

DOCUMENT RESUME

ED 360 375

TM 020 280

AUTHOR Legum, Stanley; And Others
 TITLE The 1990 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1990, 1987, and 1982 High School Graduates. Tabulations.
 INSTITUTION Westat, Inc., Rockville, MD.
 SPONS AGENCY National Center for Education Statistics (ED), Washington, DC.
 REPORT NO NCES-93-423
 PUB DATE Apr 93
 NOTE 580p.
 PUB TYPE Statistical Data (110) -- Reports - Descriptive (141)

EDRS PRICE MF03/PC24 Plus Postage.
 DESCRIPTORS *Academic Records; Comparative Analysis; *Core Curriculum; *Course Selection (Students); Graduate Surveys; *High School Graduates; High Schools; National Surveys; Required Courses; *Research Methodology; *Statistical Data; Tables (Data)
 IDENTIFIERS High School and Beyond (NCES); High School Transcript Study 1987; High School Transcript Study 1990

ABSTRACT

The 1990 High School Transcript Study (HSTS) collected 21,607 transcripts from 330 schools. Similar studies were conducted of high school course taking patterns in 1987 (the 1987 High School Transcript Study of approximately 22,700 transcripts) and in 1982 (approximately 12,000 transcripts from the High School and Beyond Study). The introductory section of this report contains highlights of the results, descriptions of all three studies, an introduction to the tables of data, a discussion of the significance of differences reported in the tables, and the comparability of samples. Seventy-nine data tables document significant, across-the-board increases in the percentage of graduates taking core curriculum degree programs since 1987. The percentage of graduates taking at least a minimal academic program rose from 13.4 percent in 1982 to 28.6 percent in 1987 and 39.9 percent in 1990. The percentage of graduates taking the core curriculum rose from 1.9 percent in 1982 to 12.0 percent in 1987 and 17.3 percent in 1990. Appendix A provides the 79 data tables. Appendix B lists codes for within subject categories. (SLD)

 * Reproductions supplied by EDRS are the best that can be made *
 * from the original document. *

ERIC TM

ED360375

NATIONAL CENTER FOR EDUCATION STATISTICS

Tabulations

April 1993

The 1990 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1990, 1987, and 1982 High School Graduates

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

- This document has been reproduced as received from the person or organization originating it.
- Minor changes have been made to improve reproduction quality.

- Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

BEST COPY AVAILABLE

U.S. Department of Education
Office of Educational Research and Improvement

NCES 93-423

082020 TM



NATIONAL CENTER FOR EDUCATION STATISTICS

Tabulations

April 1993

The 1990 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1990, 1987, and 1982 High School Graduates

Stanley Legum
Nancy Caldwell
Huseyin Goksel
Jacqueline Haynes
Charles Hynson
Keith Rust
Nina Blecher
Westat, Inc.

Patricia Dabbs
Project Officer
National Center for Education Statistics

U.S. Department of Education
Office of Educational Research and Improvement

NCES 93-423

U.S. Department of Education

Richard W. Riley

Secretary

Office of Educational Research and Improvement

Emerson J. Elliott

Acting Assistant Secretary

National Center for Education Statistics

Emerson J. Elliott

Commissioner

National Center for Education Statistics

"The purpose of the Center shall be to collect, analyze, and disseminate statistics and other data related to education in the United States and in other nations."—Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e-1).

April 1993

Contact:

Patricia Dabbs

(202) 219-1933

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
INTRODUCTION TO THE TABULATION OF TRANSCRIPT DATA FOR THE 1990 HIGH SCHOOL TRANSCRIPT STUDY	
1	
Appendix	
A	Summary Tables
A-1	
B	Listings of CSSC Codes Within Subject-Area Categories
B-1	
Table	
1	Distribution of 1990 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories
A-1	
2	Distribution of 1987 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories
A-2	
3	Distribution of 1982 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories
A-3	
4	Distribution of 1990, 1987, and 1982 Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories - Weighted
A-4	
5	Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Unweighted Frequencies
A-5	
6	Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Weighted
A-7	
7	Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
A-9	
8	Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990, 1987, and 1982
A-46	
9	Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990
A-47	

TABLE OF CONTENTS (continued)

<u>Table</u>	<u>Page</u>
10	Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1987 A-48
11	Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1982 A-49
12	Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories A-50
13	Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories A-74
14	Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields in 1990, 1987, and 1982 A-110
15	Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Gender in 1990, 1987, and 1982 A-112
16	Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Race/Ethnicity in 1990, 1987, and 1982 A-114
17	Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Student Program in 1990, 1987, and 1982 A-116
18	Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Community Type in 1990 and 1987 A-118
19	Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by School Type (Public/Nonpublic) in 1990, 1987, and 1982 A-120
20	Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Region in 1990, 1987, and 1982 A-122
21	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 A-124
22	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Gender A-125

TABLE OF CONTENTS (continued)

<u>Table</u>	<u>Page</u>
23	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Race/Ethnicity A-126
24	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Student Program A-127
25	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990 and 1987 by Community Type A-128
26	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic) A-129
27	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Region A-130
28	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 A-131
29	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Gender A-132
30	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Race/Ethnicity A-134
31	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Student Program A-136
32	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990 and 1987 by Community Type A-138
33	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic) A-140

TABLE OF CONTENTS (continued)

<u>Table</u>	<u>Page</u>
34	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Region A-142
35	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 A-144
36	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Gender A-145
37	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Race/Ethnicity A-147
38	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Student Program A-149
39	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990 and 1987 by Community Type A-151
40	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic) A-153
41	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Region A-155
42	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 A-157
43	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Gender A-158
44	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Race/Ethnicity A-159

TABLE OF CONTENTS (continued)

<u>Table</u>	<u>Page</u>	
45	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Student Program	A-160
46	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990 and 1987 by Community Type	A-161
47	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)	A-162
48	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Region	A-163
49	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982	A-164
50	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Gender	A-165
51	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Race/Ethnicity	A-166
52	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Student Program	A-167
53	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990 and 1987 by Community Type	A-168
54	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)	A-169
55	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Region	A-170

TABLE OF CONTENTS (continued)

<u>Table</u>	<u>Page</u>
56	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 A-171
57	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Gender A-172
58	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Race/Ethnicity A-173
59	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Student Program A-174
60	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990 and 1987 by Community Type A-175
61	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic) A-176
62	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Region A-177
63	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 A-178
64	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Gender A-179
65	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Race/Ethnicity A-180
66	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Student Program A-181

TABLE OF CONTENTS (continued)

<u>Table</u>	<u>Page</u>
67	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990 and 1987 by Community Type A-182
68	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic) A-183
69	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Region A-184
70	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 A-185
71	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Gender A-186
72	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Race/Ethnicity A-187
73	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Student Program A-188
74	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990 and 1987 by Community Type A-189
75	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic) A-190
76	Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Region A-191
77	Percentage of Graduates Completing Minimum Number of Credits (Carnegie Units) in Core Curriculum Courses by State Law Concerning Graduation Requirements (1990) A-192

TABLE OF CONTENTS (continued)

<u>Table</u>		<u>Page</u>
78	Percentage of Graduates Completing Minimum Number of Credits (Carnegie Units) in Core Curriculum Courses by State Law Concerning Graduation Requirements (1987)	A-193
79	Change in Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses between 1987 and 1990 and between 1982 and 1990	A-194

INTRODUCTION TO THE TABULATION OF TRANSCRIPT DATA FOR THE 1990 HIGH SCHOOL TRANSCRIPT STUDY

The 1990 High School Transcript Study (HSTS) was conducted by Westat, Inc. for the U.S. Department of Education's National Center for Education Statistics. Approximately 21,500 transcripts were collected from 330 schools. This study provides the Department of Education and other educational policy makers with information regarding current course offerings and course taking patterns in the nation's secondary schools.

Since similar studies were conducted of course taking patterns of 1987 and 1982 graduates, changes in these patterns can be studied. In particular, the data from this study permit analysts to investigate the impact of the "New Basics" curriculum introduced in the 1980s. The 1987 data are based on approximately 22,700 transcripts obtained as part of the 1987 High School Transcript Study. The 1982 data are based on approximately 12,000 transcripts collected by the High School and Beyond Project. All three studies coded the courses taken by students using the Classification of Secondary School Course (CSSC).¹

This introduction contains the following major sections:

- Highlights of the results;
- Descriptions of the 1990, 1987, and 1982 studies;
- An introduction to the tables including:
 - An overview of the major types of tables included in the report;
 - Definitions of the variables used in the tables; and
 - Table-specific notes;
- Testing the significance of differences reported in the tables; and
- Comparability of the samples.

The data tables are in Appendix A.

¹ M.J. Ludwig, L. Olivetti, N. Sandberg, and B. Waite, *A Classification of Secondary School Courses*, Alexandria, VA: Evaluation Technologies Incorporated, July 1982.

Highlights of the Results

These tables document significant, across-the-board increases in the percentage of graduates taking core curriculum degree programs since 1987. This increase continues a trend of increases from the first transcript study, which was conducted in 1982. Defining a minimal academic program as 4 years of English, 3 years of Social Studies, 3 years of Mathematics, and 3 years of Science and the "core curriculum" as a minimal academic program plus 2 years of Foreign Language and a half year of Computer Science² these tables show an increase in the percentage of graduates taking at least a minimal academic program from 13.4 percent in 1982 to 28.6 percent in 1987 and to 39.9 percent in 1990.³ The percentage of graduates taking the core curriculum program increased from 1.9 percent in 1982 to 12.0 percent in 1987 and 17.3 percent in 1990 (see Tables 70 and 79). Other key findings are:

- Males and females showed significant increases in the percentage graduating after completing minimal academic programs and core curriculum programs (Table 71).
- There were significant increases in the completion of both minimal academic programs and core curriculum programs across all major ethnic groups except Asians between 1987 and 1990. However, the percentage of Asians in these categories remained stable and is still the highest of all the ethnic groups (Table 72).
- From 1987 to 1990, there were significant increases in the completion of minimal academic programs across all community types and in the completion of core curriculum programs in all community types except Urban Fringe (Table 74).
- From 1987 to 1990, there were increases in the completion of both minimal academic programs and core curriculum programs in both public and nonpublic schools. All were significant except for the 3.5 percent increase in core curriculum programs in the non-public schools (Table 75).

² These definitions are the same as those used by William Bennett in "American Education, Marking It Work: A Report to the President and the American People," U.S. Department of Education, April, 1988. The core curriculum was called the "New Basics" curriculum in that report.

³ All differences indicated as significant in this section are based on t-tests (with 10 degrees of freedom) using the estimates and standard errors contained in the tables.

- From 1987 to 1990, only the South Central region showed increases in the completion of both minimal academic programs and core curriculum programs which were large enough to be significant (Table 76).
- In 1990, the percentage of students completing at least the minimal academic program in states requiring that curriculum was more than double the percentage of students completing it in the remaining states (Table 77).
- In the states requiring the minimal academic program for graduation, there was a major increase in compliance with the requirement between 1987 and 1990. The percentage of graduates completing the core curriculum increased from 54.4 percent to 78.1 percent (Tables 77 and 78).

Descriptions of the Three Studies

A brief description of each study follows. For a full description, see the technical report for each of the studies.⁴

The 1987 and 1990 High School Transcript Studies

The 1990 High School Transcript Study was conducted using the methodology and techniques nearly identical to those used in the 1987 High School Transcript Study.

In the Spring of 1991, Westat collected high school transcripts from 21,607 students who graduated from high school in 1990 (23,270 were requested). These students attended 330 schools that had previously been sampled for the National Assessment of Educational Progress (NAEP), a federally funded, on-going, periodic assessment of educational achievement in the nation's schools. The sample of schools was a nationally representative sample of schools teaching grade 12 or having 17-year-old students (379 schools were selected for the sample; 8 of these had no 12th-grade students). The sample of students was a representative sample of graduating seniors from each school. Approximately three-fourths of the sampled students had participated in NAEP assessments

⁴ S. Legum, et al., *1990 High School Transcript Study Technical Report*. Rockville, MD: Westat, Inc., December 1992. J. Thome, et al., *1987 High School Transcript Study Technical Report*, Rockville, MD: Westat, Inc., February 1989. C. Jones, et al., *High School and Beyond First Follow-up (1982)*, Technical Report. Chicago, IL: National Opinion Research Center, 1983. C. Jones, et al., *High School and Beyond Transcripts Survey (1982)*. *Data Files User's Manual Contractor Report*, Chicago, IL: National Opinion Research Center, 1983.

in 1990. The remaining students attended schools that did not participate in NAEP or that did not retain the lists linking student names to NAEP IDs.

Since the focus of the transcript study is high school graduates, schools with 17 year olds but without 12th grade are not included. In addition, only those students who graduated from high school in 1990 are included. Students who graduated prior to 1990 and were taking "post graduate" courses are excluded as are those 12th-grade students who failed to graduate in 1990.

The sample of schools for the 1987 High School Transcript Study (also conducted for NCES by Westat) consisted of a nationally representative sample of 497 secondary schools selected for the 1986 NAEP for grade 11/age 17 students, of which 433 schools participated. Four of these schools had no eligible nonhandicapped students. The 1987 study was restricted to graduates who were in grade 11 in 1985-86.

Because the 1982 High School and Beyond study used a different method for identifying handicapped students than did the 1987 and 1990 transcript studies, and in order to make the statistical summaries as comparable as possible, all the counts and percentages in this report are restricted to students whose records indicate that they had not participated in a special education program.⁵ This restriction lowers the number of 1990 graduates represented in the tables to 20,866.

Each course appearing on a student's transcript was assigned a six-digit code⁶ based on the course content and level (e.g., an on-grade-level, 10th-grade English course receives a particular code and is distinguished from a remedial 10th-grade English course). Course catalogs and other materials and information from the participating schools were used to determine the content and level of courses. The coding system employed was the Classification of Secondary School Courses (CSSC), containing approximately 1,800 course codes, with adaptations as necessary

⁵ In 1990, students were classified as "handicapped" when the school provided us with a special form identifying them as having an Individualized Education Program (IEP). There are 569 students with the handicap flag set. A small number of graduates with special education diplomas who did not have IEPs are included in the statistical summaries.

⁶ The codes used in the 1987 and 1990 High School Transcript Studies actually consisted of seven digits, but only the first six were used for the tables presented here. Only courses actually taken in grades 9-12 are included. Some seventh- and eighth-grade courses are included because they were taken for high school crediting in grades 9-12. Some of these courses are Spanish 7 and 8 (CSSC codes 160931 and 160932), Industrial Arts 7 and 8 (210101 and 210102), and Chorus 8, Advanced (500938).

to distinguish levels of courses and to expand the vocational education course codes. Additional information coded for each course included grade and credit received; and student information included sex, grade level, age, graduation status, and race/ethnicity.

Student transcript data were weighted for the purpose of making estimates of course taking by high school graduates nationwide. The final weight attached to an individual student record reflected two major aspects of the sample design and the population being surveyed. The first component, the base weight, was used to expand sample results to represent the total population and reflected the probability of selection in the sample (the product of the probability of selection of the primary sampling unit, and the school and student within the primary sampling unit). The second component resulted from the adjustment of the base weight to account for nonresponse within the sample and to ensure that the resulting survey estimates of certain characteristics (race/ethnicity, size of community, and region) conformed to those known reliably from external sources.

For the 1990 and 1987 studies, estimation of sampling errors was performed by an application of the jackknife procedure. The standard procedure used by Westat is to attach a set of replicate weights (56 in 1990 and 36 in 1987) to each record, one for each replicate. Variance estimation is then performed by repeating the estimation procedure 57 times (37 times in 1987), once using the original full set of sample weights, and once each for the set of 56 (or 36) replicate weights. The variability among replicate estimates is then used to derive an approximately unbiased estimate of sampling variance.⁷ The number of replicates was increased from 36 for the 1986 NAEP assessment to 56 for the 1990 NAEP assessment to give more precise estimates of sampling variance; that is, to provide more degrees of freedom for standard error estimates. This procedure was used to obtain sampling errors for a large number of variables for the whole population and specified subgroups. See Chapter 6 of the *1990 High School Transcript Study Technical Report* for a detailed description of the jackknife procedure.

⁷ See Chapter 6 of S. Legum, et al., *1990 High School Transcript Study Technical Report*, Rockville, MD: Westat, Inc., December 1992, for a detailed description of the procedures used to estimate sampling variance.

High School and Beyond

In 1982, high school transcripts were collected for members of the High School and Beyond (HS&B) study's sophomore cohort who were selected to be in the second followup survey (about 12,000 transcripts). HS&B was conducted for NCES by the National Opinion Research Center (NORC). As in the 1987 and 1990 High School Transcript Studies, records were obtained from all types of high schools, public and private. Information from the transcripts, including specific courses taken, and grades and credits earned, were coded according to the CSSC coding system and were processed into a system of data files designed to be merged with HS&B questionnaire and test data files. Unlike the 1987 High School Transcript Study, some information was not coded, such as the identification of courses as remedial, regular, or advanced, as offered in a different location, or as designed for handicapped students.

Using information available on the Public Use Data File, Westat constructed 38 replicates for variance estimation in a manner similar to that used for the 1987 and 1990 studies, and used these to calculate estimates of sampling error in a similar manner to that described above. The weights used for estimation were obtained directly from the High School and Beyond Public Use Data File.

Introduction to the Tables

The purpose of the tables (see Appendix A) is to provide a detailed description of the course taking patterns of high school graduates in 1990 and to provide a means for determining what changes have taken place in these patterns since 1982. The approximately 1800 CSSC course codes were classified into various subject matter areas such as English, Mathematics, and History. This classification into subject areas is hierarchical. For example, the Mathematics category contains a number of subcategories including Geometry and Calculus. The full hierarchy and the six-digit CSSC codes associated with each subject matter grouping are shown in Appendix B.

There are five general types of tables:

- Tables displaying the distribution of graduates by student program (academic or vocational), school type (public/nonpublic), and demographic categories (gender, race/ethnicity, community type, and region) -- Tables 1-6
- A table displaying the number of 1990, 1987, and 1982 students receiving credit in all secondary subjects -- Table 7
- Tables displaying the mean number of credits in a subject earned by a particular subgroups of students -- Tables 8 and 13-20
- Tables displaying the percentage of graduates earning various number of credits in particular subject fields. -- Tables 9-12
- Tables displaying the percentage of students in subgroups who had taken at least a specified minimum number of credits in a subject -- Tables 21-78

Almost all of the tables display data from all three studies. Most tables displaying means and percentages from multiple years also contain the standard error of the estimate so that hypothesis tests can be performed. Unweighted frequencies and percentages do not have standard errors because they do not reflect national totals. Tables 1-6 are presented as descriptions of the demographic characteristics of the samples and are not directly related to course-taking patterns. For reasons of compactness, no standard errors have been included in Table 7. Since much of the data in this table is highly disaggregated, it should be used for exploratory purposes only. The means that appear in Tables 8-12 have standard errors reported in other tables. All remaining estimates are accompanied by standard errors. With the exceptions of Tables 1-3, which display both unweighted and weighted statistics for the classification variables, and Table 5, which displays an unweighted cross-classification of the other classification variables by type of student program, all estimates in the tables are weighted.

A final table (Table 79) displays the change in the percentage of graduates earning the indicated minimum number of credits in the core curriculum courses between 1987 and 1990 and between 1982 and 1990.

"Not Reported" Values for Demographic Variables

The 1987 and 1990 data contain a number of cases in which either the students gender or race/ethnicity are not available. These cases are listed as "Not Reported" in Tables 1 and 2. The 1982 data contain no such cases. The 1982 study was able to reduce the number of such cases because, as a longitudinal study, there were more opportunities to obtain demographic information than in a cross-sectional study. In addition, the 1982 data files provided to Westat contained imputed values for any remaining unknown gender or race/ethnicity values.

The sample sizes for the "Gender Not Reported" category are small (see Tables 1 and 2). There are 9 such students in 1990 and 56 in 1987. This means that, especially for 1990, estimates for means, percentages, and related standard errors for transcript data will be extremely unreliable. For this reason, with the exception of Tables 1 and 2, estimates and standard error estimates for this group of students have been omitted throughout this report. Note that this group is exceptionally small. All other subgroups presented in the tables have sample sizes of at least 175, so that this problem is unique to the "Gender Not Reported" categories.

Definitions of the Variables Used in the Tables

The following variables, which appear in the tabulations, are defined below: Student Program, Credit, Community Type, and Region.

STUDENT PROGRAM:

For the purpose of these tables, the student classification variable, "Student Program," has been defined as follows:

Academic = The student has earned at least 12 credits in the following core course areas: English, History, Social Studies other than History, Mathematics, and/or Science, *and* has not met the requirements for vocational track, below.

Vocational = The student has earned at least three credits in a single occupationally specific vocational education area *and* has not met the requirements for academic track, above.

Both = The student has met the requirements above for *both* academic and vocational tracks. It is possible that some students in this category have taken more vocational courses than some students in the Vocational track.

Neither = The student has *not* met the requirements above for *either* academic or vocational track.

CREDIT:

For the 1987 and 1990 High School Transcript Studies, courses taken by students were coded with regard to the total number of credits the student earned for that course, standardized across schools such that one credit is approximately equal to one Carnegie unit; that is, to a single class period (45 to 60 minutes in length) once per day for a complete academic year. It must be noted that in some schools, certain courses are noncredit -- that is, students may complete the course with a passing grade but no credit is earned. In that case, the data file contains 0.0 credit for that course and the course is not counted for the current tables. This occurs most frequently in courses such as physical education, religion, or other courses not considered part of the core curriculum.

COMMUNITY TYPE:

The categories of community type that are available for the 1982 data are not identical to those used in 1987 and 1990, nor could they be collapsed to form comparable groupings. We have, therefore, limited the comparisons by community type to the 1987 and 1990 data.

The four categories of Community Type for the 1987 and 1990 tables are:

BIG CITY
URBAN FRINGE
MEDIUM CITY
SMALL PLACE

The three categories of Community Type for the 1982 tables are:

URBAN
SUBURBAN
RURAL

The 1987 and 1990 Community Type categories were assigned to cooperating schools on the basis of SDOC (sampling description of community) codes assigned to each county for sampling purposes, and on information from tables and maps from the Census Bureau's publication, *Number of Inhabitants*.

The following definitions of the Community Type categories were used in 1990.

DOC code	Class	Limits
1	Big City	Within the city limits of a city with population greater than or equal to 200,000 [or within the city limits of one of two or more central cities of an urbanized area with combined population greater than or equal to 200,000].
2	Urban Fringe	Outside the city limits but within the urbanized area of a Big City.
3	Medium City	Within the city limits of a place with a total population greater than or equal to 25,000 but less than 200,000; the place must not be in the urbanized area of a Big City.
4	Small Place	Open country or a place with a total population less than 25,000; the place must not be in the urbanized area of a Big City.

These definitions correspond to those used by NAEP in Years 15 and 17.

SDOC codes are defined as follows:

SDOC 1 - SMSA containing all or part of a central city of 200,000 or more population (Big City) in 1980.

SDOC 2 - Remaining counties in Big City SMSAs.

- SDOC 3 - Other counties containing all or part of a place with 25,000 or more population in 1980.
- SDOC 4 - Counties not qualifying for SDOC 1, 2, or 3 and not classified as "extreme rural" (SDOC 5).

REGION:

For the purpose of these tables, the four regions of the country are defined as containing the following states:

NORTHEAST (N.EAST) = Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, Pennsylvania, New Jersey (9 states).

SOUTH CENTRAL (S.CENT) = Maryland, Delaware, District of Columbia, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas (17 states).

NORTH CENTRAL (N.CENT) = Ohio, Indiana, Michigan, Wisconsin, Illinois, Missouri, Iowa, Minnesota, North Dakota, South Dakota, Nebraska, Kansas (12 states).

WEST = Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Idaho, Nevada, California, Oregon, Washington, Alaska, and Hawaii (13 states).

Table-Specific Notes

Table 7:

Each code in the Classification of Secondary School Courses (CSSC) that occurred in the 1982, 1987, or 1990 transcript databases is presented in numerical order. A single course title is shown with each code, although the classification system itself includes more than one title for many of the codes. When a course is found on one or more 1990 transcripts, the title is the primary title in the 1990 revision of the CSSC. When a course is found only among 1982 or 1987 transcripts, the title in the table is identical to that used in the corresponding 1987 table (Table 1). When a 1982 code was changed, it is reported using the 1987 code and a cross reference is given to the 1982 code. No such reassignments were made for the 1990 study, although 18 codes were added to the CSSC during the coding operation. Only those CSSC codes which actually occur in one of the three studies appear in the table.

Tables 8 through 79:

Individual CSSC course codes have been classified, for the purpose of these tables, into subject matter groupings. The codes contained in each heading are shown in the listings in Appendix B, which appears at the end of the tabulations.

Tables 14 through 69 (Subject Matter Headings):

To conserve space, some subject field headings have been further abbreviated. See Appendix B for an exhaustive list of the courses included under each heading. The shorter and longer versions of each heading appear below:

SOCIAL STUDIES	=	SOCIAL STUDIES OTHER THAN HISTORY
COMPUTER SCIENCE	=	COMPUTER SCIENCE/ PROGRAMMING/DATA PROCESSING
NON-OCC VOC ED	=	NON-OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION ⁸
VOC GEN INTRO	=	OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- ⁹ GENERAL INTRODUCTION
AGRICULTURE	=	OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- OCCUPATIONS
BUSINESS	=	OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- BUSINESS OCCUPATIONS
MARKETING	=	OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- MARKETING AND DISTRIBUTING
HEALTH	=	OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- HEALTH AND HUMAN SERVICES

⁸ Non-occupationally specific courses are general labor market preparation courses and include such topics as office supervision and business English.

⁹ Occupationally specific courses include courses focused on one of the seven vocational areas: agriculture, business, marketing, health, home economics, trade and industry, and technical.

OCC HOME ECON	=	OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- HOME ECONOMICS OCCUPATIONS
TRADE AND INDUSTRY	=	OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- TRADE AND INDUSTRY
TECHNICAL	=	OCCUPATIONALLY SPECIFIC VOCATIONAL EDUCATION -- TECHNICAL OCCUPATIONS
ARTS	=	VISUAL AND PERFORMING ARTS
PHYSICAL	=	PHYSICAL EDUCATION, EDUCATION SPORTS, AND HEALTH

8 through 69 (Student Classification):

To conserve space, some student classification variable headings have been abbreviated. The shorter and longer versions of each heading appear below:

HISPA	=	HISPANIC
ASIAN	=	ASIAN/PACIFIC ISLANDER
ACAD	=	ACADEMIC TRACK
VOC	=	VOCATIONAL TRACK

Tables 21 through 69 (Percentage of Graduates Earning Indicated Minimum Credits):

The number appearing in parentheses following the course or series of courses indicates the minimum number of credits that a student must have earned in the course(s) in order to be represented in the table. For combinations of courses, the student must meet the minimum number of credits in each component of the combination.

Tables 70 through 79 (Core Curriculum):

4 English + 3 Social Studies + 3 Science + 3 Mathematics + 1/2 Computer + 2 Foreign Language = Students have earned the following minimum numbers of credits in each of the Core Curriculum Subject Areas:

- 4.0 credits in English courses
- 3.0 credits in History/Social Studies courses
- 3.0 credits in Science courses
- 3.0 credits in Mathematics courses
- 0.5 credits in Computer Science/Programming/Data Processing courses
- 2.0 credits in Foreign Language courses

Note that in 1987 the phrase "New Basics" was used where "Core Curriculum" is used in this study.

Tables 77 through 78 (States and Graduation Requirements):

These tables compare states with particular graduation requirements (Law #1 and Law #2) with other states. The Law #1 states have graduation requirements corresponding to the minimal academic program as defined at the beginning of this report. The Law #2 states require 1 less year of Science and 1 less year of Mathematics to graduate. The Law #1 states were the same in 1987 and 1990. The Law #2 states changed. These laws and the states with these laws in effect are as follows:

Law #1 =

4.0 credits in English courses
3.0 credits in History/Social Studies courses
3.0 credits in Science courses
3.0 credits in Mathematics courses

States with Law #1:

Florida
Louisiana
Pennsylvania

Law #2 =

4.0 credits in English courses
3.0 credits in History/Social Studies courses
2.0 credits in Science courses
2.0 credits in Mathematics courses

States with Law #2 in 1987:

Alabama	New Mexico
Alaska	New York
Arkansas	North Dakota
Connecticut	Pennsylvania
Delaware	South Carolina
Florida	South Dakota
Georgia	Vermont
Hawaii	Virginia
Kansas	West Virginia
Louisiana	Wisconsin
Maryland	

States with Law #2 in 1990:

Alabama	New Mexico
Colorado	New York
Connecticut	Oregon
Delaware	Pennsylvania
Florida	South Carolina
Georgia	Texas
Hawaii	Utah
Louisiana	Virginia
Maryland	Wisconsin

Testing the Significance of Differences Reported in the Tables

The significance of the difference between any pair of estimates in the tables can be tested by using a t-test. To perform the test, calculate the value of t associated with the difference. This is the difference divided by the standard error of the difference. When comparing estimates across years the standard error of the difference is

$$\sqrt{SE_1^2 + SE_2^2}$$

where SE_1 is the standard error of the first estimate and SE_2 is the standard error of the second estimate. Thus, when the estimates are X_1 and X_2 , the t-value is

$$t = \frac{|X_1 - X_2|}{\sqrt{SE_1^2 + SE_2^2}}$$

The difference is significant if the t-value is greater than what would be expected by chance for the appropriate number of degrees of freedom. For practical purposes, one should use 25 degrees of freedom for all inferences about subgroups that appear approximately uniformly in all primary sampling units (PSU) and 10 degrees of freedom for the remaining subgroups.¹⁰ A reasonable rule of thumb to use for the tables in this report is the following: If the analysis involves

¹⁰ For a detailed discussion of the estimation of sampling variance and the determination of the degrees of freedom, see Chapter 10 of the 1990 NAEP Technical Report and Chapter 14 of the 1986 NAEP Technical Report.

the consideration of subgroup estimates for the subgroups defined by race/ethnicity, community type, or region, use 10 degrees of freedom. Otherwise, use 25 degrees of freedom. This guidance applies both to analyses within a single year and to analyses across years. At the 0.05 probability level with 25 degrees of freedom, t must be larger than 2.060 to be significant. With 10 degrees of freedom, t must be larger than 2.228.

For example, to determine whether the mean number of graduates taking the most stringent of the New Basics requirements (4 years of English, 3 years of Social Studies, 3 years of Science, 3 years of Mathematics, one semester of Computer Science, and 2 years of Foreign Language) changed significantly from 1987 to 1990, consult the first line in Table 70. This line shows that the percentage of graduates taking these courses changed from 12.04 percent in 1987 to 17.32 percent in 1990. The standard errors for these percentages are 0.89 and 1.12, respectively. Thus the t -value for this difference is

$$(17.32 - 12.04) + \sqrt{1.12^2 + 0.89^2} = 3.69$$

Since 3.69 is greater than 2.060, the difference of 5.24 percent is significant at the 0.05 level of probability.

Comparability of the Samples

The three samples are roughly comparable, but there are some differences which warrant notice when using these tables:

- The 1982 sample was drawn as part of the first followup to the High School and Beyond longitudinal study. The 1987 and 1990 studies were drawn as part of the corresponding NAEP samples. One result of this difference is that the 1982 study had more opportunity to obtain demographic information. On the other hand, because of students repeating years, transferring to different schools, or dropping out of school before their senior year, there was also a greater probability that final transcripts showing 4 years of high school could not be obtained for these students.

- The samples were drawn at different points in the students' high-school careers. The 1982 students were sampled when they were sophomores and were followed when they transferred to new schools. The 1987 students were sampled when they were juniors, but no attempt was made to follow them if they left school. The 1990 students were sampled in their senior year. Thus the 1987 study, unlike the others, has no students who transferred into their school during their senior year.
- All the samples use a multi-stage, stratified, and clustered design. There are differential rates of oversampling among the studies to reflect special interests. For instance the 1982 study included non-sampled co-twins and the 1987 study oversampled handicapped students. Because there were differences in the definitions of handicapped students, however, data from all identified handicapped students have been removed from the tables.
- The weighting techniques used across all three studies are comparable.
- Westat performed all the variance estimation using the jackknife procedure. Because the number of replicates used in the 1990 study was greater than in the earlier studies, the variance estimates in 1990 are somewhat more precise than in the earlier studies.
- The sample sizes differ--these differences are summarized in the table below.

	1990	1987	1982
No. of Schools in the Original Sample	379	497	1,882
No. of Schools Represented in the Tables	330	429	1,601
No. of Students in the Original Sample	23,270	35,180	18,427
No. of Transcripts Represented in the Tables	20,866	27,732	11,770

Table 1. Distribution of 1990 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories

VARIABLE	FREQUENCY	PERCENT	WEIGHTED FREQUENCY	WEIGHTED PERCENT
GENDER				
NOT REPORTED	9	0.04	2,488	0.09
MALE	9,928	47.58	1,292,621	47.58
FEMALE	10,929	52.38	1,421,354	52.32
RACE/ETHNICITY				
NOT REPORTED	682	3.27	92,898	3.42
WHITE	14,791	70.89	1,940,457	71.43
BLACK	2,650	12.70	365,064	13.44
HISPANIC	1,731	8.50	206,292	7.59
ASIAN/PACIFIC	837	4.01	93,268	3.43
OTHER	175	0.84	18,484	0.68
STUDENT PROGRAM				
ACADEMIC	15,553	74.54	1,882,827	69.31
VOCATIONAL	1,227	5.88	208,460	7.67
BOTH	1,895	9.08	265,473	9.77
NEITHER	2,191	10.50	359,702	13.24
COMMUNITY TYPE				
BIG CITY	4,186	20.06	386,751	14.24
URBAN FRINGE	5,514	26.43	711,092	26.18
MEDIUM CITY	2,702	12.95	321,372	11.83
SMALL PLACE	8,464	40.56	1,297,248	47.76
PUBLIC/NONPUBLIC SCHOOL				
PUBLIC	16,193	77.60	2,462,906	90.67
NONPUBLIC	4,673	22.40	253,557	9.33
REGION				
NORTHEAST	4,570	21.90	570,812	21.01
SOUTH CENTRAL	8,148	39.05	895,756	32.98
NORTH CENTRAL	4,289	20.55	720,863	26.54
WEST	3,859	18.49	529,033	19.48

Table 2. Distribution of 1987 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories

VARIABLE	FREQUENCY	PERCENT	WEIGHTED FREQUENCY	WEIGHTED PERCENT
GENDER				
NOT REPORTED	56	0.25	6,207	0.23
MALE	10,946	48.15	1,305,509	48.41
FEMALE	11,730	51.60	1,384,938	51.36
RACE/ETHNICITY				
NOT REPORTED	1,281	5.64	220,594	8.18
WHITE	15,012	66.04	1,897,299	70.36
BLACK	2,869	12.62	314,109	11.65
HISPANIC	2,441	10.74	168,019	6.23
ASIAN/PACIFIC	824	3.62	70,407	2.61
OTHER	305	1.34	26,226	0.97
STUDENT PROGRAM				
ACADEMIC	13,772	60.58	1,618,391	60.01
VOCATIONAL	2,920	12.85	356,966	13.24
BOTH	1,964	8.64	227,520	8.44
NEITHER	4,076	17.93	493,777	18.31
COMMUNITY TYPE				
BIG CITY	4,346	19.12	384,912	14.27
URBAN FRINGE	5,926	26.07	773,167	28.67
MEDIUM CITY	4,045	17.79	409,864	15.20
SMALL PLACE	8,415	37.02	1,128,710	41.86
PUBLIC/NONPUBLIC SCHOOL				
PUBLIC	20,492	90.15	2,438,347	90.42
NONPUBLIC	2,240	9.85	258,307	9.58
REGION				
NORTHEAST	4,263	18.75	599,265	22.22
SOUTH CENTRAL	7,793	34.28	829,327	30.75
NORTH CENTRAL	5,833	25.66	779,666	28.91
WEST	4,843	21.30	488,396	18.11

Table 3. Distribution of 1982 High School Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories

VARIABLE	FREQUENCY	PERCENT	WEIGHTED FREQUENCY	WEIGHTED PERCENT
GENDER				
MALE	5,708	48.50	1,324,317	48.39
FEMALE	6,062	51.50	1,412,447	51.61
RACE/ETHNICITY				
WHITE	7,254	61.63	2,048,199	74.84
BLACK	1,596	13.56	290,528	10.62
HISPANIC	2,336	19.85	301,988	11.03
ASIAN/PACIFIC	324	2.75	39,206	1.43
OTHER	260	2.21	56,843	2.03
STUDENT PROGRAM				
ACADEMIC	5,574	47.36	1,142,588	41.75
VOCATIONAL	1,742	14.80	480,690	17.56
BOTH	548	4.66	147,761	5.40
NEITHER	3,906	33.19	965,725	35.29
COMMUNITY TYPE				
URBAN	2,686	22.82	527,560	19.28
SUBURBAN	6,105	51.87	1,363,197	49.81
RURAL	2,979	25.31	846,008	30.91
PUBLIC/NONPUBLIC SCHOOL				
PUBLIC	8,963	76.15	2,445,232	89.35
NONPUBLIC	2,807	23.85	291,532	10.65
REGION				
NORTHEAST	2,741	23.29	631,046	23.06
SOUTH CENTRAL	3,505	29.78	853,035	31.17
NORTH CENTRAL	3,354	28.50	803,131	29.35
WEST	2,170	18.44	449,552	16.43

Table 4. Distribution of 1990, 1987, and 1982 Graduates by Student Program, School Type (Public/Nonpublic), and Demographic Categories - Weighted

VARIABLE	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES		
	WEIGHTED FREQUENCY	WEIGHTED PERCENT		WEIGHTED FREQUENCY	WEIGHTED PERCENT		WEIGHTED FREQUENCY	WEIGHTED PERCENT	
GENDER									
MALE	1,292,621	47.58		1,305,509	48.41		1,324,317	48.39	
FEMALE	1,421,354	52.32		1,384,938	51.36		1,412,447	51.61	
RACE/ETHNICITY									
NOT REPORTED	92,898	3.42		220,594	8.18		2,048,199	74.84	
WHITE	1,940,457	71.43		1,897,299	70.36		290,528	10.62	
BLACK	365,064	13.44		314,109	11.65		301,988	11.03	
HISPANIC	206,292	7.59		168,019	6.23		39,206	1.43	
ASIAN/PACIFIC	93,268	3.43		70,407	2.61		56,843	2.08	
OTHER	18,484	0.68		26,226	0.97				
STUDENT PROGRAM									
ACADEMIC	1,882,827	69.31		1,618,391	60.01		1,142,588	41.75	
VOCATIONAL	208,460	7.67		356,966	13.24		480,690	17.56	
BOTH	265,473	9.77		227,520	8.44		147,761	5.40	
NEITHER	359,702	13.24		493,777	18.31		965,725	35.29	
COMMUNITY TYPE									
BIG CITY	386,751	14.24		384,912	14.27		.	.	
URBAN FRINGE	711,092	26.18		773,167	28.67		.	.	
MEDIUM CITY	321,372	11.83		409,864	15.20		.	.	
SMALL PLACE	1,297,248	47.76		1,128,710	41.86		.	.	
URBAN	.	.		.	.		527,560	19.28	
SUBURBAN	.	.		.	.		1,363,197	49.81	
RURAL	.	.		.	.		846,008	30.91	
PUBLIC/NONPUBLIC SCHOOL									
PUBLIC	2,462,906	90.67		2,438,347	90.42		2,445,232	89.35	
NONPUBLIC	253,557	9.33		258,307	9.58		291,532	10.65	
REGION									
NORTHEAST	570,812	21.01		599,265	22.22		631,046	23.06	
SOUTH CENTRAL	895,756	32.98		829,327	30.75		855,035	31.17	
NORTH CENTRAL	720,863	26.54		779,666	28.91		803,131	29.35	
WEST	529,033	19.48		488,396	18.11		449,552	16.43	



Table 5. Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Unweighted Frequencies

	STUDENT PROGRAM			
	ACADEMIC	VOCATIONAL	BOTH	NEITHER
GENDER				
MALE	7,340	626	922	1,040
FEMALE	8,205	601	972	1,151
RACE/ETHNICITY				
NOT REPORTED	501	34	46	101
WHITE	11,029	979	1,304	1,479
BLACK	1,917	122	305	306
HISPANIC	1,248	71	193	219
ASIAN/PACIFIC	735	13	31	58
OTHER	123	8	16	28
COMMUNITY TYPE				
BIG CITY	3,358	112	322	394
URBAN FRINGE	4,350	226	333	605
MEDIUM CITY	2,071	171	194	266
SMALL PLACE	5,774	718	1,046	926
PUBLIC/NONPUBLIC SCHOOL				
PUBLIC	11,288	1,181	1,811	1,913
NONPUBLIC	4,265	46	84	278

Table 5. Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Unweighted Frequencies
(Continued)

REGION	STUDENT PROGRAM			
	ACADEMIC	VOCATIONAL	BOTH	NEITHER
NORTHEAST	3,743	202	355	270
SOUTH CENTRAL	6,063	435	1,219	431
NORTH CENTRAL	2,757	460	186	886
WEST	2,990	130	135	604

42

41

Table 6. Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Weighted

	FREQUENCY PERCENT	STUDENT PROGRAM			
		ACADEMIC	VOCATIONAL	BOTH	NEITHER
GENDER					
MALE	883,951 73.93	108,093 6.31	130,246 9.29	170,331 10.48	
FEMALE	996,640 75.08	100,367 5.50	134,977 8.89	189,371 10.53	
RACE/ETHNICITY					
NOT REPORTED	64,307 73.46	5,520 4.99	7,211 6.74	15,860 14.81	
WHITE	1,334,150 74.57	170,447 6.62	183,228 8.82	252,632 10.00	
BLACK	252,591 72.34	18,677 4.60	44,986 11.51	48,810 11.55	
HISPANIC	140,359 72.10	11,028 4.10	23,764 11.15	31,141 12.65	
ASIAN/PACIFIC	79,505 87.81	1,823 1.55	4,227 3.70	7,713 6.93	
OTHER	11,915 70.29	965 4.57	2,058 9.14	3,546 16.00	
COMMUNITY TYPE					
BIG CITY	291,135 80.22	15,049 2.68	36,994 7.69	43,572 9.41	
URBAN FRINGE	534,099 78.89	38,574 4.10	49,096 6.04	89,323 10.97	
MEDIUM CITY	226,083 76.65	25,515 6.33	27,296 7.18	42,478 9.84	
SMALL PLACE	831,510 68.22	129,322 8.48	152,087 12.36	184,329 10.94	

Table 6. Distribution of 1990 Graduates by Student Program for School Type (Public/Nonpublic) and Each Demographic Category - Weighted
(Continued)

	FREQUENCY PERCENT	STUDENT PROGRAM			
		ACADEMIC	VOCATIONAL	BOTH	NEITHER
PUBLIC/NONPUBLIC SCHOOL					
PUBLIC	1,653,399 69.71	205,581 7.29	260,909 11.18	343,017 11.81	
NONPUBLIC	229,428 91.27	2,880 0.98	4,564 1.80	16,686 5.95	
REGION					
NORTHEAST	434,614 81.90	38,190 4.42	53,743 7.77	44,265 5.91	
SOUTH CENTRAL	626,989 74.41	58,362 5.34	154,144 14.96	56,260 5.29	
NORTH CENTRAL	425,588 64.28	91,376 10.73	35,842 4.34	168,057 20.66	
WEST	395,636 77.48	20,532 3.37	21,744 3.50	91,120 15.65	

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER					1,977	0.07
010111	AGRICULTURE, INTRODUCTION	20,352	0.75	5,025	0.19	16,309	0.60
010121	AGRICULTURAL BUSINESS OPERATION	9,343	0.34	6,363	0.24	8,139	0.30
010131	FARM AND RANCH MANAGEMENT	9,124	0.34	6,074	0.23	9,561	0.35
010141	STATE AND COMMUNITY AGRICULTURE			222	0.01	445	0.02
010141	STATE AND COMMUNITY AGRICULTURE	313	0.01	362	0.01	1,690	0.06
010151	AGRICULTURAL MATHEMATICS			129	0.00	170	0.01
010161	AGRICULTURE MICROPROCESSING	382	0.01	5,435	0.20		
010171	AGRICULTURE COOPERATIVES	12,607	0.46	1,247	0.05	9,786	0.36
010172	AGRICULTURAL COOPERATIVE EDUCATION II	1,855	0.07	2,904	0.11		
010181	AGRICULTURE, INDEPENDENT STUDY			1,445	0.05	5,001	0.18
010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM						
010200	AGRICULTURAL MECHANICS, OTHER	28,342	1.04	28,754	1.07	358	0.01
010211	AGRICULTURAL MECHANICS, GENERAL	6,109	0.22	10,681	0.40	24,966	0.91
010212	AGRICULTURAL MECHANICS 2	1,065	0.04	1,961	0.07	19,814	0.74
010213	AGRICULTURAL MECHANICS 3					4,187	0.15
010214	AGRICULTURAL MECHANICS 4			208	0.01	2,962	0.11
010221	WELDING, AGRICULTURAL	1,989	0.07	892	0.03	2,106	0.08
010231	POWER AND MACHINERY, AGRICULTURAL	5,142	0.19	985	0.04	7,168	0.26
010241	FARM CONSTRUCTION	7,553	0.28	5,233	0.19	2,741	0.10
010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL	1,920	0.07	663	0.02	483	0.02
010261	SOIL AND WATER MECHANICAL PRACTICES	3,401	0.13			1,047	0.04
010271	SURVEYING, AGRICULTURAL					45	0.00
010300	AGRICULTURAL PRODUCTION, OTHER					1,222	0.04
010311	AGRICULTURAL PRODUCTION, GENERAL	10,152	0.37	3,242	0.12	10,150	0.37
010312	AGRICULTURE TECHNOLOGY 1	7,658	0.28	1,151	0.04	9,423	0.34
010313	AGRICULTURE TECHNOLOGY 2	3,604	0.13	761	0.03	5,357	0.20
010321	ANIMAL PRODUCTION	6,712	0.25	1,916	0.07	8,436	0.31
010331	CROP PRODUCTION	5,842	0.22	3,096	0.11	1,847	0.07
010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER						
010411	AGRICULTURAL PRODUCTS AND PROCESSING I			354	0.01		
010412	AGRICULTURAL PRODUCTS AND PROCESSING II			260	0.01		
010511	AGRICULTURAL SUPPLIES MARKETING	358	0.01	66	0.00		
010521	ANIMAL GROOMING			253	0.01		
010600	HORTICULTURE, OTHER						
010611	HORTICULTURE	22,715	0.84	19,213	0.71	37,096	1.36
010621	FLORICULTURE	1,961	0.07	2,531	0.09	5,423	0.20
010651	LANDSCAPING	4,563	0.17	3,879	0.14	7,005	0.26
010651	GREENHOUSE MANAGEMENT	746	0.03	1,780	0.07	1,089	0.04
010651	NURSERY OPERATIONS AND MANAGEMENT	1,621	0.06	5,152	0.19	1,276	0.05
010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE	4,424	0.16			1,194	0.04
010681	FRUIT AND VEGETABLE PRODUCTION					702	0.03
019900	AGRICULTURE AND AGRICULTURAL PRODUCTION, OTHER					398	0.01
020100	AGRICULTURAL SCIENCES, OTHER GENERAL	37,974	1.40	17,807	0.66	2,488	0.09
020111	AGRICULTURAL SCIENCES, GENERAL	61,100	2.25	109,768	4.07	39,138	1.43
020121	AGRICULTURAL OCCUPATIONS 1					67,581	2.47

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
020122	AGRICULTURAL OCCUPATIONS 2	28,723	1.06	67,023	2.49	29,745	1.09
020123	AGRICULTURAL OCCUPATIONS 3	13,450	0.50	39,365	1.46	25,786	0.94
020124	AGRICULTURAL OCCUPATIONS 4	10,227	0.38	24,184	0.90	18,493	0.68
020200	ANIMAL SCIENCES, OTHER					241	0.01
020211	ANIMAL SCIENCES 1	21,471	0.79	15,479	0.57	16,514	0.60
020212	ANIMAL SCIENCES 2	63	0.00	521	0.02	1,650	0.06
020221	LIVESTOCK 9	2,951	0.11	2,360	0.09	4,546	0.17
020222	LIVESTOCK 10			3,718	0.14	2,292	0.08
020241	DAIRY PRODUCTION	2,023	0.07	654	0.02	62	0.00
020261	HORSE PRODUCTION	1,152	0.04	167	0.01	1,113	0.04
020271	SMALL ANIMAL PRODUCTION 1	948	0.03	357	0.01	809	0.03
020272	SMALL ANIMAL PRODUCTION 2			99	0.00		
020300	FOOD SCIENCES, OTHER						
020400	PLANT SCIENCES, OTHER						
020411	AGRONOMY					141	0.01
020421	ORNAMENTAL HORTICULTURE 1	6,874	0.25	11,375	0.42	8,328	0.30
020422	ORNAMENTAL HORTICULTURE 2	8,027	0.30	9,569	0.35	6,040	0.22
020423	ORNAMENTAL HORTICULTURE 3	2,171	0.08	4,760	0.18	1,098	0.04
020511	SOIL SCIENCES, GENERAL	1,931	0.07	661	0.02	677	0.02
020521	FERTILIZERS AND CHEMICALS	1,988	0.07	848	0.03	2,958	0.11
029900	AGRICULTURAL SCIENCES, OTHER					565	0.02
030100	RENEWABLE NATURAL RESOURCES, OTHER GENERAL					1,378	0.05
030200	CONSERVATION AND REGULATION, OTHER			69	0.00	1,904	0.07
040211	CONSERVATION AND REGULATION	21,242	0.78	3,226	0.12	3,060	0.11
030212	ENVIRONMENTAL MANAGEMENT 1	4,389	0.16			17,718	0.65
030300	FISHING AND FISHERIES, OTHER						
030311	WATERMAN OCCUPATIONS					712	0.03
030500	FORESTRY AND RELATED SCIENCES, OTHER					302	0.01
030511	FORESTRY SCIENCE 1					452	0.02
030512	FORESTRY SCIENCE 2	5,843	0.22	6,043	0.22	10,090	0.37
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE	1,596	0.06	1,442	0.05		
030600	WILDLIFE MANAGEMENT, OTHER	1,021	0.04			1,215	0.04
030611	WILDLIFE MANAGEMENT	11,706	0.43	5,025	0.19	321	0.01
030621	RURAL RECREATION	113	0.00			6,123	0.22
030711	MARINE MANAGEMENT/OCEANOGRAPHY 1	965	0.04	119	0.00	176	0.01
040100	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER GENERAL	100	0.00				
040200	ARCHITECTURE, OTHER	8,386	0.31			424	0.02
040211	ARCHITECTURE, INTRODUCTION	585	0.02	720	0.03	5,101	0.19
040212	ARCHITECTURE, ADVANCED	794	0.03	441	0.02	914	0.03
040221	ARCHITECTURAL THEORY			57	0.00	2,880	0.11
040300	CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER					468	0.02
040400	ENVIRONMENTAL DESIGN, OTHER					1,026	0.04
040500	INTERIOR DESIGN, OTHER					1,417	0.02
040511	INTERIOR DESIGN	1,757	0.06	2,163	0.08	24,091	0.88
050100	AREA STUDIES, OTHER	7,212	0.27			3,970	0.15

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
050101	AREA STUDIES	29,341	1.08	18,091	0.67	11,203	0.41
050102	AMERICAN STUDIES, BASIC	1,719	0.06	15,776	0.59	48,912	1.79
050103	AMERICAN STUDIES, GENERAL	88,685	3.26	129,798	4.81	149,179	5.45
050104	AMERICA'S PEOPLE AND PROBLEMS	260	0.01	14,678	0.54	15,727	0.57
050105	AMERICAN STUDIES, HONORS	17,793	0.65	9,665	0.36	11,410	0.42
050108	AMERICAN WEST	.	.	2,843	0.11	19,459	0.71
050109	SOUTHWEST UNITED STATES	.	.	178	0.01	1,887	0.07
050110	ANGLO AMERICA	.	.	.	.	2,742	0.10
050111	NORTH AMERICA AND CURRENT EVENTS	242	0.01	.	.	9,567	0.35
050112	NORTH AND SOUTH AMERICA	.	.	422	0.02	324	0.01
050113	LATIN AMERICA	1,790	0.07	2,704	0.10	7,850	0.29
050114	WORLD STUDIES 1	224,631	8.27	216,075	8.01	236,847	8.65
050115	WORLD STUDIES 2	77,655	2.86	43,333	1.61	30,673	1.12
050116	WORLD STUDIES, HONORS	12,761	0.47	6,881	0.26	4,254	0.16
050117	COMPARATIVE WORLD CULTURES	20,510	0.76	35,699	1.32	2,700	0.10
050118	EUROPEAN CULTURE STUDIES, BASIC	1,404	0.05	12,109	0.45	20,326	0.74
050119	EUROPEAN CULTURE STUDIES, GENERAL	35,836	1.32	94,941	3.52	70,616	2.58
050120	EUROPEAN CULTURE STUDIES, HONORS	381	0.01	5,990	0.22	4,429	0.16
050121	DEVELOPING NATIONS	3,047	0.11	933	0.03	1,891	0.07
050122	AFRICAN AREA STUDIES	57	0.00	6,740	0.25	12,105	0.44
050123	AFRICA AND SOUTH AMERICA	.	.	.	.	309	0.01
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC	1,444	0.05	5,566	0.21	8,319	0.30
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL	54,083	1.99	89,339	3.31	58,460	2.14
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS	5,098	0.19	2,201	0.08	3,701	0.14
050127	ASIAN STUDIES	16,677	0.61	11,557	0.43	18,843	0.69
050128	HISTORY OF CHINA	582	0.02	2,758	0.10	2,142	0.08
050129	ASIA, AFRICA AND MIDEAST	10,413	0.38	925	0.03	8,537	0.31
050130	AFRICA AND MIDDLE EAST	.	.	867	0.03	5,812	0.21
050131	MIDDLE EASTERN STUDIES	1,362	0.05	.	.	5,297	0.19
050132	MIDDLE EAST, WAR FOR SURVIVAL	.	.	.	.	1,698	0.06
050133	U S R	1,516	0.06	453	0.02	8,008	0.29
050134	SOVIET UNION AND CHINA	690	0.03	8,789	0.33	455	0.02
050135	SOVIET UNION AND AFRICAN DEVELOPING NATIONS	1,181	0.04	849	0.03	1,011	0.04
050136	HISTORY OF RUSSIA	1,300	0.05	2,527	0.09	2,623	0.10
050137	NEGLECTED WORLD	157	0.01	.	.	24,818	0.91
050138	GLOBAL EDUCATION	102,901	3.79	103,556	3.84	.	.
050139	PACIFIC RIM NATIONS	181	0.01	2,721	0.10	.	.
050140	CANADIAN AREA STUDIES	.	.	1,195	0.04	.	.
050200	ETHNIC STUDIES, OTHER	.	.	114	0.00	.	.
050211	MINORITIES IN AMERICA	13,817	0.51	9,472	0.35	3,249	0.12
050221	ETHNIC AND FAMILY HERITAGE	.	.	260	0.01	39,032	1.43
050231	AFRO AMERICAN STUDIES	14,010	0.52	12,750	0.47	18,566	0.68
050241	ECONOMICS OF AFRO AMERICANS	.	.	.	.	111	0.00
050251	INDIANS OF NORTH AMERICA	640	0.02	7,134	0.26	5,957	0.22
050261	JEWISH HISTORICAL SIGNIFICANCE	.	.	220	0.01	.	.

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES		
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	PERCENTAGE OF GRADUATES WITH CARNEGIE UNITS > 0	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	PERCENTAGE OF GRADUATES WITH CARNEGIE UNITS > 0	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	
050271	MEXICAN AMERICAN HERITAGE	186	0.01	0.01	1,867	0.07	2,242	0.08		
050281	HAWAIIAN	10,958	0.40	0.00	103	0.00	2,691	0.10		
050291	HAWAIIAN CULTURE STUDIES, MODERN	208	0.01	.	.	.	1,729	0.06		
059900	AREA AND ETHNIC STUDIES, OTHER	289	0.01	.	.	.	493	0.02		
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL	1,069	0.04	.	101	0.00	4,985	0.18		
060111	BUSINESS INTRODUCTION	282,117	10.39	10.39	359,784	13.34	401,686	14.68		
060121	BUSINESS LAW	202,485	7.45	7.45	217,920	8.08	224,611	8.21		
060131	BUSINESS, INDEPENDENT STUDY	3,530	0.13	0.13	2,342	0.09	11,761	0.43		
060141	BUSINESS EDUCATION, COOPERATIVE	5,253	0.19	0.19	2,049	0.08	11,582	0.42		
060200	ACCOUNTING, OTHER	1,223	0.05	0.05	62	0.00	25	0.00		
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS - INTEGRATED CURRICULUM				3,017	0.11	3,193	0.12		
060300	BANKING AND FINANCE, OTHER	1,799	0.07	0.07	244	0.01	2,573	0.09		
060311	FINANCIAL CAREERS	365	0.01	0.01	240	0.01				
060331	CONSUMER LENDING									
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER						1,811	0.07		
060411	BUSINESS ORGANIZATION AND MANAGEMENT	58,136	2.14	2.14	54,416	2.02	30,576	1.12		
060511	BUSINESS ECONOMICS	14,282	0.53	0.53	10,988	0.41	7,272	0.27		
060600	HUMAN RESOURCES DEVELOPMENT, OTHER	458	0.02	0.02	330	0.01	2,961	0.11		
060711	HOTEL AND MOTEL MANAGEMENT	2,350	0.09	0.02	532	0.02	1,097	0.04		
060712	HOTEL AND MOTEL TRAINING	997	0.04	0.04	113	0.00	389	0.01		
060811	INSURANCE CAREERS						308	0.01		
060900	INTERNATIONAL BUSINESS MANAGEMENT, OTHER	1,211	0.04	0.04	1,493	0.06	130	0.00		
061011	INVESTMENTS AND TAXATION		.	.		.	109	0.00		
061100	LABOR INDUSTRIAL RELATIONS, OTHER		.	.	834	0.03	2,451	0.09		
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER		.	.		.	529	0.02		
061300	MANAGEMENT SCIENCE, OTHER		.	.		.	1,014	0.04		
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER		.	.		.	373	0.01		
061411	MARKETING MANAGEMENT AND RESEARCH, OTHER	3,065	0.11	0.11	7,305	0.27	14,185	0.54		
061500	MARKETING MANAGEMENT AND DECISION MAKING		.	.	1,312	0.05				
061600	ORGANIZATIONAL BEHAVIOR, OTHER		.	.	72	0.00				
061700	PERSONNEL MANAGEMENT, OTHER		.	.		.	267	0.01		
061711	REAL ESTATE, OTHER		.	.		.				
061711	REAL ESTATE MARKETING	74	0.00	0.00		.	206	0.01		
061811	SMALL BUSINESS MANAGEMENT	14,897	0.55	0.55	4,831	0.18	3,357	0.13		
061900	TAXATION, OTHER		.	.	180	0.01	3,385	0.01		
069900	BUSINESS AND MANAGEMENT, OTHER		.	.		.	2,583	0.09		
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER		.	.		.	1,920	0.07		
070111	BOOKKEEPING 1	19,489	0.72	0.72	57,716	2.14	176,136	6.44		
070112	BOOKKEEPING 2	2,288	0.08	0.08	3,857	0.14	21,036	0.77		
070121	ACCOUNTING 1	493,244	18.16	18.16	548,787	20.35	446,212	16.30		
070122	ACCOUNTING 2	79,250	2.92	2.92	85,369	3.17	73,620	2.69		
070131	ACCOUNTING, COLLEGE	1,582	0.06	0.06	12,816	0.48	7,051	0.26		
070141	BOOKKEEPING AND ACCOUNTING 1	9,252	0.34	0.34	14,240	0.53	10,674	0.39		
070142	BOOKKEEPING AND ACCOUNTING 2	2,356	0.09	0.09	5,116	0.19	3,723	0.14		
070151	RECORDKEEPING 1	123,503	4.55	4.55	88,068	3.27	121,582	4.44		
070152	RECORDKEEPING 2	3,667	0.13	0.13	2,438	0.09	7,657	0.28		

52



Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
070153	PERSONAL RECORDKEEPING	16,687	0.61	49,423	1.83	125,099	4.57
070161	OFFICE MACHINES	28,556	1.05	42,419	1.57	3,951	0.14
070162	OFFICE MACHINES, VOCATIONAL	937	0.03	4,722	0.18	242,965	8.88
070171	BUSINESS MATHEMATICS 1	181,898	6.70	192,114	7.12	7,206	0.26
070172	BUSINESS MATHEMATICS 2	4,489	0.17	4,906	0.18	808	0.03
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER	1,082	0.04	1,754	0.07	4,265	0.16
070201	BANKING & FINANCIAL CAREERS	4,341	0.16	1,702	0.06	2,150	0.08
070211	BANK TELLER	2,044	0.08	4,728	0.18	453	0.02
070221	FINANCIAL MATHEMATICS	175	0.01	231	0.01		
070231	BANK PROOF OPERATOR			36	0.00		
070241	BANK DATA ENTRY OCCUPATIONS	927	0.03	226	0.01		
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION	561	0.02	148	0.01	163	0.01
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER	97,907	3.60	103,882	3.85	6,021	0.22
070311	COMPUTERS IN BUSINESS	125,181	4.61	99,689	3.70	3,087	0.11
070321	BUSINESS DATA PROCESSING 1	7,039	0.26	8,875	0.33	123	0.00
070331	BUSINESS COMPUTER PROGRAMMING 1	141,158	5.20	45,157	1.67	493	0.02
070332	BUSINESS COMPUTER PROGRAMMING 2	6,646	0.24	8,176	0.30	693	0.03
070341	KEY PUNCH OPERATOR			320	0.01	4,859	0.18
070351	DATA ENTRY OPERATOR 1	2,327	0.09	3,079	0.11	2,889	0.11
070352	DATA ENTRY OPERATOR 2	496	0.02	84	0.00		
070361	KEYBOARDING	171,317	6.31	96,718	3.59	3,110	0.11
070400	OFFICE SUPERVISION AND MANAGEMENT, OTHER					1,350	0.05
070411	BUSINESS ENGLISH 1	90,480	3.33	99,045	3.67	107,656	3.93
070412	BUSINESS ENGLISH 2	3,068	0.11	4,023	0.15	5,546	0.20
070413	BUSINESS ENGLISH 3	2,080	0.08	2,037	0.08		
070414	BUSINESS ENGLISH 4	1,853	0.07	978	0.04		
070600	SECRETARIAL AND RELATED PROGRAMS, OTHER					587	0.02
070611	SHORTHAND 1	57,348	2.11	115,166	4.27	261,340	9.55
070612	SHORTHAND 2	9,315	0.34	14,354	0.53	53,101	1.94
070613	SPEED WRITING	39,666	1.46	31,715	1.17		
070621	TRANSCRIPTION	1,730	0.06	7,568	0.28	9,658	0.35
070631	SECRETARIAL ADMINISTRATION 1	16,901	0.62	18,587	0.69	24,969	0.91
070632	SECRETARIAL ADMINISTRATION 2	1,659	0.06	2,676	0.10	1,870	0.07
070641	WORD PROCESSING 1	188,890	6.95	111,586	4.14	8,573	0.31
070642	WORD PROCESSING 2	26,358	0.97	9,135	0.34	752	0.03
070643	WORD PROCESSING 3	4,153	0.15				
070651	REPROGRAPHICS	69	0.00	1,796	0.07	1,168	0.04
070661	LEGAL OFFICE PROCEDURES	533	0.02	1,781	0.07	1,363	0.05
070662	COURT REPORTER	71	0.00				
070671	MEDICAL OFFICE PROCEDURES	481	0.02	1,267	0.05	1,545	0.06
070681	LEGAL/MEDICAL OFFICE PROCEDURES	1,053	0.04	791	0.03		
070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER					4,115	0.15
070711	TYPENRITING 1	1,219,168	44.88	1,469,666	54.50	1,444,027	52.76
070712	TYPENRITING 2	166,019	6.11	278,754	10.34	586,528	14.12

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES		
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	PERCENTAGE OF GRADUATES WITH CARNEGIE UNITS > 0	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	PERCENTAGE OF GRADUATES WITH CARNEGIE UNITS > 0	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	
070713	TYPEWRITING 3	9,636	0.35	24,872	0.92	49,059	1.79			
070721	TYPEWRITING, PERSONAL	340,723	12.54	328,484	12.18	323,071	11.80			
070731	OFFICE PROCEDURES 1	169,163	6.23	187,772	6.96	206,578	7.55			
070732	OFFICE PROCEDURES 2	22,089	0.81	33,242	1.23	31,573	1.15			
070733	SIMULATED OFFICE	25,767	0.95	37,167	1.38	31,159	1.14			
070741	OFFICE EDUCATION 1, COOPERATIVE	53,242	1.96	64,758	2.40	82,042	3.00			
070742	OFFICE EDUCATION 2, COOPERATIVE	10,542	0.38	11,478	0.43	11,123	0.41			
079900	BUSINESS AND OFFICE, OTHER	.	.	951	0.04	3,238	0.12			
080100	APPAREL AND ACCESSORIES MARKETING, OTHER	.	.	116	0.00	.	.			
080111	FASHION MERCHANDISING	20,442	0.75	19,160	0.71	14,349	0.52			
080121	FASHION DESIGN AND ILLUSTRATION	5,148	0.12	5,638	0.21	5,912	0.22			
080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1	826	0.03	4,524	0.17	.	.			
080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2	.	.	32	0.00	.	.			
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER	.	.	.	.	633	0.02
080300	ENTREPRENEURSHIP, OTHER	1,128	0.04	.	.	.	.
080311	STARTING YOUR OWN BUSINESS	15,956	0.59	3,186	0.12	1,756	0.06			
080321	SOCIAL SERVICES MARKETING, OTHER	37,007	1.36	13,175	0.49	7,587	0.28			
080400	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER	.	.	.	.	1,853	0.07
080511	FLORAL SALES	1,208	0.04	1,965	0.07	2,854	0.10			
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW	.	.	338	0.01	.	.			
080700	GENERAL MARKETING, OTHER	141,727	5.22	131,818	4.89	768	0.03			
080711	DISTRIBUTIVE EDUCATION 1	24,116	0.89	37,946	1.41	133,884	4.89			
080712	DISTRIBUTIVE EDUCATION 2	6,429	0.24	3,854	0.14	29,079	1.06			
080713	DISTRIBUTIVE EDUCATION 3	48,450	1.78	65,286	2.42	44,974	1.64			
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE	9,187	0.34	15,084	0.56	15,058	0.55			
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE	6,750	0.25	8,227	0.31	16,003	0.58			
080731	SALESMANSHIP	8,556	0.31	12,434	0.46	5,000	0.18			
080741	RETAIL LEARNING LABORATORY	705	0.03	1,925	0.07	1,414	0.05			
080751	CASHIER CHECKER TRAINING	543	0.02	329	0.01	1,493	0.05			
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING	.	.	.	.	580	0.02
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY	.	.	.	.	2,650	0.10
080900	HOSPITALITY AND RECREATION MARKETING, OTHER	.	.	757	0.03	.	.			
080911	ORIENTATION TO HOSPITALITY CAREERS	.	.	.	.	425	0.02
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER	.	.	1,064	0.04	655	0.02			
081111	TOURISM SERVICES	1,872	0.07	.	.	.	.
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION	129	0.00	.	.	.	.
081211	AUTO PARTS MERCHANDISING	.	.	27	0.00	.	.			
081221	AUTOMOTIVE PROFESSIONAL TRAINING	575	0.02	39	0.00	2,430	0.09			
090100	COMMUNICATIONS, OTHER GENERAL	71,772	2.64	50	0.00	5,061	0.18			
090111	MASS MEDIA	84	0.00	106,739	3.96	120,073	4.39			
090121	INTERCULTURAL COMMUNICATIONS	.	.	.	.	.	.
090200	ADVERTISING, OTHER	4,534	0.17	2,108	0.08	165	0.01			
090211	ADVERTISING	.	.	.	.	5,630	0.21
090300	COMMUNICATIONS RESEARCH, OTHER	.	.	.	.	174	0.01



Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER						
090411	JOURNALISM 1	166,665	6.14	127	0.00	2,202	0.08
090412	JOURNALISM 2	38,230	1.41	180,936	6.71	199,999	7.31
090413	JOURNALISM 3	8,922	0.33	44,730	1.66	32,321	1.18
090421	JOURNALISM INVESTIGATIONS	1,760	0.06	8,270	0.31	7,146	0.26
090431	LITERARY MAGAZINE	1,261	0.05	1,010	0.04	355	0.01
090441	YEARBOOK PRODUCTION 1	115,579	4.25	121,846	4.52	73,115	2.67
090442	YEARBOOK PRODUCTION 2	12,453	0.46	20,348	0.75	8,914	0.33
090500	PUBLIC RELATIONS, OTHER			774	0.03	173	0.01
090600	RADIO/TELEVISION NEWS BROADCAST, OTHER			44	0.00	257	0.01
C90611	BROADCAST JOURNALISM	1,736	0.06	2,096	0.08	3,144	0.11
090612	CAREERS IN RADIO/TELEVISION BROADCASTING	347	0.01	1,140	0.04		
G90700	RADIO/TELEVISION, OTHER GENERAL						
090711	BROADCASTING, INTRODUCTION	4,836	0.18	5,976	0.22	503	0.02
090721	TELEVISION AND TASTE	100	0.00	1,429	0.05	7,854	0.29
090811	SIGN LANGUAGE 1	12,723	0.47	3,626	0.13	4,232	0.15
090812	SIGN LANGUAGE 2	2,618	0.10				
099900	COMMUNICATIONS, OTHER	248	0.01	71	0.00		
100100	COMMUNICATION TECHNOLOGIES, OTHER	354	0.01			4,814	0.18
100110	WORLD OF COMMUNICATIONS	13,820	0.51	3,942	0.15	511	0.02
100121	COMMUNICATIONS MEDIA PRODUCTION	10,065	0.37	11,570	0.43	4,516	0.17
100131	PHOTOGRAPHY, COMMERCIAL	27,785	1.02	13,181	0.49	19,409	0.71
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL	1,563	0.06	1,551	0.06	7,470	0.27
100141	BROADCAST MANAGEMENT 1	842	0.03	1,526	0.06	374	0.01
100142	BROADCAST MANAGEMENT 2			101	0.00	468	0.02
100143	BROADCASTING PRACTICUM	536	0.02	305	0.01	479	0.02
100151	FILM MAKING AND PRODUCTION 1	2,136	0.08	10,811	0.40	24,667	0.90
100152	FILM MAKING AND PRODUCTION 2	173	0.01			4,674	0.17
100161	RADIO PRODUCTION	683	0.03	509	0.02	16,048	0.59
100171	TELEVISION PRODUCTION 1	44,970	1.66	17,601	0.65	22,524	0.82
100172	TELEVISION PRODUCTION 2	3,850	0.14	3,896	0.14		
100173	TELEVISION PRODUCTION 3	128	0.00			4,003	0.15
100174	TELEVISION PRODUCTION 4	64	0.00				
100181	CABLE TELEVISION						
100191	RADIO/TELEVISION PRODUCTION 1	883	0.03	388	0.01		
100192	RADIO/TELEVISION PRODUCTION 2	198	0.01	5,590	0.21		
101000	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL	307	0.01	1,289	0.05		
110111	COMPUTER APPRECIATION	471,652	17.36	426,806	15.83	4,387	0.16
110121	COMPUTER MATHEMATICS 1	69,974	2.58	100,563	3.73	44,696	1.63
110122	COMPUTER MATHEMATICS 2	5,219	0.19	12,544	0.47	77,742	2.84
110131	COMPUTER APPLICATIONS	149,289	5.50	27,059	1.00	5,254	0.19
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY	12,773	0.47	6,850	0.25	2,272	0.08
110141	COMPUTER SCIENCE, ADVANCED PLACEMENT	18,060	0.66	21,890	0.81	9,069	0.33
110200	COMPUTER PROGRAMMING, OTHER					1,992	0.07
110211	COMPUTER PROGRAMMING 1	206,128	7.59	328,443	12.18	103,674	3.79

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
110212	COMPUTER PROGRAMMING 2	19,456	0.72	53,599	1.99	10,466	0.38
110213	COMPUTER PROGRAMMING 3	4,065	0.15	1,447	0.05	5,870	0.21
110221	FORTRAN, INTRODUCTION	11,300	0.42	5,969	0.22	1,029	0.04
110231	PASCAL, INTRODUCTION	36,604	1.35	45,821	1.70	23,380	0.85
110232	ADVANCED PASCAL	5,616	0.21	2,527	0.09	2,296	0.08
110241	BASIC, INTRODUCTION	219,576	8.08	226,227	8.59	2,296	0.08
110242	ADVANCED BASIC	19,580	0.72	22,263	0.83	2,296	0.08
110251	COBOL, INTRODUCTION	6,260	0.23	5,458	0.20	2,296	0.08
110252	ADVANCED COBOL	2,137	0.01	170	0.01	2,296	0.08
110261	LOGO, INTRODUCTION	2,795	0.10	641	0.02	2,296	0.08
110271	RPG PROGRAMMING, INTRODUCTION	2,910	0.11	2,638	0.10	2,296	0.08
110300	DATA PROCESSING, OTHER	24,724	0.91	71,478	2.65	87	0.00
110311	DATA PROCESSING, INTRODUCTION	6,117	0.23	9,499	0.35	101,229	3.70
110312	DATA PROCESSING, INTERMEDIATE	235	0.01	3,154	0.12	9,402	0.34
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION			157	0.01	3,048	0.11
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER			84	0.00		
110500	SYSTEMS ANALYSIS, OTHER	513	0.02				
119900	COMPUTER AND INFORMATION SCIENCES, OTHER	155	0.01			1,874	0.07
120111	DRY CLEANING 1					881	0.03
120211	SPORTS OFFICIATING			751	0.03	1,607	0.06
120300	FUNERAL SERVICES, OTHER					2,369	0.09
120411	COSMETOLOGY	31,307	1.15	27,806	1.03	28,523	1.03
120412	COSMETOLOGY 2	8,051	0.30	15,740	0.58	13,244	0.48
120413	COSMETOLOGY 3	1,946	0.07	2,893	0.11	3,525	0.13
120414	COSMETOLOGY - COOPERATIVE EDUCATION 2			719	0.03		
120415	COSMETOLOGY - COOPERATIVE EDUCATION 2			250	0.01		
120421	BARBERING 1						
120431	PERSONAL SERVICES OCCUPATIONS	325	0.01			859	0.03
120511	GENERAL SERVICES OCCUPATIONS 1	1,283	0.05			689	0.03
120512	GENERAL SERVICES OCCUPATIONS 2	176	0.01	1,997	0.07		
120513	GENERAL SERVICES OCCUPATIONS 3			2,244	0.08		
120514	GENERAL SERVICES OCCUPATIONS 4			2,864	0.11		
120521	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 1			2,677	0.10		
120522	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 2			1,678	0.06		
120523	BUILDING & GROUNDS MAINTENANCE OCCUPATIONS 3			391	0.01		
120531	INDUSTRIAL MAINTENANCE/MECHANICS 1	199	0.01	391	0.01		
129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER						
130100	EDUCATION, OTHER GENERAL	358	0.01			2,424	0.09
130200	BILINGUAL/BICULTURAL EDUCATION, OTHER					687	0.03
130300	CURRICULUM AND INSTRUCTION, OTHER					158	0.01
130400	EDUCATION ADMINISTRATION, OTHER					33	0.00
130800	SCHOOL PSYCHOLOGY, OTHER					163	0.01
131000	SPECIAL EDUCATION, OTHER					507	0.02
131100	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER					1,987	0.07
						3,672	0.13



Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
131200	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER	2,719	0.10	.	.	2,079	0.08
131300	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER	.	.	.	.	2,206	0.08
131400	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE, OTHER	.	.	.	.	17	0.00
139900	EDUCATION, OTHER	65	0.00	156	0.01	2,138	0.08
140100	ENGINEERING, OTHER GENERAL	758	0.03	99	0.00	521	0.02
140111	ORIENTATION TO ENGINEERING	376	0.01	102	0.00	.	.
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING, OTHER	.	.	516	0.02	.	.
140221	AEROSPACE ENGINEERING DESIGN	.	.	.	.	873	0.03
140300	AGRICULTURAL ENGINEERING, OTHER	.	.	.	.	555	0.02
141000	ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS ENGINEERING, OTHER	.	.	.	.	164	0.01
141200	ENGINEERING RELATED, OTHER	.	.	.	.	.	.
141211	INSTRUMENTATION PHYSICS 1	.	.	382	0.01	.	.
141212	INSTRUMENTATION PHYSICS 2	.	.	221	0.01	.	.
141300	ENGINEERING SCIENCE, OTHER	.	.	.	.	41	0.00
141700	INDUSTRIAL ENGINEERING, OTHER	.	.	.	.	444	0.02
141800	MATERIALS, ENGINEERING, OTHER	.	.	.	.	1,566	0.06
141911	STRENGTH OF MATERIALS - MECHANICAL TECHNOLOGY	1,054	0.04	215	0.01	.	.
142000	METALLURGICAL ENGINEERING, OTHER	.	.	.	.	343	0.01
142300	NUCLEAR ENGINEERING, OTHER	.	.	.	.	371	0.01
142400	NUCLEAR ENGINEERING, OTHER	.	.	.	.	118	0.00
142611	OCEAN ENGINEERING, OTHER	.	.	555	0.02	.	.
142611	CARTOGRAPHY	.	.	.	.	.	.
149900	ENGINEERING, OTHER	350	0.01	.	.	506	0.02
150111	STRUCTURAL ENGINEERING TECHNICIAN	.	.	.	.	166	0.01
150200	CIVIL TECHNOLOGIES, OTHER	.	.	.	.	1,921	0.07
150211	SURVEYING	.	.	.	.	191	0.01
150311	AUDIO ELECTRONICS	.	.	940	0.03	.	.
150321	ELECTRICAL TECHNOLOGY	174	0.01	.	.	.	.
150331	ELECTRONIC TECHNOLOGY 1	2,950	0.11	5,023	0.19	3,300	0.12
150332	ELECTRONIC TECHNOLOGY 2	954	0.04	1,248	0.05	2,901	0.11
150333	ELECTRONICS FABRICATION	92	0.00	166	0.01	1,171	0.04
150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN	291	0.01	.	.	.	.
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE	3,090	0.11	3,240	0.12	126	0.00
150411	ELECTROMECHANICAL TECHNOLOGY 1	.	.	196	0.01	638	0.02
150412	ELECTROMECHANICAL TECHNOLOGY 2	.	.	164	0.01	.	.
150421	INSTRUMENTATION TECHNOLOGY	21,592	0.79	5,209	0.19	151	0.01
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)	.	.	.	.	.	.
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES	137	0.01	.	.	581	0.02
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER	2,985	0.11	582	0.02	480	0.02
150601	INDUSTRIAL RESEARCH & DEVELOPMENT	11,546	0.43	1,737	0.06	.	.
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1	.	.	139	0.01	653	0.02
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2	.	.	253	0.01	.	.
150631	OPTICS TECHNOLOGY	.	.	.	.	.	.
150711	QUALITY CONTROL TECHNOLOGY	728	0.03	.	.	.	.
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER	347	0.01	.	.	.	.
150811	AUTOMOTIVE DESIGN & TECHNOLOGY	65	0.00	27	0.00	3,442	0.13

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCS CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER	.	.	.	.	1,220	0.04
150911	MINING TECHNOLOGY	.	.	.	.	184	0.01
150921	PETROLEUM TECHNOLOGY	.	.	950	0.04	190	0.01
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER	.	.	27	0.00	1,199	0.04
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER	349	0.01	3,825	0.14	1,111	0.04
160111	FOREIGN LANGUAGE, EXPLORATORY	2,740	0.10	24,957	1.67	8,857	0.32
160121	ENGLISH AS A SECOND LANGUAGE 1	45,345	1.67	25,748	0.92	3,314	0.12
160122	ENGLISH AS A SECOND LANGUAGE 2	24,936	0.92	18,142	0.86	2,147	0.08
160123	ENGLISH AS A SECOND LANGUAGE 3	23,456	0.86	8,744	0.32	1,638	0.06
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB	26,775	0.99	7,928	0.30	.	.
160125	TRANSITIONAL ENGLISH	6,974	0.26	.	.	.	.
160200	AFRICAN (NON-SEMITE) LANGUAGES, OTHER	117	0.00	297	0.01	445	0.02
160211	SWAHILI 1	.	.	.	.	73	0.00
160212	SWAHILI 2	.	.	337	0.01	.	.
160221	AMHARIC 1 (ETHIOPIAN)	154	0.01	214	0.01	.	.
160222	AMHARIC 2 (ETHIOPIAN)	.	.	502	0.02	596	0.02
160300	ASIATIC LANGUAGES, OTHER	1,938	0.07	654	0.02	883	0.03
160311	CANTONESE 1	.	.	629	0.02	97	0.00
160312	CANTONESE 2	.	.	241	0.01	.	.
160313	CANTONESE 3	.	.	958	0.04	354	0.01
160321	MANDARIN 1	1,677	0.06	531	0.02	.	.
160322	MANDARIN 2	203	0.01	101	0.00	.	.
160323	MANDARIN 3	200	0.01	2,305	0.09	3,984	0.15
160331	JAPANESE 1	18,690	0.69	1,587	0.06	2,694	0.10
160332	JAPANESE 2	8,727	0.32	1,456	0.05	1,203	0.04
160333	JAPANESE 3	3,887	0.14	.	.	468	0.02
160334	JAPANESE 4	1,907	0.07	.	.	1,451	0.05
160341	HAWAIIAN	44	0.00	.	.	.	.
160345	HAWAIIAN LANGUAGE AND CULTURE	634	0.02	49	0.00	178	0.01
160351	KOREAN 1	744	0.03	49	0.00	.	.
160352	KOREAN 2	178	0.01	49	0.00	.	.
160353	KOREAN 3	.	.	.	.	.	.
160400	BALTO-SLAVIC LANGUAGES, OTHER	393	0.01	5,668	0.21	2,356	0.09
160421	RUSSIAN 1	7,445	0.27	2,584	0.10	1,392	0.05
160422	RUSSIAN 2	2,530	0.09	1,584	0.05	572	0.02
160423	RUSSIAN 3	742	0.03	.	.	144	0.01
160424	RUSSIAN 4	879	0.03	79	0.00	.	.
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN INDEPENDENT STUDY	1,138	0.04	.	.	1,708	0.06
160433	CZECH 3	.	.	182	0.01	276	0.01
160441	POLISH 1	791	0.03	79	0.00	138	0.01
160442	POLISH 2	.	.	99	0.00	.	.
160451	FINNISH 1	.	.	99	0.00	.	.
160452	FINNISH 2	.	.	99	0.00	.	.
160453	FINNISH 3	.	.	99	0.00	.	.
160500	GERMANIC LANGUAGES, OTHER	.	.	.	.	277	0.01

5

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
160501	DUTCH 1	138	0.01	.	.	.	.
160502	DUTCH 2	138	0.01	.	.	.	.
160503	DUTCH 3	138	0.01	.	.	.	.
160511	GERMAN 7	374	0.01	92	0.00	850	0.03
160512	GERMAN 8	138,787	5.11	46	0.00	113,479	4.15
160513	GERMAN 1	111,925	4.12	132,872	4.93	83,928	3.07
160514	GERMAN 2	53,413	1.97	92,797	3.44	43,866	1.60
160515	GERMAN 3	15,240	0.56	46,580	1.73	17,048	0.62
160516	GERMAN 4	4,469	0.16	16,063	0.60	1,932	0.07
160517	GERMAN, ADVANCED PLACEMENT	.	.	2,392	0.09	1,139	0.01
160518	GERMAN FIELD-BASED EXPERIENCE	59	0.00	170	0.01	1,081	0.04
160519	FOREIGN LANGUAGE CONTRACT, GERMAN INDEPENDENT STUDY	311	0.01	.	.	409	0.01
160521	NORWEGIAN 1	.	.	.	.	171	0.01
160522	NORWEGIAN 2	.	.	.	.	.	.
160531	SWEDISH 1	33	0.00	276	0.01	.	.
160532	SWEDISH 2	33	0.00	276	0.01	35	0.00
160533	SWEDISH 3	.	.	188	0.01	2,328	0.09
160600	GREEK, OTHER	189	0.01	.	.	.	.
160611	MODERN GREEK FOR SURVIVAL	619	0.02	114	0.00	924	0.03
160621	MODERN GREEK	.	.	364	0.01	.	.
160622	MODERN GREEK 2	.	.	984	0.04	.	.
160623	MODERN GREEK 3	.	.	59	0.00	.	.
160631	CLASSICAL GREEK 1	2,112	0.08	255	0.01	.	.
160632	CLASSICAL GREEK 2	303	0.01	30	0.00	.	.
160633	CLASSICAL GREEK 3	100	0.00	188	0.01	.	.
160634	CLASSICAL GREEK 4	.	.	364	0.01	.	.
160700	INDIC LANGUAGES, OTHER	1,641	0.06	984	0.04	.	.
160800	IRANIAN LANGUAGES, OTHER	188	0.01	59	0.00	.	.
160900	ITALIC LANGUAGES, OTHER	.	.	255	0.01	.	.
160901	FRENCH 7	188	0.01	30	0.00	1,032	0.04
160902	FRENCH 8	.	.	184	0.01	181	0.01
160903	FRENCH 1	501,062	18.45	707	0.03	256	0.01
160904	FRENCH 2	403,043	14.84	531,412	19.71	401,512	14.67
160905	FRENCH 3	199,700	7.35	401,054	14.87	283,894	10.37
160906	FRENCH 4	66,071	2.43	195,508	7.25	133,340	4.87
160907	FRENCH, ADVANCED PLACEMENT	33,342	1.23	85,971	3.19	58,192	2.13
160908	FOREIGN FIELD-BASED EXPERIENCE	148	0.01	21,598	0.80	15,641	0.57
160909	FOREIGN LANGUAGE CONTRACT, FRENCH INDEPENDENT STUDY	121	0.00	65	0.00	822	0.03
160910	FRENCH, CONVERSATIONAL	933	0.03	2,818	0.10	1,800	0.07
160912	ITALIAN 8	.	.	284	0.01	3,263	0.12
160913	ITALIAN 1	9,202	0.34	20,793	0.77	227	0.01
160914	ITALIAN 2	9,022	0.33	17,554	0.65	15,224	0.56
160915	ITALIAN 3	3,309	0.12	11,760	0.44	13,080	0.48
160916	ITALIAN 4	1,302	0.05	2,575	0.10	9,437	0.34
160917	ITALIAN, ADVANCED PLACEMENT	735	0.03	616	0.02	3,445	0.13

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
160918	ITALIAN FIELD-BASED EXPERIENCE						
160920	LATIN 1	102,142	3.76	113,660	0.00	92,858	3.39
160921	LATIN 2	66,982	2.47	77,162	4.21	46,982	1.72
160922	LATIN 3	24,787	0.91	25,028	0.93	14,263	0.52
160923	LATIN 4	5,652	0.21	6,901	0.26	5,080	0.19
160924	LATIN, ADVANCED PLACEMENT	6,837	0.25	5,147	0.19	3,548	0.13
160925	FOREIGN LANGUAGE CONTRACT, LATIN	801	0.03	48	0.00	7	0.00
160926	PORTUGUESE 1	1,375	0.05	11,082	0.41	597	0.02
160927	PORTUGUESE 2	204	0.01	10,129	0.38	947	0.03
160928	PORTUGUESE 3	306	0.01	4,223	0.16	947	0.03
160929	PORTUGUESE 4	204	0.01	1,590	0.06	408	0.01
160930	PORTUGUESE 5						
160931	SPANISH 7	5,876	0.22	181	0.01	3,756	0.14
160932	SPANISH 8	6,736	0.25	5,961	0.01	2,790	0.10
160933	SPANISH 1	1,130,001	41.60	3,011	0.11	1,806	0.07
160934	SPANISH 2	882,537	32.49	999,489	37.06	720,690	26.33
160935	SPANISH 3	333,812	12.29	708,279	26.27	480,853	17.57
160936	SPANISH 4	105,507	3.88	264,779	9.82	181,515	6.63
160937	SPANISH, ADVANCED PLACEMENT	49,150	1.81	79,485	2.95	64,589	2.36
160938	SPANISH FIELD-BASED EXPERIENCE	435	0.02	25,002	0.93	15,785	0.58
160939	FOREIGN LANGUAGE CONTRACT, SPANISH INDEPENDENT STUDY	1,630	0.06	744	0.03	2,302	0.08
160940	SPANISH FOR NATIVE SPEAKERS (CHANGED TO 161311-161315)			943	0.03	5,108	0.19
160941	SPANISH FOR TRAVELERS	2,588	0.10	3,174	0.12	9,469	0.35
160942	SPANISH, COMMERCIAL	531	0.02	586	0.02	3,360	0.12
161000	NATIVE AMERICAN LANGUAGES, OTHER			404	0.01	774	0.03
161111	HEBREW 1	3,207	0.12	1,769	0.07	2,341	0.09
161112	HEBREW 2	1,213	0.04	1,282	0.05	784	0.03
161113	HEBREW 3	369	0.01	562	0.02	530	0.02
161114	HEBREW 4	753	0.03	191	0.01	255	0.01
161115	ARABIC 1	466	0.02	402	0.01		
161211	TURKISH 1			168	0.01		
161311	SPANISH FOR NATIVE SPEAKERS 1	12,696	0.47	11,410	0.42		
161312	SPANISH FOR NATIVE SPEAKERS 2	8,007	0.29	7,780	0.29		
161313	SPANISH FOR NATIVE SPEAKERS 3	2,934	0.11	3,986	0.15		
161314	SPANISH FOR NATIVE SPEAKERS 4	579	0.02	1,289	0.05		
161315	SPANISH FOR NATIVE SPEAKERS 5/ADVANCED PLACEMENT	508	0.02	58	0.00		
161321	PORTUGUESE FOR NATIVE SPEAKERS 1			59	0.00		
161323	PORTUGUESE FOR NATIVE SPEAKERS 3			59	0.00		
161324	PORTUGUESE FOR NATIVE SPEAKERS 4			59	0.00		
161351	CHINESE FOR NATIVE SPEAKERS 1	129	0.00				
161352	CHINESE FOR NATIVE SPEAKERS 2	132	0.00				
161361	FRENCH FOR NATIVE SPEAKERS 1	413	0.02				
161362	FRENCH FOR NATIVE SPEAKERS 2	209	0.01				
161364	FRENCH FOR NATIVE SPEAKERS 4	35	0.00				
169900	FOREIGN LANGUAGES, OTHER	5,427	0.20	825	0.03	590	0.02



Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
170100	DENTAL SERVICES, OTHER						
170111	DENTAL ASSISTANT 1	1,630	0.06	1,262	0.05	170	0.01
170112	DENTAL ASSISTANT 2			317	0.01	1,152	0.04
170121	DENTAL ASSISTANT, COOPERATIVE	51	0.00	78	0.00	421	0.02
170131	DENTAL TECHNOLOGY 1	75	0.00	728	0.03	1,167	0.04
170132	DENTAL TECHNOLOGY 2			379	0.01	36	0.00
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER						
170211	FIRST AID	26,020	0.96	49,311	1.83	7	0.00
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER						
170311	LABORATORY PROGRAM 1	131	0.00	2,132	0.08	41,825	1.53
170312	LABORATORY PROGRAM 2					257	0.01
170321	CHEMICAL TECHNOLOGY 1			291	0.01	8,599	0.31
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER					905	0.03
170411	HOME HEALTH AIDE	264	0.01	468	0.02	12,191	0.45
170421	COMMUNITY HEALTH	519	0.02	189	0.01	2,973	0.11
170431	MENTAL HEALTH WORKER	210	0.01	2,148	0.08	1,084	0.04
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER					1,803	0.07
170511	HEALTH OCCUPATIONS 1	27,557	1.01	38,716	1.44	1,555	0.06
170521	HEALTH OCCUPATIONS 2	5,115	0.19	11,125	0.41	32,634	1.19
170531	MEDICAL TERMINOLOGY			659	0.02	10,214	0.37
170541	MEDICAL RECORDS SECRETARY			586	0.02	1,290	0.05
170551	MEDICAL ASSISTING	377	0.01	2,503	0.09	1,198	0.04
170561	SPORTS MEDICINE	11,456	0.42	3,614	0.13	2,377	0.09
170571	VETERINARY SCIENCE	2,416	0.09	3,574	0.13	1,388	0.05
170581	CHEMISTRY FOR HEALTH SCIENCE	1,046	0.04	4,574	0.17	2,267	0.08
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY	457	0.02	595	0.02	3,308	0.12
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1			3,185	0.12	747	0.03
170600	NURSING-RELATED SERVICES, OTHER						
170611	STUDENT ASSESSMENT OF CHILD HEALTH					411	0.02
170621	NURSING, PRACTICAL	787	0.03	1,056	0.04	111	0.00
170631	NURSE'S AIDE AND ORDERLY	2,196	0.08	5,092	0.19	111	0.00
170641	NURSE'S AIDE, COOPERATIVE	3,923	0.14	7,811	0.29	4,578	0.17
170711	OPTICAL SERVICES ASSISTANT	177	0.01	3,140	0.12	5,910	0.22
179900	ALLIED HEALTH, OTHER	419	0.02			2,323	0.08
180400	DENTISTRY, OTHER	131	0.00	144	0.01	57	0.00
180800	Hematology, Other			112	0.00	36	0.00
180900	MEDICAL LABORATORY, OTHER	135	0.00	154	0.01		
181000	Medicine, Other						
181100	Nursing, Other						
181400	Pharmacy, Other						
181411	Pharmacy Technician					688	0.03
181800	Pre-Medicine, Other	53	0.00	112	0.00	270	0.01
181801	Pre-Medicine, Other			138	0.01	562	0.02
189900	Medical Ethics			140	0.01	147	0.01
190100	Health Sciences, Other	66	0.00	913	0.03	177	0.01
	Home Economics, Other						
	General						
						2,430	0.09

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
190300	FAMILY AND COMMUNITY SERVICES, OTHER	.	.	723	0.03	.	0.01
190400	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER	.	.			251	0.09
190500	FOOD SCIENCES AND HUMAN NUTRITION, OTHER	.	.	1,172	0.04	2,421	0.01
190600	HUMAN ENVIRONMENT AND HOUSING, OTHER	.	.	.	.	190	0.01
190900	TEXTILES AND CLOTHING, OTHER	547	0.02	.	.	3,295	0.12
199900	HOME ECONOMICS, OTHER	250	0.01	1,382	0.05	4,493	0.16
200100	CONSUMER AND HOMEMAKING HOME ECONOMICS, OTHER	175	0.01	175	0.01	2,384	0.09
200111	HOME ECONOMICS 7	978	0.04			1,134	0.04
200112	HOME ECONOMICS 8	323,963	11.93	351,826	13.05	388,089	14.18
200113	HOME ECONOMICS 1	47,399	1.74	76,851	2.85	116,446	4.25
200114	HOME ECONOMICS 2	14,678	0.54	17,929	0.66	36,834	1.35
200115	HOME ECONOMICS 3	4,204	0.15	8,225	0.31	28,493	1.04
200116	HOME ECONOMICS 4	225,175	8.29	198,422	7.36	180,372	6.59
200117	ADULT ROLES AND FUNCTIONS	994	0.04	5,633	0.21	1,072	0.04
200118	COMPREHENSIVE CONSUMER AND HOMEMAKING HOME ECONOMICS, INDEPENDENT STU	3,191	0.12	284	0.01	2,411	0.09
200121	CHILD DEVELOPMENT 8	145,351	5.35	200,537	7.44	172,020	6.29
200122	CHILD DEVELOPMENT 1	5,732	0.21	8,962	0.33	9,387	0.34
200123	CHILD DEVELOPMENT 2	4,378	0.16	2,680	0.10	9,050	0.33
200124	CHILD DEVELOPMENT 3	11,514	0.42	1,609	0.06	10,163	0.37
200125	CHILD DEVELOPMENT 4	.	.	667	0.02	.	0.00
200126	CURRENT ISSUES IN CHILD DEVELOPMENT	.	.	.	.	.	.
200131	CLOTHING 7	.	.	.	.	2,769	0.10
200132	CLOTHING 8	.	.	.	.	448	0.02
200133	CLOTHING 1	126,244	4.65	134,537	4.99	188,218	6.88
200134	CLOTHING 2	17,151	0.63	30,762	1.14	58,970	2.15
200135	CLOTHING 3	6,140	0.23	9,821	0.36	14,257	0.52
200136	CLOTHING 4	3,176	0.12	477	0.02	8,014	0.29
200137	TAILORING	948	0.03	521	0.02	7,992	0.29
200141	CONSUMER EDUCATION 2	221,324	8.15	214,679	7.96	238,796	8.73
200142	CONSUMER EDUCATION 1	5,569	0.21	4,278	0.16	7,593	0.28
200151	HOME ECONOMICS OCCUPATIONS 1, EXPLORATORY	7,775	0.29	20,820	0.77	20,707	0.76
200152	HOME ECONOMICS OCCUPATIONS 2, EXPLORATORY	5,553	0.02	4,150	0.15	2,358	0.09
200153	HOME ECONOMICS LABORATORY ASSISTANT	5,067	0.19	5,574	0.21	1,321	0.05
200161	FAMILY HEALTH 1	4,276	0.16	10,118	0.38	8,570	0.31
200162	FAMILY HEALTH 2	.	.	142	0.01	502	0.02
200171	FAMILY RELATIONS	238,228	8.77	224,177	8.31	289,983	10.60
200172	MARRIAGE SOCIETY AND CHANGE	31,115	1.15	33,290	1.23	43,301	1.58
200173	PARENTHOOD	132,706	4.89	62,156	2.30	36,377	1.33
200181	FOODS AND NUTRITION 7	.	.	1,699	0.06	2,125	0.08
200182	FOODS AND NUTRITION 8	.	.	.	.	4,115	0.15
200183	FOODS 1	366,921	13.51	357,734	13.27	362,263	13.24
200184	FOODS 2	89,828	3.31	95,204	3.53	104,689	3.83
200185	FOODS 3	52,475	1.20	52,806	1.22	46,586	1.69
200186	FOODS 4	8,175	0.30	2,797	0.10	14,566	0.53
200187	INTERNATIONAL FOODS	8,083	0.30	23,582	0.87	15,391	0.56

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
200188	NUTRITION	36,685	1.35	19,263	0.71	7,881	0.29
200191	HOME MANAGEMENT 1	24,128	0.89	17,436	0.65	18,760	0.69
200192	HOME MANAGEMENT 2	571	0.02	221	0.01	165	0.01
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1	9,427	0.35	10,109	0.37	.	.
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2	441	0.02	572	0.02	.	.
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER	58,856	2.17	40,158	1.49	2,775	0.10
200211	CHILD CARE SERVICES	3,063	0.11	4,607	0.17	35,904	1.31
200221	CHILD CARE AIDE	2,492	0.09	3,959	0.15	6,748	0.25
200241	FOSTER CARE AND FAMILY CARE	9,124	0.34	23,294	0.86	1,323	0.05
200251	TEACHER AIDE/ELEMENTARY	6,890	0.25	8,436	0.31	52,540	1.92
200252	TEACHER AIDE/SECONDARY	1,383	0.05	3,843	0.14	.	.
200261	CHILD CARE - COOPERATIVE EDUCATION 1	389	0.01	1,677	0.06	.	.
200262	CHILD CARE - COOPERATIVE EDUCATION 2	197	0.01	395	0.01	1,295	0.05
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES,	3,887	0.14	4,360	0.16	6,640	0.24
200311	CLOTHING OCCUPATIONS 1	3,887	0.14	4,360	0.16	6,640	0.24
200312	CLOTHING OCCUPATIONS 2	535	0.03	1,670	0.06	927	0.03
200313	CLOTHING OCCUPATIONS 3	138	0.02	985	0.04	.	.
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 1	375	0.01	109	0.00	.	.
200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2	84	0.00	455	0.02	370	0.01
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION	84	0.00	455	0.02	518	0.02
200341	CUSTOM APPAREL CONSTRUCTION	5,850	0.22	565	0.02	1,395	0.05
200351	CUSTOM TAILORING AND ALTERATION	1,676	0.06	4,389	0.16	384	0.01
200371	FASHION AND FABRIC COORDINATION	1,773	0.07	166	0.01	104	0.00
200381	TEXTILES TESTING	33,557	1.24	559	0.02	2,381	0.09
200391	CLOTHING PRODUCTION MANAGEMENT	7,942	0.29	38,284	1.42	33,223	1.21
200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER	4,575	0.17	9,165	0.34	3,989	0.15
200411	FOOD SERVICE TRAINING 1	1,988	0.07	1,402	0.05	8,439	0.31
200412	FOOD SERVICE TRAINING 2	3,291	0.12	1,790	0.07	6,669	0.24
200415	FOOD SERVICES/RESTAURANT MANAGEMENT	1,252	0.05	1,116	0.04	1,601	0.06
200421	FOOD SERVICE COOPERATIVE TRAINING	277	0.01	879	0.03	1,545	0.06
200431	BAKING	397	0.01	368	0.01	.	.
200441	CHEF	277	0.01	579	0.02	.	.
200451	CATERING	397	0.01	1,940	0.07	1,301	0.05
200461	DIETETIC AIDE	63,679	2.34	212	0.01	53,054	1.94
200471	FOOD TESTING	4,394	0.16	71,389	2.65	4,318	0.16
200500	SCHOOL FOOD SERVICE	1,564	0.06	2,193	0.08	888	0.03
200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES,	.	.	49	0.00	912	0.03
200511	HOUSING AND INTERIOR DESIGN 1	.	.	840	0.03	8,541	0.31
200512	HOUSING AND INTERIOR DESIGN 2	.	.	2,077	0.08	176	0.01
200513	INTERIOR DESIGN OCCUPATIONS	.	.	317	0.01	498	0.02
200521	FLORAL DESIGN	.	.	.	.	.	.
200531	HOME DECORATING	.	.	.	.	.	.
200541	HOME FURNISHINGS AIDE	.	.	.	.	.	.
200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER	.	.	.	.	.	.

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES		
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	
200611	CUSTODIAL SERVICES	207	0.01	146	0.01	655	0.02			
200621	EXECUTIVE HOUSEKEEPING	.	.	.	.	662	0.02		
200631	HOMEMAKER'S AIDE	278	0.01	.	.	2,374	0.09			
200641	COMPANION TO THE AGED	185	0.01	1,191	0.04	.	.			
200651	CONSUMER AIDE	100	0.00	61	0.00	.	.			
200661	THERAPEUTIC RECREATION AIDE	1,861	0.07	207	0.01	.	.			
200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCAT:	2,706	0.10	.	.	722	0.03			
209900	VOCATIONAL HOME ECONOMICS, OTHER	1,051	0.04	.	.	6,218	0.23			
210100	INDUSTRIAL ARTS, OTHER	2,168	0.08	.	.	48	0.00			
210101	INDUSTRIAL ARTS 7	156,470	5.76	235	0.01	1,244	0.05			
210102	INDUSTRIAL ARTS 8	17,835	0.66	235,221	8.72	280,314	10.24			
210103	INDUSTRIAL ARTS 1	3,020	0.11	33,709	1.25	41,400	1.51			
210104	INDUSTRIAL ARTS 2	1,258	0.05	9,911	0.37	11,811	0.43			
210105	INDUSTRIAL ARTS 3	20,708	0.76	5,938	0.22	9,877	0.36			
210106	INDUSTRIAL ARTS 4	12,801	0.47	3,018	0.11	5,845	0.21			
210107	INDUSTRY AND TECHNOLOGY	18,669	0.69	10,089	0.37	11,752	0.43			
210108	INDUSTRIAL PRODUCTION	5,863	0.22	24,204	0.90	32,427	1.18			
210109	INDUSTRIAL OCCUPATIONS 1	22,792	0.84	4,602	0.17	3,950	0.14			
210110	INDUSTRIAL OCCUPATIONS 2	5,261	0.19	24,694	0.92	7,590	0.28			
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE	37,846	1.39	5,376	0.20	1,067	0.04			
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED	3,588	0.13	34,924	1.30	71,362	2.61			
210113	ELECTRICITY 1	51,849	1.91	63,065	2.34	13,363	0.49			
210114	ELECTRICITY 2	5,619	0.21	17,692	0.66	55,684	2.03			
210115	ELECTRONICS 1	1,699	0.06	1,710	0.06	13,691	0.50			
210116	ELECTRONICS 2	272	0.01	378	0.01	2,736	0.10			
210117	ELECTRONICS 3	31,580	1.16	18,702	0.69	11,847	0.43			
210118	ELECTRONICS 4	1,604	0.06	3,141	0.12	1,899	0.07			
210119	ELECTRICITY AND ELECTRONICS, INTRODUCTION	16,861	0.62	18,548	0.69	36,586	1.34			
210120	ELECTRICITY AND ELECTRONICS, ADVANCED	1,832	0.07	8,940	0.33	11,437	0.42			
210121	MACHINE SHOP 1	432	0.02	1,165	0.04	2,857	0.10			
210122	MACHINE SHOP 2	77	0.00	1,759	0.03	1,411	0.05			
210123	MACHINE SHOP 3	2,389	0.09	9,599	0.36	15	0.00			
210124	MACHINE SHOP 4	5,112	0.19	5,968	0.22	1,335	0.05			
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE	485	0.02	118	0.00	16,695	0.61			
210126	INDUSTRIAL ARTS RESEARCH	25,081	0.92	29,815	1.11	31,160	1.14			
220100	LAW, OTHER	140,126	5.16	152,767	5.67	135,206	4.94			
220111	LAW FUNDAMENTALS	32,076	1.18	33,027	1.22	5,354	0.20			
220121	LAW AND YOU	9,491	0.35	7,974	0.30	111,866	4.09			
220131	STREET LAW	424	0.02	2,872	0.11	3,046	0.11			
230100	ENGLISH, OTHER GENERAL	.	.	6,549	0.24	1,794	0.07			
230101	ENGLISH 7	.	.	85	0.00	3,661	0.13			
230102	ENGLISH 7, HONORS	.	.	85	0.00	6,951	0.25			
230103	ENGLISH 8, BELOW GRADE LEVEL	270	0.01	1,592	0.06	4,080	0.15			
230104	ENGLISH 8	.	.	.	.	.	.
230105	ENGLISH 8, HONORS	.	.	112	0.00	.	.			

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
230106	ENGLISH 1, BELOW GRADE LEVEL	104,750	3.86	125,467	4.65	140,071	5.12
230107	ENGLISH 1, HONORS	2,126,043	78.27	2,144,688	79.53	2,073,655	75.77
230108	ENGLISH 2, BELOW GRADE LEVEL	286,690	10.55	242,098	8.98	106,293	3.88
230109	ENGLISH 2, HONORS	80,481	2.96	117,857	4.37	123,971	4.53
230110	ENGLISH 3, BELOW GRADE LEVEL	1,962,814	72.26	1,978,609	73.37	1,831,203	66.91
230111	ENGLISH 3, HONORS	317,840	11.70	324,927	12.05	149,273	5.45
230112	ENGLISH 4, BELOW GRADE LEVEL	82,074	3.02	135,036	5.01	90,871	3.32
230113	ENGLISH 4, HONORS	1,569,479	57.78	1,594,840	59.14	1,365,469	49.89
230114	ENGLISH 4, BELOW GRADE LEVEL	263,262	9.69	286,067	10.61	132,707	4.85
230115	ENGLISH 4, HONORS	65,992	2.43	122,707	4.55	87,378	3.19
230116	ENGLISH 4, HONORS	1,289,576	47.47	1,275,850	47.31	1,040,222	38.01
230118	WORLD LITERATURE	316,769	11.66	342,638	12.71	195,207	7.13
230119	RENAISSANCE LITERATURE	161,935	5.96	118,709	4.40	139,592	5.10
230120	ROMANTICISM	865	0.03	1,752	0.06	5,709	0.21
230121	REALISM	2,680	0.10	4,454	0.17	6,567	0.24
230122	LITERATURE, CONTEMPORARY	88,941	3.27	127,751	4.74	13,899	0.51
230123	IRISH LITERATURE			671	0.02	115,191	4.21
230124	RUSSIAN LITERATURE	461	0.02	1,037	0.04	3,837	0.14
230125	BIBLE AS LITERATURE	7,192	0.26	16,901	0.63	35,356	1.29
230126	MYTHOLOGY AND FABLE	34,818	1.28	61,459	2.28	55,823	2.04
230127	DRAMA, INTRODUCTION	33,229	1.22	20,943	0.78	90,399	3.30
230128	WORLD DRAMA	13,484	0.50	9,633	0.36	6,668	0.24
230129	PLAYS, MODERN SURVEY	3,687	0.14	2,115	0.08	9,758	0.36
230130	NOVELS	12,488	0.46	28,247	1.05	63,737	2.33
230131	SHORT STORY	28,085	1.03	45,145	1.67	147,957	5.41
230132	MYSTERIES	11,375	0.42	20,899	0.78	44,710	1.63
230133	POETRY	27,827	1.02	17,362	0.64	31,476	1.15
230134	ROCK POETRY	83	0.00	273	0.01	1,583	0.06
230135	HUMOR	355	0.01	1,115	0.04	19,734	0.72
230136	BIOGRAPHY	931	0.03	290	0.01	6,360	0.23
230137	NON FICTION	7,775	0.29	8,009	0.30	22,919	0.84
230138	SCIENCE FICTION	41,012	1.51	38,346	1.42	140,654	5.14
230139	THEMES IN LITERATURE	40,595	1.49	24,558	0.91	72,956	2.67
230140	LITERATURE OF HUMAN VALUES	12,652	0.47	8,431	0.31	27,524	1.01
230141	ETHNIC LITERATURE	1,287	0.05	4,223	0.16	15,982	0.58
230142	WOMEN IN LITERATURE	1,569	0.06	3,719	0.14	15,982	0.58
230143	SPORTS THROUGH LITERATURE	5,142	0.19	1,620	0.06	30,273	1.11
230144	OCCULT LITERATURE	5,528	0.20	8,549	0.32	11,270	0.41
230145	PROTEST LITERATURE			6,438	0.24	5,715	0.21
230146	YOUTH AND LITERATURE			12,884	0.48	17,165	0.63
230147	HEROES	8,817	0.32	4,287	0.16	21,465	0.78
230148	UTOPIAS	4,982	0.18			5,617	0.21
230149	DEATH					5,606	0.20
230150	NOBEL PRIZE AUTHORS	2,742	0.10	1,468	0.05	2,778	0.10

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES		
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	PERCENTAGE OF GRADUATES WITH CARNEGIE UNITS > 0	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE		
230151	SEMINAR ON AN AUTHOR	2,801	0.10	6,242	0.23	13,687	0.50			
230152	ENGLISH, REAL LIFE PROBLEM SOLVING	5,536	0.20	16,504	0.61	8,851	0.32			
230153	READING, INDEPENDENT STUDY	32,898	1.21	112,860	4.19	169,017	6.18			
230154	RESEARCH TECHNIQUE	121,884	4.49	3,700	0.14	101,488	3.71			
230155	CHILDREN'S LITERATURE & FANTASY	5,681	0.21	14,839	0.55					
230156	VOCATIONAL ENGLISH	2,031	0.06							
230200	CLASSICS, OTHER	7,828	0.29	32,436	1.20	5,420	0.20			
230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN CLASSICAL MYTHOLOGY	326	0.01	1,042	0.04	34,252	1.25			
230300	COMPARATIVE LITERATURE, OTHER	24,803	0.91	13,604	0.50	5,052	0.11			
230311	COMPARATIVE LITERATURE	1,588	0.06	682	0.03	26,404	0.96			
230321	LATIN AMERICAN AUTHORS/LITERATURE	189	0.01	165	0.01	46,663	1.71			
230400	COMPOSITION, OTHER	298,683	11.00	292,516	10.85	494,773	18.08			
230401	COMPOSITION, EXPOSITORY	134,256	4.94	172,600	6.40	254,197	9.29			
230402	WRITING LABORATORY	18,865	0.69	28,646	1.06	25,172	0.92			
230403	WRITING ABOUT LITERATURE	18,346	0.68	19,709	0.73	65,436	2.39			
230404	VOCABULARY	6,813	0.25	3,184	0.12	8,538	0.31			
230405	SPELLING					4,025	0.15			
230406	GRAMMAR 7					3,169	0.12			
230407	GRAMMAR 8					136,382	4.98			
230408	GRAMMAR 9	27,014	0.99	13,303	0.49	104,638	3.82			
230409	GRAMMAR 10	14,989	0.55	36,541	1.36	60,721	2.22			
230410	GRAMMAR 11	5,221	0.19	40,975	1.52	49,591	1.80			
230411	GRAMMAR 12	38,343	1.41	59,163	2.19	11,223	0.41			
230412	ETYMOLOGY	15,383	0.57	8,324	0.31	11,100	0.40			
230413	HANDWRITING	1,846	0.07							
230414	INTERPERSONAL COMMUNICATION	10,961	0.40	24,893	0.92	17,700	0.65			
230415	WORD STUDY - REMEDIAL	107	0.00	1,267	0.05					
230500	CREATIVE WRITING, OTHER	116,498	4.29	99,780	3.70	3,156	0.12			
230511	CREATIVE WRITING 10	32,288	1.19	24,998	0.93	155,884	5.70			
230512	CREATIVE WRITING 11	22,564	0.83	11,972	0.44	19,903	0.73			
230513	CREATIVE WRITING 12	3,944	0.15	731	0.03	8,533	0.31			
230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY), OTHER	3,964	0.15	7,704	0.29	3,556	0.13			
230611	LITERATURE, AMERICAN, OTHER	422,081	15.54	605	0.02	18,275	0.67			
230700	AMERICAN LITERATURE	2,129	0.08	344,854	12.79	31,865	1.16			
230721	BLACK LITERATURE	8,380	0.31	3,264	0.12	502,904	18.38			
230731	AMERICAN DREAM IN LITERATURE			16,849	0.62	8,848	0.32			
230741	FOLKLORE, AMERICAN			2,381	0.09	26,572	0.97			
230751	INDIAN LITERATURE			794	0.03	8,988	0.33			
230761	STATE WRITERS			2,692	0.10	3,315	0.12			
230771	WESTERN LITERATURE	1,516	0.06	1,878	0.07	4,160	0.15			
230781	MEXICAN AMERICAN LITERATURE			368	0.01	18,481	0.68			
230800	LITERATURE, ENGLISH, OTHER	8,399	0.31	669	0.02	309	0.01			
230811	BRITISH LITERATURE SURVEY	207,686	7.65	172,619	6.40	69,770	2.55			
						203,618	7.46			

BEST COPY AVAILABLE



Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects
(For all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
230821	SHAKESPEARE	43,066	1.59	39,159	1.45	48,550	1.77
230831	MODERN BRITISH WRITERS	15,060	0.55	10,339	0.38	7,022	0.26
230841	VICTORIAN LITERATURE			10,974	0.04	2,822	0.10
230851	SATIRE, MODERN BRITISH	2,602	0.10	1,391	0.05	12,245	0.45
230861	ARTHURIAN LEGEND			1,262	0.05	414	0.02
230871	MEDIEVAL LITERATURE			2,487	0.09		
230900	RHETORIC, OTHER	840	0.03			6,714	0.25
231000	SPEECH, DEBATE, AND FORENSICS, OTHER	980	0.04			4,812	0.18
231011	PUBLIC SPEAKING	319,867	11.78	293,363	10.88	200,337	7.32
231021	SPEECH 1	246,512	9.07	226,061	8.38	345,851	12.64
231022	SPEECH 2	47,976	1.77	53,344	1.98	52,280	1.91
231023	SPEECH 3	2,913	0.11	7,567	0.28	9,137	0.33
231031	DEBATE PRACTICUM CONTRACT	1,357	0.05	4,620	0.17	4,279	0.16
231100	TECHNICAL AND BUSINESS WRITING, OTHER					2,644	0.10
231111	TECHNICAL ENGLISH	2,414	0.09	1,951	0.07	7,632	0.28
231211	READING DEVELOPMENT 1	173,909	6.40	156,406	5.80		
231212	READING DEVELOPMENT 2	40,081	1.48	71,717	2.66		
231213	READING DEVELOPMENT 3	18,333	0.67	13,417	0.50		
231214	READING DEVELOPMENT 4	9,017	0.33	9,030	0.33		
231215	SPEED READING	12,913	0.48	24,070	0.89		
231216	ADVANCED READING & STUDY SKILLS	63,015	2.32	102,609	3.80		
231311	FUNCTIONAL ENGLISH 1	128,815	4.74	97,037	3.60		
231312	FUNCTIONAL ENGLISH 2	62,015	2.28	65,079	2.41		
231313	FUNCTIONAL ENGLISH 3	52,017	1.91	61,282	2.27		
231314	FUNCTIONAL ENGLISH 4	44,300	1.63	53,599	1.99		
239900	LETTERS, OTHER		0.01			1,649	0.06
240100	LIBERAL/GENERAL STUDIES, OTHER					344	0.01
240111	LIBERAL STUDIES	5,169	0.19	2,748	0.10	1,268	0.05
240121	SUMMER ABROAD	547	0.02	60	0.00	2,289	0.08
240131	INDEPENDENT STUDY	50,955	1.88	31,817	1.18	40,789	1.49
240141	GIFTED AND TALENTED PROGRAM	6,778	0.25	13,979	0.52		
250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL			403	0.01	65	0.00
250111	LIBRARY SCIENCE	38,447	1.42	24,683	0.92	40,271	1.47
250300	LIBRARY ASSISTING, OTHER	36,730	0.03	47,899	1.78	1,113	0.04
250311	LIBRARY ASSISTANT					44,129	1.61
250400	LIBRARY SCIENCE, OTHER					149	0.01
250500	MUSEOLOGY, OTHER					27	0.00
259900	LIBRARY AND ARCHIVAL SCIENCES, OTHER			140	0.01	126	0.00
260100	BIOLOGY, OTHER GENERAL	180	0.01	1,227	0.05	23,494	0.86
260111	SCIENCL 7	145	0.01			9,099	0.33
260121	BIOLOGY, BASIC 1	356,340	13.12	322,655	11.96	629,308	22.99
260122	BIOLOGY, BASIC 2	1,233	0.05	1,239	0.05		
260131	BIOLOGY, GENERAL 1	1,991,237	73.30	1,985,606	73.63	1,356,354	49.56
260132	BIOLOGY, GENERAL 2	159,954	5.89	138,607	5.14		
260141	BIOLOGY, HONORS 1	172,704	6.56	210,833	7.82	94,245	3.44

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
260142	BIOLOGY, ADVANCED	146,152	5.38	84,591	3.14	209,244	7.65
260151	FIELD BIOLOGY	10,239	0.38	9,055	0.34	15,912	0.58
260161	GENETICS	6,095	0.22	16,435	0.61	16,073	0.59
260171	BIOPSYCHOLOGY	1,957	0.07	1,204	0.04	3,325	0.12
260181	BIOLOGY SEMINAR	2,664	0.01	4,671	0.17	2,968	0.11
260211	BIOCHEMISTRY			3,381	0.13	5,838	0.21
260300	BOTANY, OTHER	8,460	0.31	12,758	0.47	3,022	0.11
260311	BOTANY	4,431	0.16	1,280	0.05	24,310	0.89
260411	CELL BIOLOGY					4,304	0.16
260500	MICROBIOLOGY, OTHER					4,402	0.01
260511	MICROBIOLOGY	9,957	0.37	14,201	0.53	18,589	0.68
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER	46,934	1.73	27,060	1.00	649	0.02
260611	ECOLOGY	55,222	2.03	36,421	1.35	55,682	2.03
260621	MARINE BIOLOGY	343	0.01	653	0.02	32,276	1.18
260622	MARINE BIOLOGY, ADVANCED	12,969	0.48	3,488	0.13	3,451	0.13
260631	ANATOMY					15,673	0.57
260700	ZOOLOGY, OTHER	22,560	0.83	20,009	0.74	869	0.03
260711	ZOOLOGY	4,476	0.16	1,761	0.07	28,607	1.05
260721	ZOOLOGY, VERTEBRATE	1,683	0.06	86	0.00	4,593	0.17
260731	ZOOLOGY, INVERTEBRATE	57	0.00	3,793	0.14	1,470	0.05
260741	ANIMAL BEHAVIOR	204,360	7.52	201,479	7.47	4,323	0.16
260751	PHYSIOLOGY, HUMAN	2,139	0.08	5,955	0.22	144,708	5.29
260752	PHYSIOLOGY, ADVANCED	3,347	0.12	270	0.01	2,957	0.11
260761	PATHOLOGY					2,065	0.08
269900	LIFE SCIENCES, OTHER	1,069	0.04	10,424	0.39	650	0.02
270100	MATHEMATICS, OTHER GENERAL					49,570	1.81
270101	MATHEMATICS 7	91	0.00	376	0.01	2,546	0.09
270102	MATHEMATICS 7, ACCELERATED			1,385	0.05	119	0.00
270103	MATHEMATICS 8			2,908	0.11	2,685	0.10
270104	MATHEMATICS 8, ACCELERATED	846	0.03				
270105	MATHEMATICS, BASIC (CHANGED TO 270601-270604)	492,970	18.15	478,157	17.73	211,929	7.74
270106	MATHEMATICS 1, GENERAL	137,871	5.08	216,955	8.05	714,877	26.12
270107	MATHEMATICS 2, GENERAL	189	0.01	1,548	0.06	297,122	10.86
270108	SCIENCE MATHEMATICS	7,857	0.29	1,548	0.06	5,643	0.21
270109	MATHEMATICS IN THE ARTS	55,869	2.06	2,704	0.10	8,496	0.31
270110	MATHEMATICS, VOCATIONAL	20,842	0.77	41,894	1.55	48,925	1.79
270111	TECHNICAL MATHEMATICS	38,947	1.43	10,757	0.40	18,496	0.68
270112	MATHEMATICS REVIEW	89	0.00	62,275	2.31	29,829	1.09
270113	MATHEMATICS TUTORING			2,525	0.09	5,413	0.20
270114	CONSUMER MATHEMATICS	311,306	11.46	320,310	11.88	216,324	7.90
270200	ACTUARIAL SCIENCES, OTHER					267	0.01
270300	APPLIED MATHEMATICS, OTHER	274	0.01	162	0.01	2,860	0.10
270400	PURE MATHEMATICS, OTHER	534,944	19.69	362,848	13.46	12,341	0.45
270401	PRE-ALGEBRA	162,720	5.99	181,942	6.75	360,210	13.16
270402	ALGEBRA 1, PART 1					163,798	5.99



Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
270403	ALGEBRA 1, PART 2	108,081	3.98	137,261	5.09	116,095	4.24
270404	ALGEBRA 1	1,755,651	64.63	1,752,076	64.97	1,543,123	56.38
270405	ALGEBRA 2	1,298,414	47.72	1,243,948	46.13	848,907	31.02
270406	GEOMETRY, PLANE	158,130	5.02	135,884	5.04	152,996	5.59
270407	GEOMETRY, SOLID	262	0.01	2,461	0.09	19,799	0.72
270408	GEOMETRY	1,449,695	53.37	1,375,928	51.02	1,084,259	39.62
270409	GEOMETRY, INFORMAL	155,246	5.72	126,426	4.69	88,738	3.24
270410	ALGEBRA 3	114,388	4.21	99,914	3.71	193,450	7.07
270411	TRIGONOMETRY	271,987	10.01	312,060	11.57	202,653	7.40
270412	ANALYTIC GEOMETRY	98,698	3.63	110,492	4.10	72,189	2.64
270413	TRIGONOMETRY AND SOLID GEOMETRY	2,484	0.09	11,080	0.41	12,094	0.44
270414	ALGEBRA AND TRIGONOMETRY	240,135	8.84	199,293	7.39	128,731	4.70
270415	ALGEBRA AND ANALYTIC GEOMETRY	6,890	0.25	9,292	0.34	13,684	0.50
270416	ANALYSIS, INTRODUCTORY	376,516	13.85	347,881	12.90	163,562	5.98
270417	LINEAR ALGEBRA	512	0.02	19,803	0.73	24,771	0.91
270418	CALCULUS AND ANALYTIC GEOMETRY	11,637	0.43	17,994	0.67	11,265	0.41
270419	CALCULUS	72,290	2.66	96,598	3.58	101,005	3.69
270420	CALCULUS, ADVANCED PLACEMENT	122,443	4.51	97,962	3.63	49,322	1.80
270421	MATHEMATICS 1, UNIFIED	136,892	5.04	123,959	4.60	36,214	1.32
270422	MATHEMATICS 2, UNIFIED	96,353	3.55	97,692	3.62	20,635	0.75
270423	MATHEMATICS 3, UNIFIED	83,926	3.09	73,227	2.72	25,031	0.91
270424	MATHEMATICS, INDEPENDENT STUDY	13,622	0.50	13,061	0.48	20,998	0.77
270500	STATISTICS, OTHER					987	0.04
270511	STATISTICS	7,125	0.26	10,693	0.40	8,011	0.29
270521	PROBABILITY	174	0.01	238	0.01	1,590	0.06
270531	PROBABILITY AND STATISTICS	20,208	0.74	22,645	0.84	20,580	0.75
270601	BASIC MATH 1	234,052	8.62	203,072	7.53		
270602	BASIC MATH 2	55,779	2.05	85,774	3.18		
270603	BASIC MATH 3	11,612	0.43	17,770	0.66		
270604	BASIC MATH 4	10,271	0.38	9,787	0.36		
279900	MATHEMATICS, OTHER	3,014	0.11	623	0.02		
280100	AEROSPACE SCIENCE (AIR FORCE), OTHER					12,801	0.47
280111	AEROSPACE EDUCATION	7,283	0.27	15,722	0.58	1,542	0.06
280112	AEROSPACE EDUCATION 2	4,887	0.18	10,443	0.39	13,419	0.49
280113	AEROSPACE EDUCATION 3	4,035	0.15	7,134	0.26	5,966	0.22
280114	AEROSPACE EDUCATION 4	1,137	0.04	3,731	0.14	2,989	0.11
280121	CIVIL AIR PATROL						
280300	MILITARY SCIENCE (ARMY), OTHER	83	0.00	89	0.00	1,358	0.05
280311	ARMY LEADERSHIP DEVELOPMENT, INTRODUCTION	45,143	1.66	32,432	1.20	1,109	0.04
280312	ARMY INTERMEDIATE LEADERSHIP DEVELOPMENT	16,289	0.60	19,671	0.73	33,842	1.24
280313	ARMY APPLIED LEADERSHIP DEVELOPMENT	10,405	0.38	12,836	0.48	18,268	0.67
280314	ARMY ADVANCED LEADERSHIP DEVELOPMENT	5,123	0.19	9,301	0.34	11,125	0.41
280411	NAVAL SCIENCE 1	7,043	0.26	8,070	0.30	6,136	0.22
280412	NAVAL SCIENCE 2	4,760	0.18	4,552	0.17	5,526	0.20
280413	NAVAL SCIENCE 3	3,422	0.13	3,010	0.11	4,998	0.02

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
280414	NAVAL SCIENCE 4	1,923	0.07	2,044	0.08	362	0.01
280421	MARINE CORPS LEADERSHIP EDUCATION 1	1,613	0.06	3,313	0.12	88	0.00
280422	MARINE CORPS LEADERSHIP EDUCATION 2	984	0.04	2,647	0.10	208	0.01
280423	MARINE CORPS LEADERSHIP EDUCATION 3	658	0.02	1,933	0.07		
280424	MARINE CORPS LEADERSHIP EDUCATION 4	326	0.01	1,079	0.04		
289900	MILITARY SCIENCES, OTHER	391	0.01	168	0.01	912	0.03
300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER	797	0.03	1,649	0.06	16,014	0.59
300111	SCIENCE, UNIFIED	424,095	15.61	577,591	21.42	717,585	26.22
300112	COLLEGE PRE-SCIENCE SKILLS	7,298	0.27	2,466	0.09		
300121	SCIENCE STUDY, INDEPENDENT	8,968	0.33	11,718	0.43	20,818	0.76
300131	OUTDOOR EDUCATION	3,089	0.11	4,758	0.18	4,343	0.16
300200	CLINICAL PASTORAL CARE, OTHER					136	0.00
300311	ENGINEERING CONCEPTS			1,449	0.05	1,624	0.06
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER			1,142	0.04	2,752	0.10
300411	HUMANITIES, EUROPEAN	75,622	2.78	83,042	3.08	90,120	2.93
300431	HUMANITIES, AMERICAN	6,847	0.25	22,068	0.82	10,531	0.38
300441	HUMANITIES, AFRICAN	5,270	0.19	20,858	0.77	6,785	0.25
300451	HUMANITIES, NEAR EAST AND FAR EAST					552	0.02
300500	PEACE STUDIES, OTHER					4,193	0.15
300611	FUTURISTICS					941	0.03
300621	ENVIRONMENTAL SCIENCE	3,713	0.14	21,827	0.81	7,097	0.26
300631	ENERGY AND ENVIRONMENT	113,314	4.17	68,270	2.53	61,088	2.23
300651	WOMEN'S STUDIES, OTHER	6,349	0.23	1,495	0.06	4,829	0.18
300700	WOMEN'S STUDIES					379	0.01
300711	WOMEN'S STUDIES IN LITERATURE	1,670	0.06	946	0.04	7,551	0.28
300721	MULTI/INTERDISCIPLINARY STUDIES, OTHER			356	0.01	345	0.01
309900	PARKS AND RECREATION, OTHER GENERAL	835	0.03			1,369	0.05
310100	RECREATION AIDE	197	0.01				
310121	SEARCH AND RESCUE			108	0.00	587	0.02
310200	OUTDOOR RECREATION, OTHER			356	0.01		
310211	WINTER/SKI RESORT OPERATION			1,233	0.05	2,532	0.09
310300	PARKS AND RECREATION MANAGEMENT, OTHER			63	0.00		
320100	BASIC SKILLS, CAREER AND EMPLOYMENT, OTHER	131	0.00	4,866	0.18	38	0.00
320101	RECORD KEEPING, PERSONAL (CHANGED TO 070153)					36,371	1.33
320102	CAREER PREPARATION	166,514	6.13	132,554	4.92	8,119	0.30
320103	CAREER EXPLORATION	159,933	5.89	132,548	4.92	111,808	4.09
320104	WORK EXPERIENCE	94,254	3.47	70,391	2.61	159,964	5.85
320105	WORK EXPERIENCE, ADVANCED	7,849	0.29	20,867	0.77	146,805	5.36
320106	COOPERATIVE EDUCATION 1	147,608	5.43	119,283	4.42	32,498	1.19
320107	COOPERATIVE EDUCATION 2	7,082	0.26	14,042	0.52	102,549	3.75
320108	MATHEMATICS, VOCATIONAL (CHANGED TO 270110)					13,396	0.49
320109	READING DEVELOPMENT 1 (CHANGED TO 231211)					15,154	0.55
320110	READING DEVELOPMENT 2 (CHANGED TO 231212)					278,113	10.6
320111	SPEED READING (CHANGED TO 231215)					50,818	1.86
						37,451	1.37

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
320112	SPEECH, DEVELOPMENTAL (DELETED)	.	.	.	.	11,519	0.42
320113	LANGUAGE DEVELOPMENT (CHANGED TO 160125 OR 231311)	.	.	.	.	13,308	0.49
320114	VOICE, DEVELOPMENTAL (DELETED)	52	0.00	.	.	1,305	0.05
320115	WORD STUDY, REMEDIAL (CHANGED TO 230415)	.	.	.	.	7,277	0.27
320116	SPEED WRITING (CHANGED TO 070613)	.	.	.	.	34,427	1.26
320117	STUDY DYNAMICS (CHANGED TO 320211)	.	.	.	.	30,170	1.10
320118	ENGLISH, FUNCTIONAL (CHANGED TO 231311)	.	.	.	.	43,874	1.60
320119	CONTEMPORARY ISSUES, BASIC SKILLS (CHANGED TO 451033)	.	.	.	.	21,737	0.79
320120	TEST TAKING, GENERAL (CHANGED TO 320221)	.	.	.	.	.	.
320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED	14,021	0.52	7,775	0.29	.	.
320131	C.V.A.E.	.	.	1,687	0.06	.	.
320200	BASIC SKILLS, GENERAL, OTHER	515	0.02	7,289	0.27	.	.
320201	RESOURCE ROOM (NON SPECIAL EDUCATION)	5,119	0.19	.	.	.	.
320211	STUDY DYNAMICS	103,115	3.80	58,963	2.19	.	.
320221	TEST TAKING	63,553	2.34	18,507	0.68	.	.
330100	CITIZENSHIP/CIVIC ACTIVITIES, OTHER	39	0.00	.	.	.	.
330111	STUDENT ASSISTANT	437,756	16.11	462,755	17.16	3,700	0.14
330121	PEP SQUAD	14,550	0.54	22,913	0.85	376,482	13.76
330131	STUDENT GOVERNMENT	24,800	0.91	25,055	0.93	17,972	0.66
330141	TUTORING	15,038	0.55	16,536	0.61	25,210	0.92
330151	COMMUNITY SERVICE	23,168	0.85	41,735	1.55	33,359	1.22
330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)	.	.	.	.	17,121	0.63
340100	HEALTH-RELATED ACTIVITIES, OTHER	3,173	0.12	442	0.02	5,582	0.20
340111	PHYSICAL AND HEALTH EDUCATION 7	138	0.01	11,068	0.41	32,844	1.20
340112	PHYSICAL AND HEALTH EDUCATION 8	1,956,269	72.02	1,870,042	69.35	2,249	0.08
340113	PHYSICAL AND HEALTH EDUCATION 9	802,059	29.53	1,528,493	56.68	6,876	0.25
340114	PHYSICAL EDUCATION 10	346,594	12.76	702,838	26.06	2,064,398	75.43
340115	PHYSICAL EDUCATION 11	204,317	7.52	527,172	19.55	1,622,057	59.27
340116	PHYSICAL EDUCATION 12	14,044	0.52	9,927	0.37	998,119	36.47
340121	PHYSICAL EDUCATION - MEDICALLY EXCUSED	1,668	0.06	5,980	0.22	785,902	28.72
340131	HEALTH 7	.	.	.	.	12,041	0.44
340132	HEALTH 8	.	.	.	.	6,164	0.23
340133	HEALTH 9	1,414,070	52.06	663,462	24.60	4,508	0.16
340134	HEALTH 10	331,194	12.19	829,373	30.76	1,033,131	37.75
340135	HEALTH 11	55,293	2.04	120,308	4.46	420,413	15.36
340136	HEALTH 12	66,383	2.44	75,116	2.79	159,401	5.09
340137	STATE REQUIREMENTS	82,045	3.02	130,485	4.84	76,805	2.81
340138	MODERN MEDICAL ISSUES	612	0.02	6,117	0.23	.	.
340141	DRUGS ALCOHOL AND TOBACCO	11,003	0.41	5,728	0.21	15,244	0.48
340151	DRIVER EDUCATION, CLASSROOM	302,995	11.15	302,239	11.21	1,191,106	43.52
340152	DRIVER EDUCATION, PRACTICE	763,992	28.12	735,030	27.26	1,171,473	6.27
340161	PHYSICAL EDUCATION LEADERSHIP TRAINING	27,300	1.00	39,752	1.47	29,668	1.08
340171	LIFE SAVING	10,678	0.39	11,985	0.44	13,789	0.50
340181	SAFETY	5,607	0.21	7,130	0.26	38,604	1.41

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
340191	SEX EDUCATION	4,451	0.16	8,454	0.31	25,771	0.94
350100	INTERPERSONAL SKILLS, OTHER			196	0.01	3,521	0.13
350111	INTERPERSONAL RELATIONSHIPS	41,049	1.51	6,337	0.24	22,092	0.81
350121	BUILDING HUMAN RELATIONSHIPS	38,549	1.42	28,763	1.07	15,264	0.48
350131	PEER COUNSELING	34,025	1.25	5,183	0.19		
360100	LEISURE AND RECREATIONAL ACTIVITIES, OTHER	462	0.02	412	0.02	20,555	0.75
360111	SPORTS, INDIVIDUAL	168,839	6.22	157,412	5.84	150,760	5.51
360121	SPORTS, TEAM	344,174	12.67	376,863	13.98	249,494	9.12
360131	GYMNASTICS	22,945	0.84	19,339	0.72	48,731	1.78
360141	DRILL TEAM	15,799	0.58	31,517	1.17	17,083	0.62
360151	TRACK AND FIELD	10,322	0.38	21,778	0.81	28,272	1.03
360161	AQUATICS	21,962	0.81	61,197	2.27	36,716	1.34
360171	CONDITIONING AND ATHLETICS	327,369	12.05	288,810	10.71	148,112	5.41
360181	MOTORCYCLE OPERATION					18,838	0.69
360191	RECREATIONAL ACTIVITIES	16,947	0.62	17,705	0.66		
360192	RECREATIONAL OUTDOOR EDUCATION	7,142	0.26	14,457	0.54		
370100	PERSONAL AWARENESS, OTHER	181	0.01			7,397	0.27
370111	PERSONAL DEVELOPMENT TECHNIQUES	43,271	1.59	35,709	1.32	50,456	1.84
370121	COPING WITH PERSONAL PROBLEMS	6,645	0.24	6,993	0.26	14,708	0.54
370131	SELF PERCEPTION	4,498	0.17	8,735	0.32	11,971	0.44
380100	PHILOSOPHY, OTHER	95	0.00	78	0.00	1,791	0.07
380111	PHILOSOPHY	19,592	0.72	7,661	0.28	18,325	0.67
380121	ETHICS	14,472	0.53	11,382	0.42	16,008	0.58
380131	LOGIC	4,357	0.16			10,911	0.40
380141	EPISTEMICS	1,128	0.04			10,274	0.01
380151	SOCIAL JUSTICE ISSUES	11,993	0.44	21,493	0.80	10,630	0.39
380200	RELIGION, OTHER	4,163	0.15	1,246	0.05	96,167	3.51
380201	CATHOLICISM, FOUNDATIONS	81,181	2.99	86,123	3.19	39,465	1.44
380202	WHO IS JESUS	30,874	1.14	70,711	2.62	59,509	2.17
380203	SCRIPTURE	148,967	5.48	198,227	7.35	120,521	4.40
380204	MORAL ISSUES, SOCIAL AND INDIVIDUAL	128,749	4.74	139,791	5.18	82,423	3.01
380205	MARRIAGE, LIFE CHOICES IN CHRISTIAN LIVING	84,476	3.11	118,044	4.38	85,270	3.12
380206	COMPARATIVE RELIGION	25,610	0.94	21,594	0.80	30,965	1.13
380207	SACRAMENTS	47,316	1.74	26,487	0.98	25,879	0.95
380208	EASTERN RELIGIOUS THOUGHT					11,427	0.42
380209	RELIGION AND PSYCHOLOGY	4,696	0.17			2,692	0.10
380210	WESTERN RELIGIONS	1,396	0.05			9,539	0.35
380211	RELIGION AND LITERATURE	1,026	0.04	1,086	0.04	42,583	1.56
380212	RELIGION, INTRODUCTION	60,743	2.24	84,706	3.14	13,895	0.51
380213	PRAYER AND LITURGY	9,654	0.36	3,614	0.13		
380214	JUDAISM, FOUNDATIONS	2,595	0.10	3,182	0.12		
380215	PROTESTANTISM, FOUNDATIONS	13,404	0.49	1,618	0.06		
380216	RELIGIOUS MOVEMENTS IN AMERICA			1,394	0.05		
380217	ISLAM AND THE KORAN			128	0.00		
389900	PHILOSOPHY AND RELIGION, OTHER	424	0.02			143	0.01

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
390100	BIBLICAL LANGUAGES, OTHER					31	0.00
390200	BIBLE STUDIES, OTHER	145	0.01			3,764	0.14
390300	MISSIONARY STUDIES, OTHER	440	0.02				
390400	RELIGIOUS EDUCATION, OTHER	5,644	0.21	5,111	0.19	10,516	0.38
390500	RELIGIOUS MUSIC, OTHER			3,035	0.11		
390600	THEOLOGICAL STUDIES, OTHER					819	0.03
390611	THEOLOGICAL STUDIES	1,836	0.07	1,610	0.06	7,870	0.29
399900	THEOLOGY, OTHER	4,914	0.18	5,263	0.20	11,034	0.40
400100	PHYSICAL SCIENCES, OTHER GENERAL	148	0.01	2,417	0.09	3,959	0.14
400111	SCIENCE 8			2,531	0.09	10,359	0.38
400121	PHYSICAL SCIENCE	986,114	36.30	921,816	34.18	780,343	28.51
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES	24,929	0.92	38,057	1.41	19,111	0.70
400141	PHYSICAL SCIENCE, APPLIED	117,511	4.32	79,741	2.96	25,970	0.95
400200	ASTRONOMY, OTHER					1,502	0.05
400211	ASTRONOMY	37,638	1.39	27,623	1.02	38,767	1.42
400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER					142	0.01
400411	METEOROLOGY	2,285	0.08	8,802	0.33	17,075	0.62
400500	CHEMISTRY, OTHER					10,994	0.40
400511	CHEMISTRY, INTRODUCTORY	183,307	6.75	242,025	8.98	182,497	6.67
400521	CHEMISTRY 1	1,193,482	43.94	989,192	36.68	668,836	24.44
400522	CHEMISTRY 2	110,272	4.06	101,412	3.76	97,905	3.58
400531	ORGANIC CHEMISTRY	2,628	0.10	7,122	0.26	7,024	0.26
400541	PHYSICAL CHEMISTRY	412	0.02			1,861	0.07
400551	CONSUMER CHEMISTRY	16,214	0.60	12,107	0.45	7,372	0.27
400561	CHEMISTRY, INDEPENDENT STUDY	475	0.02	1,657	0.06	3,085	0.11
400600	GEOLOGICAL SCIENCES, OTHER					4,801	0.18
400611	EARTH SCIENCE	564,310	20.77	316,036	11.72	319,110	11.66
400621	EARTH SCIENCE, COLLEGE PREPARATORY	86,916	3.20	51,906	1.92	11,476	0.42
400631	GEOLOGY	37,077	1.36	28,952	1.07	47,666	1.74
400632	GEOLOGY - FIELD STUDIES			355	0.01		
400641	MINERALOGY	900	0.03	974	0.04	3,356	0.12
400711	OCEANOGRAPHY	16,908	0.62	18,929	0.70	28,722	1.05
400800	PHYSICS, OTHER	474	0.02			4,307	0.16
400811	PHYSICS, GENERAL	76,149	2.80	81,451	3.02	90,518	3.31
400821	PHYSICS 1	508,138	18.71	448,579	16.63	307,968	11.25
400822	PHYSICS 2	61,985	2.28	49,948	1.85	38,552	1.41
400831	PHYSICS 2 WITHOUT CALCULUS			1,167	0.04	1,551	0.06
400841	ELECTRICITY AND ELECTRONICS SCIENCE	450	0.02	940	0.03	7,228	0.26
400900	PLANETARY SCIENCE, OTHER					588	0.02
400911	ROCKETRY AND SPACE SCIENCE	5,040	0.19	1,590	0.06	9,635	0.35
401011	AEROSPACE SCIENCE	1,159	0.04	1,248	0.05		
409900	PHYSICAL SCIENCES, OTHER						
410100	BIOLOGICAL TECHNOLOGIES, OTHER					3,429	0.13
410200	NUCLEAR TECHNOLOGIES, OTHER					36	0.00
410211	RADIOACTIVITY	137	0.01	315	0.01	694	0.03
		137	0.01	1,702	0.06		

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER	787	0.03	.	.	287	0.01
419900	SCIENCE TECHNOLOGIES, OTHER	.	.	.	.	694	0.03
420100	PSYCHOLOGY, OTHER GENERAL	648,328	23.87	444	0.02	8,654	0.32
420111	PSYCHOLOGY, ADVANCED	19,817	0.73	676,212	25.08	549,358	20.07
420112	PSYCHOLOGY, ABNORMAL	3,013	0.11	40,000	1.48	30,957	1.13
420113	PSYCHOLOGY OF LEARNING	.	.	227	0.01	.	.
420811	PSYCHOLOGY OF LEARNING	.	.	821	0.03	3,869	0.14
420600	COUNSELING PSYCHOLOGY, OTHER	.	.	.	.	1,576	0.02
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER	.	.	1,380	0.05	56	0.00
420711	CHILD PSYCHOLOGY	.	.	3,472	0.13	3,113	0.11
420721	ADOLESCENT PSYCHOLOGY	1,442	0.05	97	0.00	5,616	0.21
420731	ADJUSTMENT PSYCHOLOGY	255	0.01	.	.	2,993	0.11
420800	EXPERIMENTAL PSYCHOLOGY, OTHER	.	.	830	0.03	1,372	0.05
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER	.	.	.	.	480	0.02
421000	PERSONALITY PSYCHOLOGIES, OTHER	.	.	.	.	374	0.01
421011	HISTORICAL PERSONALITIES AND IDEAS	.	.	693	0.03	445	0.02
421021	HUMANISTIC PSYCHOLOGY	1,206	0.04	1,139	0.04	6,042	0.22
421100	PSYCHOLOGICAL PSYCHOLOGY, OTHER	.	.	.	.	1,943	0.07
421200	PSYCHOLINGUISTICS, OTHER	.	.	.	.	499	0.02
421411	PSYCHOPHARMACOLOGY	.	.	595	0.02	255	0.01
421500	QUANTITATIVE PSYCHOLOGY, OTHER	.	.	112	0.00	.	.
421600	SOCIAL PSYCHOLOGY, OTHER	147	0.01	.	.	25,126	0.92
421611	SOCIAL PSYCHOLOGY	5,461	0.20	14,025	0.52	3,190	0.12
429900	PSYCHOLOGY, OTHER	.	.	63	0.00	3,761	0.14
430100	CRIMINAL JUSTICE, OTHER	.	.	.	.	16,781	0.61
430111	LAW ENFORCEMENT	10,722	0.39	15,433	0.57	5,965	0.22
430211	LAW SCIENCE	.	.	469	0.02	.	.
430211	FIRE FIGHTING PRACTICES	.	.	535	0.02	.	.
430311	SECURITY GUARD	.	.	721	0.03	.	.
439900	PROTECTIVE SERVICES, OTHER	.	.	.	.	28	0.00
440100	PUBLIC AFFAIRS, OTHER GENERAL	.	.	.	.	2,002	0.07
440200	COMMUNITY SERVICES, OTHER	.	.	.	.	2,311	0.08
440711	HUMAN SERVICES	.	.	.	.	1,753	0.06
449900	PUBLIC AFFAIRS, OTHER	.	.	.	.	73	0.00
450100	SOCIAL SCIENCES, OTHER GENERAL	564	0.02	12,562	0.47	14,998	0.55
450111	SOCIAL SCIENCE, INTRODUCTION	215,072	7.92	241,805	8.97	427,083	15.61
450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH	6,681	0.25	13,136	0.49	30,926	1.13
450131	SOCIAL SCIENCE SEMINAR	1,324	0.05	19,387	0.72	1,236	0.05
450141	SOCIAL STUDIES, INDEPENDENT STUDY	5,374	0.20	8,191	0.30	7,628	0.28
450200	ANTHROPOLOGY, OTHER	.	.	.	.	7,336	0.27
450211	ANTHROPOLOGY	14,320	0.53	27,445	1.02	59,705	2.18
450221	COMPARATIVE CULTURAL PATTERNS	135	0.00	1,864	0.07	4,432	0.16
450241	CULTURAL ANTHROPOLOGY, RESEARCH	432	0.02	.	.	3,552	0.13
450300	ARCHAEOLOGY, OTHER	.	.	.	.	965	0.04
450311	ARCHAEOLOGY	3,974	0.15	4,722	0.18	4,829	0.18



Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
450400	CRIMINOLOGY, OTHER	3,628	0.13	3,946	0.15	2,007	0.07
450500	DEMOGRAPHY, OTHER	.	.	.	.	2,473	0.09
450511	POPULATION EDUCATION	.	.	.	.	8,106	0.30
450600	ECONOMICS, OTHER	180	0.01	129	0.00	18,140	0.66
450601	ECONOMICS, THEORY	800,444	29.47	372,738	13.82	483,911	17.6R
450602	ECONOMICS AND ECONOMIC PROBLEMS	378,359	13.93	395,927	14.68	133,411	4.87
450603	CONSUMER ECONOMICS	145,095	5.34	170,078	6.31	158,700	5.80
450604	FILING YOUR INCOME TAXES	892	0.03	.	.	1,952	0.07
450605	INSURANCE THEORY	.	.	.	.	2,217	0.08
450606	INVESTMENT ECONOMICS	.	.	364	0.01	1,095	0.04
450607	TELEVISION AND ECONOMICS	.	.	114	0.00	1,907	0.03
450608	ENERGY EDUCATION	205	0.01	6,886	0.26	4,170	0.15
450609	AMERICAN LABOR HISTORY	.	.	2,269	0.08	2,651	0.10
450610	ECONOMICS, ANALYSIS AND CRITICISM	.	.	12,304	0.46	6,224	0.23
450611	ECONOMICS, COLLEGE	6,712	0.25	1,435	0.05	2,651	0.10
450612	INTERNATIONAL ECONOMICS	4,420	0.16	1,454	0.02	6,224	0.23
450700	GEOGRAPHY, OTHER	.	.	1,712	0.06	11,711	0.43
450701	GEOGRAPHY 8	4,803	0.18	1,712	0.06	9,605	0.35
450702	GEOGRAPHY, UNITED STATES	2,290	0.08	6,724	0.25	2,180	0.08
450703	GEOGRAPHY, NORTH AMERICAN	563,315	20.74	1,066	0.04	15,226	0.56
450704	WORLD GEOGRAPHY	13,425	0.49	396,735	14.71	1,237	0.05
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA	10,126	0.37	.	.	405,378	14.81
450706	GEOGRAPHY, EASTERN HEMISPHERE	7,780	0.29	7,024	0.26	10,183	0.37
450707	PHYSICAL GEOGRAPHY	2,336	0.09	6,469	0.24	4,109	0.15
450708	ECONOMIC AND POLITICAL GEOGRAPHY	1,776	0.07	4,742	0.18	17,438	0.64
450709	HUMAN AND CULTURAL GEOGRAPHY	.	.	.	.	3,118	0.11
450710	FIELD GEOGRAPHY, HONORS	5,950	0.22	10,624	0.39	21,589	0.79
450800	HISTORY, OTHER	89	0.00	.	.	194	0.01
450801	HISTORY AND GEOGRAPHY 7	.	.	111,691	4.08	111,691	4.08
450802	OUR CULTURAL HERITAGE 7	.	.	3,437	0.13	3,437	0.13
450803	SOCIAL STUDIES 7, HONORS	.	.	.	.	2,887	0.11
450804	UNITED STATES HISTORY 8	.	.	3,120	0.11	3,120	0.11
450805	SOCIAL STUDIES 8	.	.	43	0.00	1,370	0.05
450806	SOCIAL STUDIES 8, HONORS	.	.	306	0.01	5,594	0.20
450807	UNITED STATES HISTORY, STATE AND LOCAL	355,598	13.09	465,010	17.24	264,669	9.67
450808	UNITED STATES HISTORY, ADVANCED PLACEMENT	7,956	0.29	2,691	0.10	9,095	0.33
450809	AMERICAN HISTORY, BASIC	87,479	3.22	109,714	4.07	35,352	1.29
450810	AMERICAN HISTORY, HONORS	1,536,864	56.58	1,529,328	56.71	1,201,675	43.91
450811	UNITED STATES HISTORY 1	451,435	16.62	341,868	12.68	829,269	30.30
450812	UNITED STATES HISTORY 2	300,359	11.06	483,635	17.93	228,235	8.34
450813	UNITED STATES HISTORY, HONORS	86,449	3.18	94,186	3.49	37,667	1.38
450814	AMERICAN HISTORY, ADVANCED PLACEMENT	158,058	5.82	88,425	3.28	57,323	2.09
450815	WESTWARD MOVEMENT	3,227	0.12	1,682	0.06	29,241	1.07
450816	TWENTIETH CENTURY AMERICA	160,187	5.90	102,627	3.81	91,707	3.35
450817	TWENTIES AND THIRTIES	2,708	0.10	8,554	0.32	18,790	0.69

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
450818	AMERICA SINCE 1945	66,573	2.45	49,126	1.82	28,200	1.03
450819	NINETEEN SIXTIES	6,474	0.24			3,518	0.13
450820	NINETEEN SEVENTIES	1,209	0.04	79	0.00	4,619	0.17
450821	REFORM IN AMERICAN HISTORY			5,477	0.20	17,825	0.65
450822	AMERICAN INQUIRIES			7,580	0.28	3,852	0.14
450823	HISTORIC EVENTS, UNITED STATES	136	0.01	204	0.01	5,786	0.21
450824	AMERICAN WARS, CAUSES AND EFFECTS	2,361	0.26	14,276	0.53	22,568	0.82
450825	CIVIL WAR	13,892	0.51	14,195	0.53	14,664	0.54
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM	146	0.01	510	0.02	1,364	0.05
450827	WAR AND MODERN CONSCIOUSNESS	1,174	0.04	2,510	0.09	5,021	0.18
450828	WORLD WAR II	91	0.00	7,151	0.27	6,164	0.23
450829	UNITED STATES MILITARY HISTORY 1	8,682	0.32	3,637	0.13	1,602	0.06
450830	UNITED STATES MILITARY HISTORY 2	1,125	0.04	1,099	0.04		
450831	UNITED STATES HISTORY, FIELD STUDY	334	0.01				
450832	NORTH AMERICAN HISTORY	987	0.04	943	0.03	1,582	0.06
450833	MEXICAN HISTORY	1,089	0.04			4,119	0.15
450834	SOUTH AMERICAN HISTORY	1,183,911	43.58	996,047	36.94	752,946	27.51
450835	WORLD HISTORY	21,304	0.78	30,839	1.14	13,143	0.48
450836	WORLD HISTORY, COLLEGE	118,181	4.35	129,693	4.81	55,429	2.03
450837	WORLD HISTORY, MODERN	9,433	0.35	38,564	1.43	19,913	0.73
450838	WORLD CIVILIZATION, TWENTIETH CENTURY	1,931	0.07	3,586	0.13	5,547	0.20
450839	WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS	137,845	5.07	74,100	2.75	120,446	4.40
450840	WESTERN CIVILIZATION 2	16,308	0.60	10,227	0.38	9,061	0.33
450841	WESTERN CIVILIZATION 9, HONORS	43,052	1.58	34,145	1.27	83,320	3.04
450842	WESTERN CIVILIZATION, HISTORY	21,268	0.78	9,438	0.35	4,370	0.16
450843	EARLY WESTERN CIVILIZATION	19,307	0.71	10,791	0.40	14,521	0.53
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT	17,249	0.63	12,459	0.46	11,153	0.41
450845	ANCIENT AND CLASSICAL WORLD	151	0.01	3,865	0.14	5,830	0.21
450846	ANCIENT GREEK HISTORY			1,956	0.07	1,434	0.05
450847	ROME AND HER EMPIRE			80,350	2.98	65,642	2.40
450848	ANCIENT HISTORY AND MIDDLE AGES	42,872	1.58	1,614	0.06	3,746	0.14
450849	ENGLISH HISTORY	1,125	0.04			3,756	0.14
450850	ENGLISH HISTORY, HONORS						
450851	FRENCH REVOLUTION, HONORS			836	0.03		
450852	MODERN EUROPE	39,552	1.46	46,197	1.71	38,843	1.42
450853	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURIES, ADV	2,954	0.11	4,520	0.17	5,831	0.21
450854	EUROPEAN HISTORY, TWENTIETH CENTURY	1,606	0.07	4,755	0.18	24,001	0.88
450855	EUROPEAN HISTORY, ADVANCED READINGS	100	0.00	1,903	0.07	7,583	0.28
450856	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT	28,763	1.06	29,677	1.10	21,813	0.80
450857	THIRD WORLD HISTORY	179	0.01	4,908	0.18	3,805	0.14
450858	AFRICAN HISTORY	181	0.01	3,209	0.12	8,432	0.31
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA	154	0.01	2,427	0.09	12,034	0.44
450860	LATIN AMERICAN HISTORY	688	0.03	1,131	0.04	6,265	0.23
450861	MIDDLE EAST HISTORY	589	0.02	800	0.03	2,882	0.11
450862	ISRAEL, HISTORY			373	0.01	260	0.01

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
450863	EASTERN CIVILIZATION	5,508	0.20	625	0.02	20,122	0.74
450874	FAR EAST, HISTORY	151	0.01	79	0.00	2,252	0.08
450855	ASIAN HISTORY, MODERN	4,466	0.16	428	0.02	8,016	0.29
450866	PACIFIC ISLANDS, HISTORY	2,413	0.09	78	0.00	3,604	0.13
450867	RUSSIAN HISTORY	13,532	0.50	12,774	0.47	7,748	0.28
450868	WORLD LEADERS, PAST AND PRESENT	1,370	0.05	595	0.02	9,599	0.35
450869	HISTORICAL RESEARCH	2,515	0.09	1,672	0.06	540	0.02
450900	INTERNATIONAL RELATIONS, OTHER	21,601	0.80	11,206	0.42	390	0.01
450911	INTERNATIONAL RELATIONS, OTHER	3,170	0.12	1,952	0.07	36,896	1.35
450921	INTERNATIONAL RELATIONS, HONORS	.	.	170	0.01	1,662	0.06
450931	INTERNATIONAL LAW	.	.	.	.	564	0.02
450941	MODEL SECURITY COUNCIL, LOCAL	.	.	2,251	0.08	314	0.01
450951	MODEL UNITED NATIONS, LOCAL	.	.	.	.	974	0.04
450952	MODEL UNITED NATIONS, NATIONAL	2,679	0.10	.	.	585	0.02
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER	.	.	.	.	13,940	0.51
451001	CIVICS	322,978	11.89	746	0.03	409,750	14.97
451002	STATE AND LOCAL GOVERNMENT	41,846	1.54	497,661	18.45	30,184	1.10
451003	GOVERNMENT, BASIC	71,646	2.64	7,740	0.29	24,897	0.91
451004	AMERICAN GOVERNMENT	1,353,076	49.81	50,780	1.88	1,071,487	39.15
451005	PRESIDENCY	268	0.01	1,154,363	42.81	14,582	0.53
451006	FRAMEWORK OF THE CONSTITUTION	6,039	0.22	30,343	1.13	29,191	1.07
451007	INDIVIDUAL VS. STATE	4,180	0.15	5,576	0.21	5,084	0.19
451008	NATIONAL STATE AND LOCAL ELECTIONS	18,494	0.68	2,782	0.10	31,522	1.15
451009	ELECTIONS, POLITICS AND MORALITY, HONORS	192	0.01	92	0.00	8,332	0.30
451010	CONTEMPORARY WORLD AFFAIRS	122,088	4.49	161,117	5.97	117,994	4.31
451011	AMERICAN FOREIGN POLICY	11,241	0.41	884	0.03	11,562	0.42
451012	DECISION MAKING IN A CRISIS	6,668	0.25	1,406	0.05	1,090	0.04
451013	AMERICAN HERITAGE, HONORS	63,525	2.34	6,473	0.24	4,702	0.17
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES	9,360	0.34	133,402	4.95	79,581	2.91
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS	16,912	0.62	5,556	0.21	8,404	0.31
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC	244,686	9.01	12,986	0.48	5,965	0.22
451017	AMERICAN GOVERNMENT AND ECONOMICS	13,144	0.48	198,941	7.38	54,479	1.99
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS	7,346	0.27	16,419	0.61	7,810	0.29
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	22,971	0.85	1,568	0.06	4,844	0.18
451020	COMPARATIVE WORLD GOVERNMENTS	5,592	0.21	10,232	0.38	16,073	0.59
451021	AMERICANISM VS. COMMUNISM	638	0.02	5,534	0.21	20,049	0.73
451022	AMERICANISM VS. COMMUNISM, HONORS	8,345	0.31	1,425	0.05	3,777	0.14
451023	COMMUNISM AND ITS GROWTH	3,777	0.14	3,845	0.14	1,757	0.06
451024	CIVICS, HONORS	.	.	.	.	1,003	0.04
451025	WRITINGS INFLUENCING GOVERNMENT	2,693	0.10	1,237	0.05	4,089	0.15
451026	GOVERNMENT INTERNSHIP	.	.	99	0.00	471	0.02
451027	MODEL SENATE	.	.	.	.	1,201	0.04
451028	POLITICAL LEADERSHIP	13,442	0.49	19,014	0.71	30,700	1.12
451029	POLITICAL SCIENCE	47,970	1.77	9,334	0.35	1,894	0.07
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT	34,383	1.27	16,338	0.61	.	.

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (Continued)

C SSC CODE	COURSE TITLE	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES		
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	PERCENTAGE OF GRADUATES WITH CARNEGIE UNITS > 0	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	PERCENTAGE OF GRADUATES WITH CARNEGIE UNITS > 0	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD ST	.	.	.	104	0.00	.	.	.	
451032	POLITICAL TURMOIL	.	.	.	908	0.03	.	.	.	
451033	CONTEMPORARY ISSUES	9,239	0.34	.	3,110	0.12	.	.	.	
451100	SOCIOLOGY, OTHER	3,339	0.12	.	3,110	0.12	.	.	.	
451111	AMERICAN SOCIETY - PROBLEMS, INTRODUCTION	55,512	2.04	.	57,755	2.14	.	13,451	0.49	
451121	SOCIOLOGY, GEN.	411,526	15.15	.	345,351	12.81	.	70,692	2.58	
451131	SOCIOLOGY, ISS.	4,004	0.15	.	16,022	0.59	.	350,595	12.81	
451141	MOBILITY IN SOCIETY	.	.	.	.	.	.	15,573	0.57
451151	VIOLENCE IN AMERICA	.	.	.	1,146	0.04	.	152	0.01	
451161	DEATH AND DYING	21,622	0.80	.	20,660	0.77	.	19,369	0.71	
451171	SOCIOLOGY, HONORS	998	0.04	.	2,296	0.09	.	2,172	0.08	
451181	SOCIOLOGY, RESEARCH	85	0.00	.	.	.	.	2,289	0.08
451200	URBAN STUDIES, OTHER	.	.	.	.	.	.	682	0.02
451211	URBAN PROBLEMS	10,701	0.39	.	18,855	0.70	.	31,410	1.15	
451221	URBAN ECOLOGY	.	.	.	339	0.01	.	258	0.01	
451231	TECHNOLOGY AND URBANIZATION	.	.	.	153	0.01	.	1,056	0.04	
459900	SOCIAL SCIENCES, OTHER	3,525	0.13	.	4,021	0.15	.	8,393	0.31	
460111	MASONRY 1	8,145	0.30	.	2,077	0.08	.	10,878	0.40	
460112	MASONRY 2	1,861	0.07	.	.	.	.	3,604	0.13
460113	MASONRY 3	556	0.02	.	.	.	.	.	.
460121	TILE SETTING AND PLASTERING	360	0.01	.	128	0.00	.	.	.	
460131	CONCRETE TECHNICIAN	.	.	.	1,122	0.04	.	.	.	
460200	CARPENTRY, OTHER	.	.	.	.	.	.	.	.
460211	CARPENTRY 1	12,407	0.46	.	13,916	0.52	.	1,754	0.06	
460212	CARPENTRY 2	6,231	0.23	.	5,280	0.20	.	23,626	0.86	
460213	CARPENTRY 3	905	0.03	.	2,554	0.09	.	7,566	0.28	
460311	HOUSEWIRING 1	3,098	0.11	.	6,162	0.23	.	4,803	0.18	
460312	HOUSEWIRING 2	187	0.01	.	820	0.03	.	2,353	0.09	
460321	ELECTRIC POWER AND COMMUNICATIONS LINEMAN	.	.	.	186	0.01	.	163	0.01	
460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER	.	.	.	.	.	.	.	.
460411	BUILDING CONSTRUCTION 1	55,921	2.06	.	50,931	1.89	.	2,677	0.10	
460412	BUILDING CONSTRUCTION 2	8,188	0.30	.	11,672	0.43	.	52,931	1.93	
460413	BUILDING CONSTRUCTION 3	1,132	0.04	.	703	0.03	.	10,224	0.37	
460421	PAINTING AND DECORATING	42	0.00	.	.	.	.	.	.
460432	BUILDING MAINTENANCE	1,023	0.04	.	905	0.03	.	1,491	0.05	
460441	BUILDING MAINTENANCE 2	18,195	0.67	.	568	0.02	.	1,246	0.05	
460451	HOME MAINTENANCE AND REPAIR	1,396	0.05	.	12,967	0.48	.	14,468	0.53	
460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1	.	.	.	.	.	.	.	.
460511	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2	918	0.03	.	401	0.01	.	.	.	
460512	PLUMBING 1	505	0.02	.	1,114	0.04	.	3,074	0.11	
460513	PLUMBING 2	415	0.02	.	1,876	0.03	.	513	0.02	
469900	CONSTRUCTION TRADES, OTHER	.	.	.	.	.	.	9,628	0.35
470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER	.	.	.	.	.	.	657	0.02
470111	SMALL APPLIANCE REPAIR	69	0.00	.	.	.	.	4,556	0.17
470121	RADIO AND TV REPAIR 1	.	.	.	760	0.03	.	6,870	0.25	

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses) (continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
470122	RADIO AND TV REPAIR 2	.	.	1,121	0.04	471	0.02
470123	RADIO AND TV REPAIR 3	.	.	850	0.03	81	0.00
470131	APPLIANCE REPAIR 1	456	0.02	825	0.03	1,285	0.05
470132	APPLIANCE REPAIR 2	.	.	515	0.02	39	0.00
470151	BUSINESS MACHINE REPAIR	.	.	284	0.01	.	.
470161	INDUSTRIAL ELECTRICITY	693	0.03	922	0.03	3,993	0.15
470171	INDUSTRIAL ELECTRONICS	3,139	0.12	3,987	0.15	.	.
470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER	.	.	.	.	183	0.01
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING	3,650	0.13	4,834	0.18	7,502	0.27
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED	214	0.01	1,646	0.06	2,528	0.09
470213	AIR CONDITIONING, REFRIGERATION, AND HEATING 3	.	.	39	0.00	.	.
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER	.	.	.	.	146	0.01
470311	INDUSTRIAL MECHANICS 1	415	0.02	2,511	0.09	1,650	0.06
470321	INDUSTRIAL MECHANICS 2	106	0.00	1,025	0.04	1,005	0.04
470331	DIESEL MECHANICS	620	0.02	1,406	0.05	1,922	0.07
470341	INDUSTRIAL MAINTENANCE MECHANICS 1	399	0.01	893	0.03	.	.
470351	INDUSTRIAL MAINTENANCE MECHANICS 2	.	.	1,173	0.04	.	.
470361	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1	.	.	1,442	0.02	.	.
470371	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2	.	.	248	0.01	.	.
470381	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 3	.	.	248	0.01	.	.
470421	INSTRUMENT MAINTENANCE AND REPAIR	860	0.03	.	.	278	0.01
470431	SHOE REPAIR AND ORTHOPEDICS 1	148	0.01	.	.	.	.
470511	POWER MECHANICS 1	39,973	1.47	35,227	1.31	87,665	3.02
470512	POWER MECHANICS 2	2,929	0.11	4,299	0.16	11,749	0.43
470513	POWER MECHANICS 3	.	.	300	0.01	3,578	0.13
470514	POWER MECHANICS 4	.	.	99	0.00	.	.
470521	HYDRAULICS AND PNEUMATICS	1,096	0.04	.	.	.	.
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND	.	.	.	.	.	.
470611	SMALL ENGINE REPAIR 1	44,632	1.64	36,374	1.35	1,205	0.04
470612	SMALL ENGINE REPAIR 2	1,420	0.05	2,478	0.09	56,100	2.05
470621	AUTO MECHANICS 1	126,115	4.64	135,826	5.04	4,434	0.16
470622	AUTO MECHANICS 2	39,672	1.46	50,587	1.88	148,764	5.44
470623	AUTO MECHANICS 3	7,004	0.26	9,871	0.37	53,275	1.95
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1	2,349	0.09	306	0.01	16,021	0.59
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2	.	.	.	.	.	.
470631	AUTO BODY 1	17,625	0.65	21,420	0.79	29,938	1.09
470632	AUTO BODY 2	6,400	0.24	12,148	0.45	10,013	0.37
470633	AUTO BODY 3	546	0.02	1,265	0.05	.	.
470641	AUTO SERVICE 1	10,013	0.37	24,690	0.92	22,037	0.81
470642	AUTO SERVICE 2	3,508	0.11	3,526	0.13	889	0.03
470651	CONSUMER AUTO	22,043	0.81	8,131	0.30	11,358	0.42
470661	AIRFRAMES 1	172	0.01	413	0.02	200	0.01
470662	AIRFRAMES 2	.	.	99	0.00	.	.
470671	AVIATION POWERPLANT 1	1,098	0.04	547	0.02	1,173	0.04
470672	AVIATION POWERPLANT 2	.	.	181	0.01	.	.

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
470673	AVIATION POWERPLANT 3	.	.	27	0.00	.	.
470674	AVIATION POWERPLANT 4	.	.	27	0.00	.	.
470681	AVIATION QUALITY CONTROL 1	.	.	.	.	659	0.02
470682	AVIATION QUALITY CONTROL 2	.	.	.	.	402	0.01
479900	MECHANICS AND REPAIRERS, OTHER	.	.	.	.	1,703	0.06
480100	DRAFTING, OTHER	90	0.00	188	0.01	2,112	0.08
480111	MECHANICAL DRAWING 1	659	0.02	149	0.01	.	.
480112	MECHANICAL DRAWING 2	310,650	11.44	296,802	11.01	277,803	10.15
480113	MECHANICAL DRAWING 3	50,789	1.87	73,271	2.72	73,664	2.69
480114	MECHANICAL DRAWING 4	12,403	0.46	19,888	0.74	21,438	0.78
480121	ARCHITECTURAL DRAWING 1	4,574	0.17	5,000	0.19	6,293	0.23
480122	ARCHITECTURAL DRAWING 2	63,364	2.33	55,266	2.05	59,543	2.18
480123	ARCHITECTURAL DRAWING 3	6,077	0.22	11,900	0.44	12,721	0.46
480124	ARCHITECTURAL DRAWING 4	3,075	0.11	3,644	0.01	905	0.03
480131	ENGINEERING DRAWING 1	653	0.02	310	0.01	255	0.01
480132	ENGINEERING DRAWING 2	32,153	1.18	21,539	0.80	15,434	0.54
480141	BLUEPRINT READING	2,543	0.09	2,276	0.08	1,333	0.05
480151	DRAFTING 1, COOPERATIVE	1,311	0.05	3,566	0.13	9,396	0.35
480152	DRAFTING 2, COOPERATIVE	48	0.00	2,254	0.08	2,725	0.10
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER	.	.	190	0.01	118	0.00
480211	COMMERCIAL ART 1	2,040	0.08	779	0.03	2,157	0.08
480212	COMMERCIAL ART 2	42,079	1.55	47,360	1.76	39,937	1.46
480213	COMMERCIAL ART, COOPERATIVE	4,413	0.16	4,715	0.17	8,742	0.32
480221	GRAPHIC ARTS 1	.	.	369	0.01	1,136	0.04
480222	GRAPHIC ARTS 2	94,573	3.48	114,993	4.26	122,479	4.48
480223	GRAPHIC ARTS 3	13,558	0.50	29,530	1.10	28,461	1.04
480224	GRAPHIC ARTS 4	4,968	0.18	7,782	0.29	6,981	0.26
480231	SIGN PAINTING 1	4,220	0.01	1,574	0.06	4,597	0.17
480251	ELECTRONIC COMPOSITION	.	.	2,820	0.10	7,425	0.27
480261	COPY EDITING	91	0.00	217	0.01	336	0.01
480311	LEATHERWORK 1	.	.	100	0.00	.	.
480312	LEATHERWORK 2	354	0.01	5,835	0.22	14,141	0.52
480322	UPHOLSTERY, ADVANCED	.	.	660	0.02	881	0.03
480331	AUTO UPHOLSTERY	1,366	0.05	397	0.01	3,918	0.14
480411	HEATCUTTING 1	.	.	409	0.02	397	0.01
480412	HEATCUTTING 2	.	.	280	0.01	141	0.01
480500	PRECISION METAL WORK, OTHER	.	.	3,109	0.12	2,786	0.10
480511	METAL 1	101,784	3.75	119,285	4.42	1,739	0.06
480512	METAL 2	18,207	0.67	36,017	1.34	166,501	6.08
480513	METAL 3	2,239	0.08	5,010	0.19	31,196	1.14
480514	METAL 4	506	0.02	1,867	0.07	7,646	0.28
480521	WELDING 1	36,109	1.33	38,165	1.42	2,853	0.10
480522	WELDING 2	8,494	0.31	10,481	0.39	58,534	2.14
480523	WELDING 3	2,247	0.08	2,585	0.10	13,651	0.50
						10,290	0.38



6 100

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
480524	WELDING - COOPERATIVE EDUCATION						
480531	SHEET METAL 1	2,686	0.10	497	0.02	6,727	0.25
480532	SHEET METAL 2	407	0.01	4,089	0.15	2,505	0.09
480541	METAL RESTORATION			1,387	0.05	321	0.01
480551	FOUNDRY 1					1,393	0.05
480552	FOUNDRY 2			156	0.01	266	0.01
480611	PLASTICS 1	11,487	0.42	18,658	0.69	30,204	1.10
480612	PLASTICS 2	1,603	0.06	896	0.03	1,868	0.07
480621	SPACE AGE PLASTICS						
480700	WOODWORKING, OTHER						
480711	WOODWORKING 1	250,445	9.22	573	0.02	1,234	0.05
480712	WOODWORKING 2	70,475	2.59	269,753	10.00	317,579	11.60
480713	WOODWORKING 3	23,148	0.85	116,062	4.30	98,462	3.60
480714	WOODWORKING 4	4,518	0.17	27,677	1.03	36,528	1.33
480721	FURNITURE REFINISHING			5,631	0.21	10,234	0.37
480731	CABINETMAKING 1	10,475	0.03	2,207	0.08	9,461	0.35
480732	CABINETMAKING 2	6,718	0.25	11,153	0.41	13,225	0.48
489900	PRECISION PRODUCTION, OTHER			3,167	0.12	5,145	0.19
490100	AIR TRANSPORTATION, OTHER			128	0.00		
490111	AERONAUTICS 1	6,331	0.23	5,869	0.22	340	0.01
490112	AERONAUTICS 2	126	0.00	1,195	0.04	5,479	0.20
490121	AVIATION TECHNOLOGY 1	790	0.03	1,189	0.04	1,319	0.05
490122	AVIATION TECHNOLOGY 2			262	0.01	4,340	0.16
490123	AVIATION TECHNOLOGY 3			99	0.00		
490131	AIR TRAVEL SERVICE OCCUPATIONS			133	0.00		
490211	FORKLIFT OPERATOR	141	0.01			32	0.00
490212	TRACTOR-TRAILER TRUCK DRIVING						
490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT	3,463	0.13				
490214	BUS DRIVER/CHAUFFEUR	2,277	0.08	1,082	0.04		
490300	WATER TRANSPORTATION, OTHER			72	0.00		
490311	MARINE MECHANICS, BASIC	59	0.00	694	0.03	266	0.01
490312	MARINE MECHANICS, ADVANCED					628	0.02
490321	BOAT BUILDING					227	0.01
490331	NAVIGATION					910	0.03
490341	AQUATIC OCCUPATIONS			110	0.00		
490411	INTRODUCTION TO TRANSPORTATION INDUSTRY	16,099	0.59	188	0.01		
490412	TRANSPORTATION TECHNOLOGY 2	109	0.00	3,122	0.12		
499900	TRANSPORTATION AND MATERIAL MOVING, OTHER			138	0.01		
500100	VISUAL AND PERFORMING ARTS, OTHER GENERAL	1,492	0.05	741	0.03		
500111	AESTHETICS	30,142	1.11			649	0.02
500200	CRAFTS, OTHER	627	0.02	22,101	0.82	8,742	0.32
500211	CRAFTS 7					7,154	0.26
500212	CRAFTS 8					4,451	0.16
500213	CRAFTS 9					1,842	0.07
500214	CRAFTS 10	87,730	3.23	76,006	2.82	121,337	4.43
		21,846	0.80	32,893	1.22	28,846	1.05

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSSC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
500215	CRAFTS 11	3,799	0.14	15,760	0.58	7,628	0.26
500216	CRAFTS 12			8,921	0.33	2,809	0.10
500221	CRAFTS 11, ADVANCED	137	0.01	2,695	0.10	8,270	0.30
500222	CRAFTS 12, ADVANCED			1,404	0.05	947	0.03
500231	DECORATOR CRAFTS			312	0.01	5,479	0.20
500241	ENAMELING			59	0.00	2,090	0.08
500251	JEWELRY 1	22,286	0.82	27,162	1.01	39,809	1.45
500252	JEWELRY 2	2,499	0.09	2,263	0.08		
500253	JEWELRY 3	112	0.00				
500261	CERAMICS 7			821	0.03	2,397	0.09
500262	CERAMICS 8					1,422	0.05
500263	CERAMICS 9			83,396	3.09	127,770	4.67
500264	CERAMICS 10	58,807	2.16	53,631	1.99	53,733	1.96
500265	CERAMICS 11	9,195	0.34	5,217	0.19	10,074	0.37
500266	CERAMICS 12	4,437	0.16	4,528	0.17	10,217	0.37
500271	TEXTILE DESIGN	5,213	0.19	2,674	0.10	20,080	0.73
500281	MODEL BUILDING					243	0.01
500291	PRINTMAKING 1	28,212	1.04	9,459	0.35	21,672	0.79
500292	PRINTMAKING 2			116	0.00		
500300	DANCE, OTHER	878	0.03	169	0.01	7,389	0.27
500311	MODERN DANCE FOR BEGINNERS 9	44,043	1.62	22,992	0.85	16,259	0.59
500312	MODERN DANCE FOR BEGINNERS 10	9,785	0.36	14,561	0.54	4,130	0.15
500313	MODERN DANCE FOR BEGINNERS 11	6,180	0.23	3,529	0.13	1,947	0.07
500314	MODERN DANCE FOR BEGINNERS 12	180	0.01	2,512	0.09	2,793	0.10
500321	MODERN DANCE 9, INTERMEDIATE	3,055	0.11	7,104	0.26	5,593	0.20
500322	MODERN DANCE 10, INTERMEDIATE	842	0.03	9,269	0.34	1,053	0.04
500323	MODERN DANCE 11, INTERMEDIATE			3,399	0.13		
500324	MODERN DANCE 12, INTERMEDIATE			4,318	0.16	872	0.03
500331	DANCE 9, ADVANCED	1,156	0.04	2,669	0.10	14,556	0.53
500332	DANCE 10, ADVANCED	6,642	0.24	7,682	0.28	5,827	0.21
500333	DANCE 11, ADVANCED	204	0.01	1,849	0.07	1,815	0.07
500334	DANCE 12, ADVANCED			1,963	0.07	1,843	0.07
500341	PERFORMING DANCE GROUP 9	4,984	0.18	5,582	0.21	662	0.02
500342	PERFORMING DANCE GROUP 10	625	0.02	2,376	0.09	26	0.00
500343	PERFORMING DANCE GROUP 11			379	0.01	157	0.01
500344	PERFORMING DANCE GROUP 12	621	0.02	507	0.02		
500351	BALLET AND JAZZ FOR BEGINNERS 9	12,961	0.48	2,104	0.08	1,743	0.06
500352	BALLET AND JAZZ FOR BEGINNERS 10	6,665	0.25	1,884	0.07	664	0.02
500353	BALLET AND JAZZ FOR BEGINNERS 11	693	0.03			686	0.03
500354	BALLET AND JAZZ FOR BEGINNERS 12	655	0.02			196	0.01
500361	ETHNIC DANCE	614	0.02	1,665	0.06	1,547	0.06
500371	SQUARE DANCE	192	0.01	32	0.00	984	0.04
500381	AEROBIC DANCE	49,604	1.83	36,336	1.35	4,641	0.17
500400	DESIGN, OTHER			20	0.00	2,874	0.11
500411	GRAPHIC DESIGN	5,334	0.20	3,498	0.13	5,530	0.20

110

112

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
500421	THEATER MAKEUP	177	0.01	92	0.00	9,829	0.36
500431	LIGHTING FUNDAMENTALS, THEATER	2,404	0.09	505	0.02	91,487	3.34
500500	DRAMATIC ARTS, OTHER	248	0.01	163,378	6.06	55,296	2.02
500511	STAGECRAFT 9	239,025	8.80	104,558	3.88	23,796	0.87
500512	STAGECRAFT 10	75,908	2.79	45,004	1.67	13,336	0.49
500513	STAGECRAFT 11	33,299	1.23	17,902	0.66	5,049	0.18
500514	STAGECRAFT 12	14,754	0.54	3,973	0.15	3,308	0.12
500521	IMPROVISATION AND MIME	3,730	0.14	152	0.01	1,269	0.05
500531	PLAYWRITING	900	0.03	7,127	0.26	9,893	0.36
500541	THEATER PRACTICUM CONTRACT	10,359	0.38	1,142	0.04	2,340	0.09
500551	DRAMA, HISTORY	16,810	0.62	183	0.01	8,447	0.31
500561	DRAMA, INDEPENDENT STUDY	3,896	0.14	27,086	1.00	48,185	1.76
500600	FILM ARTS, OTHER	17,424	0.64	4,201	0.16	12,032	0.44
500611	FILM STUDY	18,799	0.69	160,633	5.96	128,629	4.70
500612	LANGUAGE OF THE CINEMA	199,851	7.36	16,769	0.62	21,850	0.80
500621	PHOTOGRAPHY 10	17,615	0.65	10,350	0.38	8,793	0.32
500622	PHOTOGRAPHY 11, ELEMENTARY	1,058	0.04	12,172	0.45	14,053	0.51
500623	PHOTOGRAPHY 12, ELEMENTARY	10,069	0.37	3,781	0.14	6,526	0.24
500631	PHOTOGRAPHY 11, ADVANCED	750	0.03	2,460	0.09	30,367	1.11
500632	PHOTOGRAPHY 12, ADVANCED	89	0.00	225,822	8.37	158,946	0.02
500700	FINE ARTS, OTHER	243,616	8.97	474,567	17.60	574,862	5.81
500701	FINE ARTS 7	644,421	23.72	141,068	5.23	160,261	21.01
500702	FINE ARTS 8	150,423	5.54	48,866	1.81	45,298	5.86
500703	ART, GENERAL	39,844	1.47	22,466	0.83	28,638	1.05
500704	ART 1	23,371	0.86	32,675	1.21	28,007	1.02
500705	ART 2	25,777	0.95	15,678	0.58	21,541	0.79
500706	ART 3	36,029	1.33	2,786	0.10	3,109	0.11
500707	ART 4	505	0.02	393	0.01	1,833	0.07
500708	ART 1, INDEPENDENT STUDY	185	0.01	575	0.02	918	0.03
500709	ART 2, INDEPENDENT STUDY	200,506	7.38	145,303	5.39	187,732	6.86
500710	ART SERVICES 10	59,415	2.19	59,839	2.22	46,676	1.71
500711	ART SERVICES 11	14,547	0.54	10,227	0.38	7,064	0.26
500712	ART SERVICES 12	1,670	0.06	1,428	0.05	3,192	0.12
500713	ART SERVICES 11	6,246	0.23	3,241	0.12	9,068	0.33
500714	ART SERVICES 12	263	0.01	956	0.04	1,330	0.05
500715	DRAWING	59,117	2.18	36,721	1.36	38,005	1.39
500716	PAINTING 1	1,376	0.05	4,644	0.17	9,801	0.36
500717	PAINTING 2	187	0.01	140	0.01	635	0.02
500718	WATERCOLOR 1	15,610	0.57	22,228	0.82	41,002	1.50
500719	WATERCOLOR 2	4,473	0.16	1,644	0.06	2,270	0.08
500720	CARTOONING	11,513	0.42	16,821	0.62	10,173	0.37
500721	MURAL PAINTING						
500722	SCULPTURE						
500723	SILK SCREEN						
500724	ASSEMBLAGE						
500725	PRODUCT DESIGN						
500726	LIFE DRAWING						
500727	CALLIGRAPHY						

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in Classification of Secondary School Courses) (Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
500726	ART HISTORY AND APPRECIATION	39,361	1.45	37,156	1.38	28,386	1.04
500727	BLACK FINE ARTS	.	.	.	.	213	0.01
500729	BICULTURAL ART	.	.	.	.	29	0.00
500731	ETHNIC ART HISTORY	190	0.01	1,531	0.06	592	0.02
500732	ART AS A MULTICULTURAL STUDY	.	.	1,928	0.03	1,481	0.05
500800	GRAPHIC ARTS TECHNOLOGY, OTHER	15,213	0.56	3,705	0.06	2,631	0.10
500811	COMPUTER GRAPHICS DESIGN	692	0.03	2,131	0.08	.	.
500900	MUSIC, OTHER	.	.	2,705	0.03	39,988	1.46
500901	MUSIC 7	.	.	.	.	26,246	0.96
500902	MUSIC 8	.	.	.	.	3,491	0.13
500903	BAND 7	.	.	.	.	3,426	0.13
500904	BAND 7, ADVANCED	.	.	85	0.00	5,761	0.21
500905	BAND 8	.	.	1,757	0.07	4,935	0.18
500906	BAND 8, ADVANCED	.	.	.	.	1,922	0.07
500907	BAND 9	108,098	3.98	94,326	3.50	216,861	7.92
500908	BAND 9, ADVANCED	63,909	2.35	36,607	1.36	79,827	2.92
500909	BAND, CONCERT	159,930	5.89	241,458	8.95	133,926	4.89
500910	BAND, MARCHING	93,371	3.44	106,603	3.95	69,069	2.52
500911	BAND, SYMPHONIC	52,069	1.92	55,989	2.08	39,912	1.46
500912	ORCHESTRA 7	.	.	.	.	1,295	0.05
500913	ORCHESTRA 7, ADVANCED	.	.	37	0.00	674	0.02
500915	ORCHESTRA 8	.	.	.	.	720	0.03
500916	ORCHESTRA 8, ADVANCED	.	.	.	.	20,237	0.74
500917	ORCHESTRA 9	19,853	0.73	12,600	0.47	4,532	0.17
500918	ORCHESTRA 9, ADVANCED	5,951	0.22	4,104	0.15	7,151	0.26
500919	ORCHESTRA 10	10,833	0.40	12,695	0.47	5,476	0.20
500920	ORCHESTRA 11	3,703	0.14	10,303	0.38	6,613	0.24
500921	ORCHESTRA 12	5,778	0.21	5,711	0.21	6,133	0.25
500922	INSTRUMENTAL STRING CLASS	4,732	0.17	5,904	0.22	6,967	0.25
500923	BRASS AND PERCUSSION CLASS	3,240	0.12	4,422	0.16	5,879	0.21
500924	WIND ENSEMBLE	15,373	0.57	14,406	0.53	11,745	0.43
500925	WOODWIND CLASS	1,587	0.06	5,223	0.19	5,447	0.20
500926	ELECTRONIC MUSIC, INTRODUCTION	1,189	0.04	3,899	0.14	1,698	0.06
500927	ENSEMBLE, INSTRUMENTAL	42,434	1.56	52,065	1.93	46,810	1.71
500928	GUITAR, BEGINNING	14,958	0.55	23,205	0.86	35,036	1.20
500929	GUITAR, INTERMEDIATE	4,342	0.16	3,137	0.12	4,500	0.16
500930	GUITAR, ADVANCED	1,638	0.06	1,901	0.07	2,648	0.10
500931	HANDBELLS	1,037	0.04	1,300	0.05	1,086	0.04
500932	PIANO 1	28,979	1.07	25,066	0.93	21,354	0.79
500933	PIANO 2	2,070	0.08	2,053	0.08	4,089	0.15
500934	ORGAN	.	.	.	.	1,194	0.04
500935	MUSIC LESSONS, APPLIED	26,804	0.99	11,740	0.44	11,506	0.42
500936	CHORUS 7	.	.	.	.	5,288	0.19
500937	CHORUS 7, ADVANCED	.	.	.	.	31	0.00
500938	CHORUS 8	2,456	0.09	.	.	683	0.02
500938	CHORUS 8, ADVANCED	.	.	.	.	155	0.01

Table 7. Number of 1990, 1987, and 1982 Graduates Receiving Credit in All Secondary Subjects (for all courses listed in the Classification of Secondary School Courses)
(Continued)

CSCC CODE	COURSE TITLE	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE	TOTAL NUMBER OF GRADUATES WITH CARNEGIE UNITS > 0	PERCENTAGE OF GRADUATES NATIONWIDE
500939	CHORUS 9	265,302	9.77	232,877	8.64	246,742	9.02
500940	CHORUS 9, ADVANCED	22,809	0.84	15,995	0.74	32,041	1.17
500941	CHORUS 10	47,284	1.74	97,732	3.62	70,315	2.57
500942	CHORUS 10, ADVANCED	11,646	0.43	13,980	0.52	8,992	0.33
500943	CHORUS 11	29,709	1.09	85,601	3.17	34,776	1.27
500944	CHORUS 11, ADVANCED	25,918	0.95	18,924	0.70	13,402	0.49
500945	CHORUS 12	10,689	0.39	50,320	1.87	22,228	0.81
500946	CHORUS 12, ADVANCED	10,239	0.38	6,030	0.22	10,693	0.39
500947	VOCAL ENSEMBLE	140,466	5.17	159,356	5.91	160,595	5.87
500948	VOICE CLASS	13,788	0.51	9,302	0.34	9,483	0.35
500949	MUSIC THEORY	1,615	0.06	2,147	0.08	4,510	0.16
500951	CONDUCTING	63,266	2.33	2,430	0.09	44,287	1.62
500952	MUSIC THEORY	.	.	28,632	1.06	44,597	1.62
500953	MUSIC HISTORY 7	.	.	.	.	938	0.02
500954	MUSIC HISTORY 8	.	.	.	.	938	0.02
500955	MUSIC HISTORY 9	11,325	0.42	12,648	0.47	24,903	0.91
500956	MUSIC HISTORY 10	2,914	0.11	3,152	0.12	1,013	0.04
500957	MUSIC HISTORY 11	.	.	518	0.02	3,127	0.11
500958	MUSIC HISTORY 12	.	.	1,069	0.04	995	0.04
500959	MUSIC LITERATURE 9	4,641	0.17	6,203	0.23	2,247	0.08
500960	MUSIC LITERATURE 10	.	.	3,808	0.14	782	0.03
500961	MUSIC LITERATURE 11	.	.	612	0.02	148	0.01
500962	MUSIC LITERATURE 12	427	0.02	409	0.02	458	0.02
500963	MUSIC APPRECIATION	88,271	3.25	86,321	3.20	39,514	1.44
500964	FOLK MUSIC, ETHNIC	932	0.03	742	0.03	.	.
500965	MUSIC THEATER	10,151	0.37	4,041	0.15	9,345	0.34
500966	MUSIC, INDEPENDENT STUDY	2,092	0.08	5,834	0.22	4,687	0.17
500967	MUSIC LABORATORY, GENERAL SURVEY	9,209	0.34	14,938	0.55	.	.
509900	VISUAL AND PERFORMING ARTS, OTHER	.	.	255	0.01	.	.
510101	EXECUTIVE INTERNSHIP	3,666	0.13	.	.	1,305	0.05
510102	EXECUTIVE INTERNSHIP 2	164	0.01	5,365	0.20	32,043	1.17
5XXXXX	SPECIAL EDUCATION COURSES	102,314	3.77	70,322	2.61	1,269	0.05
6XXXXX	UNCODEABLE	46,497	1.71	.	.	18,653	0.69

NOTE: For presentation purposes, all Special Education courses included in this table have been treated as one CSCC code 5XXXXX.

NOTE: CSCC code 6XXXXX represents courses for which we have insufficient information to assign a regular CSCC code. For example, some transcript entries were so abbreviated that we could not determine the nature of the courses. In other cases, a transcript indicated that credit was awarded for transferred courses but provided no list of specific courses.

Table 8. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990, 1987, and 1982

SUBJECT FIELD	1990 GRADUATES	1987 GRADUATES	1982 GRADUATES
ENGLISH	4.03	4.03	3.80
HISTORY	1.99	1.90	1.68
SOCIAL STUDIES OTHER THAN HIST	1.48	1.49	1.42
MATHEMATICS	3.11	3.97	2.54
COMPUTER SCIENCE/PROG/DATA PROC	0.46	0.43	0.11
SCIENCE	2.82	2.52	2.19
FOREIGN LANGUAGES	1.42	1.46	1.05
NON-OCC SPECIFIC VOC ED	1.50	1.54	1.84
OCC SPECIFIC VOC ED	1.75	2.02	2.14
VISUAL AND PERFORMING ARTS	1.55	1.43	1.39
PHYSICAL ED, HEALTH, & SPORTS	2.01	1.97	1.93
ALL COURSES OTHER THAN ABOVE	1.24	1.14	1.14
MEAN TOTAL NUMBER OF CREDITS EARNED	23.60	23.01	21.23

Table 9. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990

SUBJECT FIELD	CREDITS EARNED CATEGORIES											MEAN
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
ENGLISH	0.3	0.1	0.3	1.5	9.0	61.2	21.9	4.1	1.6	4.09		
HISTORY	1.1	1.3	18.2	53.0	23.3	2.8	0.2	0.0	0.0	1.99		
SOCIAL STUDIES OTHER THAN HIST	5.7	6.9	33.9	39.5	11.7	1.9	0.3	0.1	0.1	1.48		
MATHEMATICS	0.4	0.1	2.8	20.2	36.9	34.3	5.1	0.4	0.1	3.11		
COMPUTER SCIENCE/PROG/DATA PROC	48.1	24.8	19.0	6.7	1.1	0.2	0.1	0.1	0.0	0.46		
SCIENCE	0.4	0.1	5.0	33.0	34.8	20.3	4.9	1.2	0.3	2.82		
FOREIGN LANGUAGES	26.9	2.6	14.4	31.0	15.3	8.2	0.9	0.3	0.2	1.62		
NON-OCC SPECIFIC VOC ED	19.2	13.1	21.8	23.4	11.7	6.0	2.7	1.0	1.1	1.50		
OCC SPECIFIC VOC ED	30.7	9.4	15.6	15.3	10.3	6.8	4.2	3.5	4.1	1.75		
VISUAL AND PERFORMING ARTS	25.4	10.7	20.9	18.7	9.6	7.8	3.7	1.7	1.5	1.53		
PHYSICAL ED, HEALTH, & SPORTS	2.8	4.7	16.7	36.8	24.6	11.3	2.7	0.2	0.1	2.01		
ALL COURSES OTHER THAN ABOVE	24.1	26.6	14.1	16.9	7.9	4.9	3.1	1.1	1.2	1.24		

A-47

Table 10. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1987

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00		
ENGLISH	0.1	0.0	0.3	1.6	10.1	63.3	20.0	3.1	1.4	4.03	
HISTORY	0.6	0.7	22.6	52.2	21.7	2.1	0.1	0.0	0.0	1.90	
SOCIAL STUDIES OTHER THAN HIST	7.9	9.6	30.7	38.0	11.0	2.3	0.3	0.1	0.0	1.43	
MATHEMATICS	0.4	0.2	4.7	25.4	33.3	30.3	5.0	0.7	0.1	2.97	
COMPUTER SCIENCE/PROG/DATA PROC	51.8	24.2	16.7	5.9	0.9	0.3	0.1	0.1	0.1	0.43	
SCIENCE	0.8	0.5	10.4	37.5	28.3	16.8	4.3	1.0	0.3	2.59	
FOREIGN LANGUAGES	32.7	2.6	16.4	26.0	13.2	7.1	1.2	0.5	0.3	1.46	
NON-OCC SPECIFIC VOC ED	17.0	10.4	21.9	24.5	14.0	6.7	3.3	1.3	0.9	1.54	
OCC SPECIFIC VOC ED	26.1	8.2	15.5	15.6	11.5	8.2	5.7	4.2	5.2	2.02	
VISUAL AND PERFORMING ARTS	32.1	10.1	18.5	16.5	8.6	7.2	3.6	1.6	1.7	1.43	
PHYSICAL ED, HEALTH, & SPORTS	5.1	6.1	19.1	35.9	17.1	11.3	4.7	0.6	0.1	1.97	
ALL COURSES OTHER THAN ABOVE	26.2	25.4	16.3	14.7	7.7	5.3	3.0	0.8	0.5	1.14	

Table 11. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1982

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00		
ENGLISH	0.6	0.1	0.7	3.0	20.9	53.5	16.1	3.8	1.4	3.80	
HISTORY	3.6	2.4	30.2	46.3	15.5	1.8	0.1	0.0	0.1	1.68	
SOCIAL STUDIES OTHER THAN HIST	9.4	10.1	29.8	35.1	12.0	2.9	0.5	0.1	0.1	1.42	
MATHEMATICS	1.5	0.6	14.2	31.7	27.3	20.5	3.6	0.4	0.2	2.54	
COMPUTER SCIENCE/PROG/DATA PROC	86.4	8.1	4.2	0.8	0.1	0.1	0.1	0.0	0.0	0.11	
SCIENCE	3.0	1.2	23.0	36.7	19.6	11.9	3.5	1.0	0.2	2.19	
FOREIGN LANGUAGES	48.5	2.5	14.5	19.4	9.2	5.0	0.6	0.2	0.1	1.05	
NON-OCC SPECIFIC VOC ED	15.0	8.9	20.3	23.9	15.6	8.8	4.4	1.6	1.7	1.84	
OCC SPECIFIC VOC ED	23.5	7.1	15.1	17.1	12.2	9.1	6.1	4.1	5.9	2.14	
VISUAL AND PERFORMING ARTS	33.3	11.0	17.1	15.2	9.4	7.5	3.3	1.6	1.7	1.39	
PHYSICAL ED, HEALTH, & SPORTS	5.7	5.0	19.6	35.3	19.3	10.8	3.3	0.6	0.4	1.93	
ALL COURSES OTHER THAN ABOVE	24.2	26.4	15.9	17.4	7.7	4.3	2.4	0.9	0.9	1.14	

4149

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories

SUBJECT FIELD	CREDITS EARNED CATEGORIES									
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
ENGLISH										
ALL GRADUATES:	0.3	0.1	0.3	1.5	9.0	61.2	21.9	4.1	1.6	4.09
GENDER										
MALE	0.4	0.1	0.3	1.7	9.3	62.5	20.1	3.9	1.7	4.06
FEMALE	0.2	0.1	0.3	1.3	8.7	60.0	23.5	4.4	1.6	4.12
RACE/ETHNICITY										
WHITE	0.2	0.1	0.3	1.5	10.0	62.7	21.1	3.2	0.9	4.03
BLACK	0.7	0.2	0.5	0.8	6.1	59.6	24.8	5.4	1.9	4.17
HISPANIC	0.3	0.0	0.2	1.8	6.2	49.0	27.2	9.2	6.1	4.43
ASIAN/PACIFIC	0.1	0.0	0.1	1.5	3.8	57.2	22.5	8.2	6.4	4.42
OTHER	0.0	0.0	0.0	2.0	7.6	55.3	25.1	7.6	2.5	4.25
NOT REPORTED	0.2	0.0	0.3	3.0	10.5	67.9	14.7	2.6	0.9	3.91
STUDENT PROGRAM										
ACADEMIC	0.0	0.0	0.1	0.9	3.7	61.7	26.1	5.3	2.3	4.27
VOCATIONAL	1.0	0.1	0.7	3.2	28.8	57.4	7.9	0.9	0.0	3.54
BOTH	0.0	0.0	0.0	0.4	4.4	72.8	18.9	2.8	0.8	4.13
NEITHER	1.5	0.5	1.2	4.7	28.8	52.0	10.5	0.8	0.0	3.45

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN	
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
ENGLISH												
COMMUNITY TYPE												
BIG CITY	0.2	0.2	0.4	3.2	3.9	49.8	29.6	8.4	4.3	4.35		
URBAN FRINGE	0.2	0.0	0.2	1.1	9.1	61.9	21.3	4.6	1.6	4.10		
MEDIUM CITY	0.2	0.0	0.1	0.5	9.0	62.9	22.7	3.5	1.2	4.10		
SMALL PLACE	0.4	0.1	0.4	1.5	10.4	63.7	19.8	2.8	1.0	4.01		
PUBLIC/NONPUBLIC SCHOOL												
PUBLIC	0.3	0.1	0.3	1.6	9.7	61.5	21.3	3.8	1.5	4.06		
NONPUBLIC	0.2	0.0	0.1	0.4	2.0	58.2	28.2	7.6	3.3	4.38		
REGION												
NORTHEAST	0.4	0.0	0.6	1.2	6.4	61.7	22.2	5.1	2.3	4.16		
SOUTH CENTRAL	0.4	0.1	0.2	0.3	1.9	71.6	21.6	2.9	1.0	4.19		
NORTH CENTRAL	0.1	0.1	0.3	2.2	20.9	49.3	23.3	3.0	0.9	3.86		
WEST	0.3	0.1	0.1	2.8	7.6	59.0	20.4	6.6	3.1	4.16		

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN	
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
HISTORY												
ALL GRADUATES:	1.1	1.3	18.2	53.0	23.3	2.8	0.2	0.0	0.0	1.99		
GENDER												
MALE	1.1	1.3	17.1	52.6	24.6	3.0	0.2	0.0	0.0	2.00		
FEMALE	1.1	1.3	19.2	53.3	22.1	2.7	0.3	0.1	0.0	1.97		
RACE/ETHNICITY												
WHITE	1.2	1.6	19.3	52.3	22.5	2.8	0.2	0.0	0.0	1.96		
BLACK	0.8	0.7	19.2	53.7	22.7	2.4	0.3	0.0	0.1	1.99		
HISPANIC	0.9	0.5	11.3	67.0	17.6	2.4	0.2	0.1	0.1	2.01		
ASIAN/PACIFIC	0.1	0.5	12.5	47.6	33.6	5.4	0.3	0.0	0.0	2.19		
OTHER	0.0	0.3	18.2	49.6	29.3	2.3	0.0	0.4	0.0	2.06		
NOT REPORTED	0.7	1.3	11.3	39.9	43.6	2.9	0.3	0.0	0.0	2.26		
STUDENT PROGRAM												
ACADEMIC	0.6	0.9	14.0	53.3	27.1	3.7	0.4	0.0	0.0	2.11		
VOCATIONAL	4.2	3.4	35.0	48.4	8.3	0.6	0.0	0.0	0.0	1.52		
BOTH	0.6	0.3	18.9	54.9	23.8	1.4	0.1	0.0	0.0	2.01		
NEITHER	2.0	3.2	29.8	52.5	12.0	0.4	0.0	0.0	0.0	1.63		

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN	
											CREDITS EARNED CATEGORIES
HISTORY											
COMMUNITY TYPE											
BIG CITY	0.3	0.4	15.1	52.9	27.2	3.4	0.5	0.1	0.1	2.13	
URBAN FRINGE	0.5	1.6	12.6	54.8	26.7	3.6	0.2	0.0	0.0	2.09	
MEDIUM CITY	0.5	5.2	16.1	65.1	12.0	1.0	0.1	0.0	0.0	1.82	
SMALL PLACE	1.8	0.5	22.7	49.0	23.1	2.6	0.2	0.0	0.0	1.93	
PUBLIC/NONPUBLIC SCHOOL											
PUBLIC	1.0	1.4	19.2	53.3	22.4	2.4	0.2	0.0	0.0	1.95	
NONPUBLIC	1.7	0.1	8.0	49.7	32.5	7.2	0.7	0.1	0.1	2.31	
REGION											
NORTHEAST	1.0	0.1	13.0	24.3	51.8	8.8	0.9	0.1	0.0	2.50	
SOUTH CENTRAL	0.3	0.1	23.9	62.0	12.6	0.9	0.1	0.0	0.0	1.85	
NORTH CENTRAL	2.6	3.4	23.3	55.2	14.5	0.8	0.2	0.0	0.0	1.72	
WEST	0.4	1.9	7.2	65.6	22.6	2.3	0.0	0.0	0.0	2.02	

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES									
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
SOCIAL STUDIES OTHER THAN HIST	5.7	6.9	33.9	39.5	11.7	1.9	0.3	0.1	0.1	1.48
GENDER										
MALE	5.8	8.3	35.2	38.0	10.5	1.8	0.3	0.1	0.1	1.43
FEMALE	5.7	5.7	32.6	40.8	12.8	1.9	0.3	0.1	0.0	1.51
RACE/ETHNICITY										
WHITE	5.5	7.2	32.8	39.7	12.5	1.8	0.3	0.1	0.1	1.49
BLACK	8.7	5.7	31.8	41.9	9.4	2.1	0.4	0.0	0.0	1.44
HISPANIC	4.7	5.5	44.3	33.0	9.2	2.0	0.4	0.5	0.2	1.44
ASIAN/PACIFIC	3.2	6.6	36.7	38.9	12.9	1.0	0.4	0.0	0.2	1.51
OTHER	3.6	13.9	34.3	38.4	8.4	1.4	0.0	0.0	0.0	1.34
NOT REPORTED	3.7	7.6	37.3	39.3	9.5	2.2	0.2	0.0	0.2	1.45
STUDENT PROGRAM										
ACADEMIC	5.0	5.4	32.3	40.6	13.7	2.4	0.4	0.1	0.1	1.56
VOCATIONAL	9.7	15.1	34.0	35.9	4.8	0.5	0.0	0.0	0.0	1.16
BOTH	4.6	5.5	44.4	35.4	8.5	1.3	0.0	0.1	0.1	1.39
NEITHER	8.1	11.3	34.1	38.5	7.6	0.4	0.0	0.0	0.0	1.26

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00		
SOCIAL STUDIES OTHER THAN HIST											
	COMMUNITY TYPE										
	4.2	6.9	37.7	35.7	11.8	3.0	0.4	0.2	0.1	1.50	
	BIG CITY										
	7.2	8.7	32.3	38.4	11.5	1.6	0.2	0.0	0.2	1.44	
	URBAN FRINGE										
	2.4	2.2	35.1	40.0	16.7	2.5	0.8	0.3	0.0	1.67	
	MEDIUM CITY										
	6.2	7.1	33.3	41.1	10.5	1.5	0.2	0.0	0.0	1.44	
	SMALL PLACE										
	PUBLIC/NONPUBLIC SCHOOL										
	5.2	6.9	33.7	40.1	11.8	1.8	0.3	0.1	0.0	1.48	
	PUBLIC										
	10.7	7.1	35.3	33.8	10.3	2.2	0.2	0.0	0.5	1.39	
	NONPUBLIC										
	REGION										
	18.2	9.7	39.9	25.0	5.4	1.5	0.1	0.0	0.2	1.11	
	NORTHEAST										
	4.0	3.9	34.9	43.2	11.9	1.6	0.3	0.1	0.0	1.56	
	SOUTH CENTRAL										
	1.7	9.6	23.8	46.2	16.3	2.2	0.2	0.0	0.0	1.61	
	NORTH CENTRAL										
	0.6	5.4	39.5	39.6	11.8	2.1	0.5	0.3	0.1	1.54	
	WEST										

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES									
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
MATHEMATICS										
ALL GRADUATES:	0.4	0.1	2.8	20.2	36.9	34.3	5.1	0.4	0.1	3.11
GENDER										
MALE	0.5	0.1	2.6	20.4	34.6	35.6	5.7	0.5	0.1	3.13
FEMALE	0.2	0.0	2.9	20.0	38.9	33.0	4.5	0.3	0.1	3.08
RACE/ETHNICITY										
WHITE	0.2	0.1	3.1	20.8	35.6	35.2	4.7	0.3	0.0	3.10
BLACK	1.2	0.1	2.1	18.7	40.9	31.1	4.8	1.0	0.1	3.09
HISPANIC	0.2	0.0	2.1	19.4	42.6	30.1	5.3	0.3	0.0	3.07
ASIAN/PACIFIC	0.0	0.2	1.3	10.8	27.1	46.0	14.0	0.6	0.0	3.50
OTHER	0.0	0.0	3.1	26.9	33.3	31.1	4.3	1.3	0.0	3.03
NOT REPORTED	0.2	0.0	2.1	22.9	44.1	25.3	4.5	0.6	0.3	3.01
STUDENT PROGRAM										
ACADEMIC	0.0	0.0	0.3	9.6	37.3	45.1	7.1	0.6	0.1	3.43
VOCATIONAL	0.8	0.3	12.1	62.9	22.0	1.9	0.0	0.0	0.0	2.04
BOTH	0.0	0.0	0.7	17.5	54.8	24.7	2.1	0.1	0.1	3.04
NEITHER	2.2	0.3	11.7	52.8	29.7	3.4	0.0	0.0	0.0	2.08

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN	
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
MATHEMATICS												
COMMUNITY TYPE												
BIG CITY	0.2	0.2	2.1	16.8	35.3	36.2	8.4	0.5	0.2	3.21		
URBAN FRINGE	0.2	0.0	1.5	16.2	37.8	39.4	4.5	0.3	0.0	3.19		
MEDIUM CITY	0.4	0.1	1.7	18.4	38.8	36.9	3.5	0.3	0.0	3.14		
SMALL PLACE	0.5	0.0	3.9	23.8	36.3	30.2	4.8	0.4	0.1	3.02		
PUBLIC/NONPUBLIC SCHOOL												
PUBLIC	0.4	0.1	3.0	21.3	37.4	32.3	5.1	0.4	0.0	3.07		
NONPUBLIC	0.1	0.1	0.7	8.7	31.3	53.3	5.1	0.4	0.2	3.50		
REGION												
NORTHEAST	0.4	0.1	3.3	18.7	29.0	40.2	7.2	0.9	0.2	3.26		
SOUTH CENTRAL	0.5	0.1	1.2	14.0	45.1	33.9	4.9	0.3	0.0	3.21		
NORTH CENTRAL	0.2	0.0	5.2	28.8	32.2	29.7	3.6	0.2	0.1	2.87		
WEST	0.4	0.1	1.5	20.3	37.6	34.6	5.2	0.3	0.0	3.08		

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN
	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
COMPUTER SCIENCE/PROG/DATA PROC	48.1	24.8	19.0	6.7	1.1	0.2	0.1	0.1	0.0	0.46	
ALL GRADUATES:											
GENDER											
MALE	48.4	23.5	19.1	7.3	1.3	0.2	0.1	0.0	0.1	0.48	
FEMALE	47.9	25.9	18.8	6.1	0.9	0.2	0.1	0.1	0.0	0.46	
RACE/ETHNICITY											
WHITE	48.9	25.0	18.1	6.7	0.9	0.2	0.1	0.1	0.0	0.45	
BLACK	44.7	24.5	21.1	7.3	1.9	0.3	0.0	0.1	0.1	0.52	
HISPANIC	45.7	24.4	22.7	5.9	0.8	0.4	0.0	0.0	0.0	0.48	
ASIAN/PACIFIC	47.1	22.0	23.0	6.4	1.3	0.1	0.0	0.1	0.0	0.49	
OTHER	45.3	22.9	20.8	6.5	3.6	0.0	0.0	0.0	0.9	0.58	
NOT REPORTED	53.9	24.4	16.1	4.7	0.9	0.0	0.0	0.0	0.0	0.39	
STUDENT PROGRAM											
ACADEMIC	44.7	25.3	21.2	7.4	1.1	0.3	0.0	0.1	0.0	0.50	
VOCATIONAL	62.7	22.9	9.2	3.6	1.2	0.2	0.2	0.0	0.0	0.31	
BOTH	55.1	21.9	16.8	5.4	0.7	0.2	0.0	0.0	0.0	0.38	
NEITHER	52.6	25.2	14.7	5.3	1.4	0.1	0.3	0.2	0.2	0.43	

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES									
	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN	
COMPUTER SCIENCE/PROG/DATA PROC										
COMMUNITY TYPE										
BIG CITY	46.8	24.9	18.3	7.9	1.8	0.2	0.1	0.1	0.0	0.50
URBAN FRINGE	51.0	23.0	18.7	5.9	1.2	0.3	0.0	0.0	0.0	0.44
MEDIUM CITY	54.6	20.0	20.9	3.6	0.7	0.0	0.0	0.1	0.1	0.41
SMALL PLACE	45.4	26.9	18.8	7.5	0.9	0.2	0.1	0.1	0.0	0.3
PUBLIC/NONPUBLIC SCHOOL										
PUBLIC	48.3	24.2	19.1	6.8	1.2	0.2	0.1	0.1	0.0	0.47
NONPUBLIC	46.4	30.1	17.7	5.4	0.3	0.2	0.0	0.0	0.0	0.41
REGION										
NORTHEAST	42.9	26.5	18.8	9.5	1.7	0.4	0.1	0.0	0.0	0.53
SOUTH CENTRAL	46.3	19.1	26.5	6.5	1.0	0.3	0.1	0.2	0.1	0.53
NORTH CENTRAL	49.8	29.9	12.8	6.4	0.9	0.1	0.0	0.0	0.1	0.41
WEST	54.6	25.4	14.8	4.4	0.7	0.1	0.0	0.0	0.0	0.37



Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00		
SCIENCE	0.4	0.1	5.0	33.0	34.8	20.3	4.9	1.2	0.3	2.82	
ALL GRADUATES:											
GENDER											
MALE	0.6	0.2	5.0	31.3	34.0	21.7	5.4	1.4	0.3	2.87	
FEMALE	0.2	0.1	5.0	34.5	35.5	19.0	4.4	1.0	0.2	2.78	
RACE/ETHNICITY											
WHITE	0.3	0.2	5.1	31.5	34.1	21.8	5.4	1.4	0.2	2.87	
BLACK	0.9	0.1	4.4	34.5	39.2	16.2	4.0	0.5	0.2	2.73	
HISPANIC	0.6	0.1	5.3	43.3	34.1	13.6	2.4	0.3	0.2	2.55	
ASIAN/PACIFIC	0.2	0.0	3.9	26.8	35.1	25.6	6.0	1.3	1.1	3.04	
OTHER	0.0	0.5	10.2	40.5	27.7	9.1	8.3	1.4	2.2	2.72	
NOT REPORTED	0.6	0.0	4.9	40.4	34.7	17.7	0.9	0.7	0.1	2.62	
STUDENT PROGRAM											
ACADEMIC	0.0	0.0	1.1	22.0	40.3	27.7	6.9	1.7	0.4	3.16	
VOCATIONAL	1.7	1.0	21.6	64.0	11.3	0.4	0.0	0.0	0.0	1.80	
BOTH	0.0	0.1	2.6	43.9	42.3	9.4	1.3	0.3	0.0	2.59	
NEITHER	2.0	0.5	17.8	64.3	14.2	0.9	0.2	0.0	0.0	1.86	

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN	
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
FOREIGN LANGUAGES												
ALL GRADUATES:	26.9	2.6	14.4	31.0	15.3	8.2	0.9	0.3	0.2	1.62		
GENDER												
MALE	32.7	2.8	13.9	30.2	13.3	6.1	0.6	0.2	0.2	1.43		
FEMALE	21.7	2.4	14.9	31.8	17.1	10.2	1.2	0.4	0.3	1.80		
RACE/ETHNICITY												
WHITE	26.1	2.3	13.6	31.3	16.0	9.1	1.0	0.3	0.3	1.68		
BLACK	34.9	3.3	18.1	28.2	11.2	3.8	0.3	0.1	0.0	1.26		
HISPANIC	24.5	3.1	17.3	34.7	13.3	5.1	1.3	0.4	0.3	1.55		
ASIAN/PACIFIC	13.7	3.0	9.2	35.0	22.4	14.2	0.9	0.8	0.7	2.15		
OTHER	34.2	2.2	16.1	23.6	14.4	7.9	1.6	0.0	0.0	1.45		
NOT REPORTED	29.5	3.4	16.0	24.9	15.1	9.0	1.2	0.4	0.3	1.57		
STUDENT PROGRAM												
ACADEMIC	15.8	1.9	13.1	36.1	19.9	11.2	1.3	0.4	0.3	1.99		
VOCATIONAL	67.6	3.5	16.8	9.8	2.0	0.3	0.0	0.0	0.0	0.44		
BOTH	47.9	3.1	17.1	24.3	5.6	1.7	0.0	0.1	0.2	0.91		
NEITHER	46.0	5.5	17.7	21.5	6.4	2.2	0.4	0.2	0.0	0.91		

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN	
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
NON-OCC SPECIFIC VOC ED												
ALL GRADUATES:	19.2	13.1	21.8	23.4	11.7	6.0	2.7	1.0	1.1	1.50		
GENDER												
MALE	20.0	12.6	22.3	22.7	11.6	5.8	2.8	1.0	1.3	1.50		
FEMALE	18.6	13.5	21.2	24.0	11.7	6.3	2.6	1.1	0.9	1.51		
RACE/ETHNICITY												
WHITE	20.1	13.7	21.5	22.6	11.3	5.9	2.6	1.1	1.1	1.47		
BLACK	13.2	9.4	22.5	26.2	14.9	7.0	3.9	1.5	1.5	1.80		
HISPANIC	16.4	13.3	22.3	26.3	10.9	6.8	2.0	0.6	1.4	1.52		
ASIAN/PACIFIC	26.8	14.0	24.3	21.7	8.5	3.6	1.0	0.1	0.0	1.11		
OTHER	22.5	12.2	18.4	21.3	9.2	12.1	4.4	0.0	0.0	1.54		
NOT REPORTED	23.5	13.6	21.0	22.5	11.9	4.2	1.9	0.6	0.7	1.31		
STUDENT PROGRAM												
ACADEMIC	24.0	14.9	23.8	21.4	8.9	4.3	1.5	0.5	0.6	1.24		
VOCATIONAL	6.5	5.3	17.1	28.5	21.2	11.0	5.9	3.2	1.3	2.25		
BOTH	12.0	11.4	23.1	27.9	14.5	8.1	2.0	0.8	0.4	1.65		
NEITHER	6.9	9.2	13.0	27.5	18.7	10.9	7.4	2.5	3.9	2.36		

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD	0	CREDITS EARNED CATEGORIES										MEAN			
		.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00						
OCC SPECIFIC VOC ED															
ALL GRADUATES:	30.7	9.4	15.6	15.3	10.3	6.8	4.2	3.5	4.1	1.75					
GENDER															
MALE	29.3	9.4	16.0	15.0	10.9	6.7	4.4	3.4	5.0	1.83					
FEMALE	32.0	9.5	15.3	15.6	9.8	6.9	4.1	3.6	3.2	1.67					
RACE/ETHNICITY															
WHITE	30.9	9.2	15.4	14.9	9.9	6.8	4.5	3.6	4.8	1.80					
BLACK	28.0	9.2	16.6	15.6	12.3	8.4	4.1	3.6	2.2	1.72					
HISPANIC	27.7	11.4	15.1	18.1	10.8	6.9	3.8	3.2	3.0	1.67					
ASIAN/PACIFIC	42.0	12.0	15.6	17.0	7.7	3.2	1.2	1.2	0.2	1.00					
OTHER	23.7	9.6	18.5	13.6	19.7	6.8	2.5	3.4	2.2	1.75					
NOT REPORTED	34.7	8.9	16.9	14.6	9.5	5.2	4.1	4.0	2.1	1.53					
STUDENT PROGRAM															
ACADEMIC	40.5	11.9	19.3	17.5	7.2	2.7	0.7	0.2	0.0	0.90					
VOCATIONAL	0.0	0.0	0.0	0.0	7.9	18.3	18.9	21.4	33.5	5.78					
BOTH	0.0	0.0	0.0	0.0	23.0	26.2	19.5	16.9	14.4	4.69					
NEITHER	19.7	9.2	16.9	23.9	18.2	7.6	3.2	0.8	0.5	1.65					

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	0	CREDITS EARNED CATEGORIES										MEAN
		.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
OCC SPECIFIC VOC ED												
COMMUNITY TYPE												
BIG CITY	34.4	12.0	14.9	15.3	9.2	6.4	3.0	2.3	2.4	1.44		
URBAN FRINGE	31.7	12.1	16.0	17.4	10.2	5.8	2.8	1.9	2.0	1.44		
MEDIUM CITY	35.5	9.0	18.3	13.6	7.0	4.8	3.8	4.3	3.8	1.59		
SMALL PLACE	27.8	7.4	15.0	14.6	11.4	8.0	5.5	4.6	5.7	2.05		
PUBLIC/NONPUBLIC SCHOOL												
PUBLIC	28.6	9.5	15.1	15.6	10.9	7.4	4.6	3.9	4.4	1.85		
NONPUBLIC	50.7	8.9	21.2	12.3	4.7	1.1	0.6	0.3	0.2	0.72		
REGION												
NORTHEAST	36.0	7.7	16.2	13.3	9.6	6.1	3.6	3.2	4.3	1.65		
SOUTH CENTRAL	30.2	8.1	16.0	12.7	9.9	8.1	5.1	4.9	5.0	1.94		
NORTH CENTRAL	23.8	9.9	14.8	18.8	12.1	7.3	5.0	3.6	4.8	1.97		
WEST	35.3	13.0	15.6	17.2	9.1	4.9	2.4	1.4	1.1	1.22		

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic, and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES									
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
VISUAL AND PERFORMING ARTS	25.4	10.7	20.9	18.7	9.6	7.8	3.7	1.7	1.5	1.53
ALL GRADUATES:										
GENDER										
MALE	29.7	12.1	22.3	17.4	7.7	5.8	2.4	1.3	1.2	1.30
FEMALE	21.6	9.4	19.6	19.8	11.2	9.6	4.9	2.1	1.8	1.75
RACE/ETHNICITY										
WHITE	25.5	10.8	19.8	18.1	9.6	8.6	4.0	1.9	1.8	1.59
BLACK	27.1	10.7	22.8	20.5	8.8	5.2	3.1	1.0	0.8	1.34
HISPANIC	20.5	11.8	25.1	21.0	10.5	5.7	3.0	1.5	0.9	1.48
ASIAN/PACIFIC	28.0	8.1	25.3	19.6	9.9	4.9	2.6	1.1	0.3	1.31
OTHER	40.4	11.7	20.5	11.7	8.2	4.3	1.4	0.9	0.9	1.01
NOT REPORTED	22.6	10.0	24.2	19.2	9.0	9.0	3.4	1.7	1.1	1.57
STUDENT PROGRAM										
ACADEMIC	23.6	10.0	20.9	19.1	10.0	8.7	4.2	1.8	1.6	1.63
VOCATIONAL	40.0	11.0	22.9	15.5	5.2	3.3	1.5	0.5	0.2	0.93
BOTH	35.9	14.1	24.3	16.6	5.9	2.4	0.6	0.3	0.0	0.90
NEITHER	18.6	11.7	17.7	19.7	12.5	9.3	4.8	3.0	2.8	1.87

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN	
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00			
VISUAL AND PERFORMING ARTS												
COMMUNITY TYPE												
BIG CITY	20.3	12.5	23.5	21.4	10.0	6.2	3.2	1.4	1.6	1.52		
URBAN FRINGE	24.4	12.8	21.3	18.8	9.3	7.5	3.4	1.6	1.0	1.47		
MEDIUM CITY	26.3	9.4	18.9	18.2	10.4	7.6	5.4	1.9	1.9	1.66		
SMALL PLACE	27.3	9.4	20.5	17.9	9.4	8.4	3.6	1.9	1.6	1.54		
PUBLIC/NONPUBLIC SCHOOL												
PUBLIC	25.5	10.3	20.8	18.7	9.6	8.0	3.8	1.8	1.6	1.56		
NONPUBLIC	24.3	15.2	22.6	18.9	9.2	6.0	2.2	1.0	0.6	1.29		
REGION												
NORTHEAST	21.1	14.5	21.8	19.5	8.8	7.6	3.6	1.4	1.6	1.52		
SOUTH CENTRAL	30.4	8.9	22.9	16.3	8.5	7.3	3.3	1.4	1.0	1.39		
NORTH CENTRAL	25.9	11.3	16.9	18.3	10.2	9.3	4.3	2.0	1.7	1.63		
WEST	21.0	8.9	22.1	22.3	11.2	6.6	3.7	2.3	2.0	1.67		



Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00	MEAN
PHYSICAL ED, HEALTH, & SPORTS										
COMMUNITY TYPE										
BIG CITY	2.9	7.1	12.6	44.4	25.1	5.2	2.6	0.1	0.1	1.87
URBAN FRINGE	2.5	1.9	12.8	28.1	30.8	19.6	3.7	0.5	0.1	2.33
MEDIUM CITY	0.7	3.2	27.9	34.4	15.7	15.4	2.4	0.2	0.1	1.95
SMALL PLACE	3.5	5.9	17.4	39.9	23.2	7.7	2.2	0.2	0.1	1.88
PUBLIC/NONPUBLIC SCHOOL										
PUBLIC	1.4	4.6	15.6	37.4	25.8	11.9	2.9	0.3	0.1	2.07
NONPUBLIC	16.7	5.3	27.7	31.5	12.1	6.3	0.4	0.0	0.0	1.39
REGION										
NORTHEAST	5.2	5.8	9.1	26.5	34.8	17.6	0.9	0.1	0.2	2.11
SOUTH CENTRAL	2.7	6.7	14.8	44.0	19.0	8.4	4.0	0.2	0.1	1.99
NORTH CENTRAL	2.3	3.3	32.4	39.9	15.1	6.6	0.4	0.0	0.1	1.62
WEST	1.2	2.0	7.0	31.6	35.9	16.2	5.3	0.7	0.1	2.44

Table 12. Percentage of Graduates Earning Various Number of Credits (Carnegie Units) in Each Subject Field in 1990 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	CREDITS EARNED CATEGORIES										MEAN
	0	.01 THRU .50	.51 THRU 1.00	1.01 THRU 2.00	2.01 THRU 3.00	3.01 THRU 4.00	4.01 THRU 5.00	5.01 THRU 6.00	>6.00		
ALL COURSES OTHER THAN ABOVE	24.1	26.6	14.1	16.9	7.9	4.9	3.1	1.1	1.2	1.24	
GENDER											
MALE	26.0	28.4	13.6	15.4	6.9	4.4	3.0	1.1	1.3	1.17	
FEMALE	22.3	24.9	14.6	18.2	8.9	5.4	3.3	1.2	1.2	1.31	
RACE/ETHNICITY											
WHITE	24.3	27.3	14.6	16.3	7.7	4.7	3.1	1.1	0.9	1.20	
BLACK	28.4	24.5	12.8	15.6	6.9	5.5	3.3	0.6	2.4	1.30	
HISPANIC	20.0	21.2	13.5	21.9	11.4	6.0	2.6	1.3	2.1	1.44	
ASIAN/PACIFIC	14.5	28.4	13.6	23.6	10.2	5.9	2.7	0.9	0.3	1.33	
OTHER	17.4	30.4	10.0	14.6	7.1	8.2	7.6	3.1	1.5	1.61	
NOT REPORTED	23.5	28.9	12.4	15.3	8.1	3.3	3.6	2.9	2.0	1.31	
STUDENT PROGRAM											
ACADEMIC	23.2	26.4	14.0	17.5	8.5	5.3	3.4	1.1	0.7	1.23	
VOCATIONAL	29.7	29.3	17.3	13.3	5.0	2.1	1.6	0.8	1.0	0.93	
BOTH	34.2	30.5	13.6	13.8	4.2	2.5	0.7	0.4	0.1	0.75	
NEITHER	18.3	23.2	13.2	17.8	9.8	6.5	4.2	2.1	5.1	1.86	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
ENGLISH						
ALL GRADUATES:	4.09	0.04	4.03	0.02	3.80	0.03
GENDER						
MALE	4.06	0.04	4.01	0.02	3.76	0.03
FEMALE	4.12	0.04	4.05	0.02	3.84	0.03
RACE/ETHNICITY						
WHITE	4.03	0.04	3.99	0.02	3.78	0.03
BLACK	4.17	0.05	4.14	0.05	3.90	0.06
HISPANIC	4.43	0.13	4.23	0.05	3.79	0.04
ASIAN/PACIFIC	4.42	0.13	4.51	0.06	3.94	0.09
OTHER	4.25	0.13	4.20	0.03	3.84	0.10
NOT REPORTED	3.91	0.09	3.96	0.05	.	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
ENGLISH						
STUDENT PROGRAM						
ACADEMIC	4.27 0.04		4.24 0.02		4.17 0.03	
VOCATIONAL	3.54 0.05		3.61 0.03		3.48 0.03	
BOTH	4.13 0.03		4.22 0.04		4.41 0.10	
NEITHER	3.45 0.08		3.57 0.04		3.44 0.04	
COMMUNITY TYPE						
BIG CITY	4.35 0.13		4.16 0.06		. .	
URBAN FRINGE	4.10 0.06		4.01 0.04		. .	
MEDIUM CITY	4.10 0.05		3.98 0.03		. .	
SMALL PLACE	4.01 0.05		4.02 0.03		. .	
URBAN	. .		. .		3.80 0.02	
SUBURBAN	. .		. .		3.81 0.04	
RURAL	. .		. .		3.79 0.04	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	4.06 0.04		4.01 0.02		3.77 0.03	
NONPUBLIC	4.38 0.08		4.25 0.07		4.10 0.09	
REGION						
NORTHEAST	4.16 0.08		4.12 0.05		3.91 0.06	
SOUTH CENTRAL	4.19 0.02		4.10 0.03		3.92 0.03	
NORTH CENTRAL	3.86 0.09		3.87 0.04		3.63 0.04	
WEST	4.16 0.11		4.07 0.03		3.73 0.05	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.	1.99 0.03	1.90 0.02	1.99 0.03	1.68 0.02	1.68 0.02
HISTORY						
ALL GRADUATES:						
GENDER						
MALE	MEAN S.E.	2.00 0.04	1.92 0.03	1.92 0.03	1.68 0.02	1.68 0.02
FEMALE	MEAN S.E.	1.97 0.04	1.88 0.02	1.88 0.02	1.69 0.03	1.69 0.03
RACE/ETHNICITY						
WHITE	MEAN S.E.	1.96 0.04	1.88 0.03	1.88 0.03	1.70 0.02	1.70 0.02
BLACK	MEAN S.E.	1.99 0.07	1.88 0.06	1.88 0.06	1.64 0.04	1.64 0.04
HISPANIC	MEAN S.E.	2.01 0.06	1.78 0.04	1.78 0.04	1.58 0.02	1.58 0.02
ASIAN/PACIFIC	MEAN S.E.	2.19 0.16	1.97 0.07	1.97 0.07	1.67 0.08	1.67 0.08
OTHER	MEAN S.E.	2.06 0.09	1.99 0.04	1.99 0.04	1.76 0.07	1.76 0.07
NOT REPORTED	MEAN S.E.	2.26 0.15	2.18 0.14	2.18 0.14	.	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
HISTORY						
STUDENT PROGRAM						
ACADEMIC	2.11 0.04		2.04 0.03		1.90 0.02	
VOCATIONAL	1.52 0.06		1.65 0.04		1.50 0.03	
BOTH	2.01 0.05		1.97 0.04		2.03 0.10	
NEITHER	1.63 0.04		1.60 0.03		1.46 0.02	
COMMUNITY TYPE						
BIG CITY	2.13 0.09		2.07 0.09		.	
URBAN FRINGE	2.09 0.08		1.95 0.05		.	
MEDIUM CITY	1.82 0.07		1.88 0.09		.	
SMALL PLACE	1.93 0.07		1.82 0.06		.	
URBAN	.		.		1.66 0.05	
SUBURBAN	.		.		1.71 0.02	
RURAL	.		.		1.64 0.04	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD		1990 GRADUATES		1987 GRADUATES		1982 GRADUATES		
		MEAN	S.E.	MEAN	S.E.	MEAN	S.E.	
HISTORY	PUBLIC/NONPUBLIC SCHOOL							
	PUBLIC	1.95	0.04	1.87	0.02	1.65	0.02	
	NONPUBLIC	2.31	0.08	2.19	0.10	1.92	0.07	
	REGION							
	NORTHEAST	2.50	0.09	2.37	0.06	1.90	0.05	
	SOUTH CENTRAL	1.85	0.05	1.83	0.03	1.64	0.03	
	NORTH CENTRAL	1.72	0.06	1.62	0.04	1.56	0.02	
	WEST	2.02	0.07	1.89	0.05	1.56	0.05	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
SOCIAL STUDIES OTHER THAN HIST						
ALL GRADUATES:	1.48	0.03	1.43	0.05	1.42	0.02
GENDER						
MALE	1.43	0.03	1.39	0.05	1.41	0.02
FEMALE	1.51	0.03	1.47	0.05	1.43	0.03
RACE/ETHNICITY						
WHITE	1.49	0.03	1.42	0.05	1.45	0.02
BLACK	1.44	0.06	1.43	0.05	1.33	0.05
HISPANIC	1.44	0.07	1.45	0.10	1.36	0.03
ASIAN/PACIFIC	1.51	0.09	1.67	0.19	1.37	0.07
OTHER	1.34	0.07	1.26	0.06	1.31	0.08
NOT REPORTED	1.45	0.07	1.41	0.23	.	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
SOCIAL STUDIES OTHER THAN HIST STUDENT PROGRAM						
ACADEMIC	1.56 0.03		1.58 0.05		1.62 0.03	
VOCATIONAL	1.16 0.06		1.08 0.06		1.19 0.03	
BOTH	1.39 0.05		1.50 0.05		1.71 0.08	
NEITHER	1.26 0.04		1.16 0.04		1.25 0.03	
COMMUNITY TYPE						
BIG CITY	1.50 0.08		1.44 0.11		. . .	
URBAN FRINGE	1.44 0.07		1.42 0.07		. . .	
MEDIUM CITY	1.67 0.09		1.38 0.10		. . .	
SMALL PLACE	1.44 0.05		1.45 0.09		. . .	
URBAN	. . .		. . .		1.32 0.05	
SUBURBAN	. . .		. . .		1.45 0.03	
RURAL	. . .		. . .		1.44 0.04	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S. E.		MEAN S. E.		MEAN S. E.	
SOCIAL STUDIES OTHER THAN HIST PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	1.48 0.03		1.44 0.05		1.40 0.02	
NONPUBLIC	1.39 0.09		1.34 0.12		1.60 0.09	
REGION						
NORTHEAST	1.11 0.06		1.19 0.12		1.25 0.05	
SOUTH CENTRAL	1.56 0.05		1.47 0.06		1.35 0.04	
NORTH CENTRAL	1.61 0.06		1.54 0.08		1.53 0.04	
WEST	1.54 0.07		1.47 0.09		1.60 0.05	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
MATHEMATICS						
ALL GRADUATES:	3.11	0.03	2.97	0.03	2.54	0.02
GENDER						
MALE	3.13	0.03	3.03	0.03	2.61	0.04
FEMALE	3.08	0.03	2.92	0.03	2.46	0.03
RACE/ETHNICITY						
WHITE	3.10	0.04	2.98	0.04	2.59	0.02
BLACK	3.09	0.07	2.90	0.06	2.44	0.05
HISPANIC	3.07	0.06	2.77	0.05	2.22	0.04
ASIAN/PACIFIC	3.50	0.06	3.72	0.09	3.11	0.09
OTHER	3.03	0.11	2.96	0.10	2.21	0.10
NOT REPORTED	3.01	0.05	2.95	0.07	.	.



Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	STUDENT PROGRAM	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		MEAN S. E.	MEAN S. E.	MEAN S. E.	MEAN S. E.	MEAN S. E.	MEAN S. E.
MATHEMATICS	ACADEMIC	3.43	0.02	3.46	0.02	3.34	0.02
		2.04	0.04	1.99	0.03	1.74	0.02
	BOTH	3.04	0.03	3.00	0.03	2.99	0.14
		2.08	0.06	2.07	0.03	1.91	0.03
	COMMUNITY TYPE	3.21	0.05	3.01	0.06	.	.
		3.19	0.04	3.09	0.05	.	.
	BIG CITY	3.14	0.05	2.99	0.06	.	.
		3.02	0.05	2.87	0.05	.	.
	URBAN FRINGE	.	.	.	.	2.55	0.06
		.	.	.	.	2.64	0.03
	MEDIUM CITY	.	.	.	.	.	.
		.	.	.	.	2.36	0.04
SMALL PLACE	.	.	.	.	.	.
	
URBAN	.	.	.	.	.	.
	
SUBURBAN	.	.	.	.	.	.
	
RURAL	.	.	.	.	.	.
	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Private), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
COMPUTER SCIENCE/PROG/DATA PROC			0.46	0.02	0.43	0.02
ALL GRADUATES:						
GENDER						
MALE	0.48	0.02	0.47	0.02	0.43	0.02
FEMALE	0.46	0.02	0.40	0.02	0.40	0.02
RACE/ETHNICITY						
WHITE	0.45	0.02	0.45	0.02	0.45	0.02
BLACK	0.52	0.05	0.35	0.02	0.35	0.02
HISPANIC	0.48	0.04	0.36	0.02	0.36	0.02
ASIAN/PACIFIC	0.49	0.03	0.57	0.04	0.57	0.04
OTHER	0.58	0.09	0.35	0.04	0.35	0.04
NOT REPORTED	0.39	0.05	0.41	0.04	0.41	0.04

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
COMPUTER SCIENCE/PROG/DATA PROC						
STUDENT PROGRAM						
ACADEMIC	0.50	0.02	0.50	0.02	0.50	0.01
VOCATIONAL	0.31	0.03	0.24	0.02	0.06	0.01
BOTH	0.38	0.02	0.34	0.03	0.12	0.05
NEITHER	0.43	0.03	0.40	0.03	0.09	0.01
COMMUNITY TYPE						
BIG CITY	0.50	0.05	0.36	0.02	.	.
URBAN FRINGE	0.44	0.04	0.45	0.03	.	.
MEDIUM CITY	0.41	0.05	0.43	0.03	.	.
SMALL PLACE	0.48	0.03	0.44	0.04	.	.
URBAN	.	.	.	.	0.12	0.02
SUBURBAN	.	.	.	.	0.13	0.01
RURAL	.	.	.	.	0.08	0.01

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
COMPUTER SCIENCE/PROG/DATA PROC						
PUBLIC	0.47	0.02	0.43	0.02	0.11	0.01
NONPUBLIC	0.41	0.03	0.44	0.06	0.08	0.02
REGION						
NORTHEAST	0.53	0.04	0.49	0.04	0.15	0.01
SOUTH CENTRAL	0.53	0.03	0.40	0.03	0.07	0.01
NORTH CENTRAL	0.41	0.05	0.46	0.03	0.14	0.02
WEST	0.37	0.02	0.37	0.02	0.09	0.01

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
SCIENCE						
ALL GRADUATES:	2.82	0.03	2.59	0.05	2.19	0.02
GENDER						
MALE	2.87	0.03	2.66	0.05	2.25	0.03
FEMALE	2.78	0.02	2.53	0.05	2.13	0.02
RACE/ETHNICITY						
WHITE	2.87	0.03	2.64	0.06	2.27	0.02
BLACK	2.73	0.07	2.39	0.07	1.99	0.06
HISPANIC	2.55	0.04	2.33	0.06	1.79	0.03
ASIAN/PACIFIC	3.04	0.11	3.17	0.11	2.56	0.08
OTHER	2.72	0.14	2.51	0.07	2.02	0.10
NOT REPORTED	2.62	0.05	2.51	0.06	.	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
SCIENCE						
ACADEMIC	3.16	0.03	3.10	0.04	3.01	0.02
VOCATIONAL	1.80	0.05	1.65	0.05	1.43	0.03
BOTH	2.59	0.05	2.46	0.06	2.58	0.08
NEITHER	1.86	0.03	1.68	0.05	1.53	0.03
COMMUNITY TYPE						
BIG CITY	2.79	0.08	2.57	0.08	.	.
URBAN FRINGE	2.84	0.04	2.58	0.07	.	.
MEDIUM CITY	2.73	0.07	2.52	0.09	.	.
SMALL PLACE	2.85	0.05	2.63	0.07	.	.
URBAN	.	.	.	.	2.12	0.05
SUBURBAN	.	.	.	.	2.22	0.04
RURAL	.	.	.	.	2.17	0.03

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.
PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	2.80 0.03	2.80 0.03	2.57 0.05	2.57 0.05	2.14 0.02	2.14 0.02
NONPUBLIC	3.08 0.06	3.08 0.06	2.81 0.07	2.81 0.07	2.57 0.08	2.57 0.08
REGION						
NORTHEAST	3.15 0.04	3.15 0.04	2.95 0.13	2.95 0.13	2.55 0.06	2.55 0.06
SOUTH CENTRAL	2.94 0.05	2.94 0.05	2.61 0.04	2.61 0.04	2.19 0.02	2.19 0.02
NORTH CENTRAL	2.58 0.06	2.58 0.06	2.37 0.11	2.37 0.11	2.05 0.04	2.05 0.04
WEST	2.60 0.04	2.60 0.04	2.47 0.07	2.47 0.07	1.91 0.05	1.91 0.05

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S. E.	MEAN	S. E.	MEAN	S. E.
FOREIGN LANGUAGES			1.62	0.04	1.46	0.05
ALL GRADUATES:						
1.05						
GENDER						
MALE	1.43	0.04	1.29	0.05	1.05	0.03
FEMALE	1.80	0.04	1.63	0.06	0.86	0.04
RACE/ETHNICITY						
WHITE	1.68	0.05	1.50	0.06	1.23	0.03
BLACK	1.26	0.07	1.12	0.07	0.73	0.06
HISPANIC	1.55	0.06	1.27	0.06	0.78	0.03
ASIAN/PACIFIC	2.15	0.13	2.17	0.12	1.81	0.10
OTHER	1.45	0.15	0.92	0.17	0.82	0.13
NOT REPORTED	1.57	0.10	1.67	0.13		

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
FOREIGN LANGUAGES						
ACADEMIC	1.99 0.04		1.95 0.06		1.71 0.04	
VOCATIONAL	0.44 0.04		0.49 0.03		0.55 0.03	
BOTH	0.91 0.05		0.83 0.06		0.55 0.04	
NEITHER	0.91 0.04		0.89 0.05		0.70 0.02	
COMMUNITY TYPE						
BIG CITY	1.80 0.08		1.72 0.12		.	.
URBAN FRINGE	1.88 0.08		1.66 0.06		.	.
MEDIUM CITY	1.73 0.09		1.58 0.14		.	.
SMALL PLACE	1.41 0.07		1.21 0.08		.	.
URBAN	.		.		1.10 0.07	
SUBURBAN	.		.		1.20 0.04	
RURAL	.		.		0.77 0.04	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.
PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	1.55 0.04	1.37 0.05	1.64 0.08	1.11 0.06	0.94 0.02	0.94 0.02
NONPUBLIC	2.30 0.08	2.37 0.16	1.95 0.13	1.95 0.13	1.95 0.13	1.95 0.13
REGION						
NORTHEAST	2.11 0.06	2.15 0.13	1.64 0.08	1.64 0.08	1.64 0.08	1.64 0.08
SOUTH CENTRAL	1.39 0.06	1.19 0.07	0.77 0.05	0.77 0.05	0.77 0.05	0.77 0.05
NORTH CENTRAL	1.46 0.10	1.24 0.08	0.86 0.03	0.86 0.03	0.86 0.03	0.86 0.03
WEST	1.72 0.08	1.46 0.08	1.11 0.06	1.11 0.06	1.11 0.06	1.11 0.06

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
NON-OCC SPECIFIC VOC ED						
ALL GRADUATES:	1.50	0.04	1.64	0.05	1.84	0.03
GENDEP						
MALE	1.50	0.04	1.61	0.05	1.75	0.05
FEMALE	1.51	0.04	1.67	0.06	1.93	0.03
RACE/ETHNICITY						
WHITE	1.47	0.04	1.66	0.07	1.78	0.04
BLACK	1.80	0.10	1.83	0.05	1.96	0.05
HISPANIC	1.52	0.08	1.64	0.04	2.17	0.05
ASIAN/PACIFIC	1.11	0.13	1.01	0.11	1.37	0.10
OTHER	1.54	0.14	1.90	0.07	1.96	0.12
NOT REPORTED	1.31	0.17	1.36	0.09	.	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.
NON-OCC SPECIFIC VOC ED						
STUDENT PROGRAM						
ACADEMIC	1.24 0.03	1.29 0.06	1.28 0.03			
VOCATIONAL	2.25 0.06	2.22 0.07	2.13 0.05			
BOTH	1.65 0.05	1.67 0.06	1.95 0.10			
NEITHER	2.36 0.15	2.35 0.10	2.34 0.05			
COMMUNITY TYPE						
BIG CITY	1.18 0.07	1.32 0.07	.	.	.	.
URBAN FRINGE	1.25 0.05	1.44 0.06	.	.	.	.
MEDIUM CITY	1.41 0.10	1.49 0.10	.	.	.	.
SMALL PLACE	1.76 0.06	1.94 0.10	.	.	.	.
URBAN	.	.	1.61 0.08	.	.	.
SUBURBAN	.	.	1.72 0.05	.	.	.
RURAL	.	.	2.18 0.06	.	.	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
NON-OCC SPECIFIC VOC ED						
PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	1.58 0.04		1.74 0.05		1.94 0.03	
NONPUBLIC	0.72 0.07		0.73 0.14		1.03 0.09	
REGION						
NORTHEAST	1.23 0.09		1.24 0.08		1.51 0.06	
SOUTH CENTRAL	1.65 0.07		1.75 0.09		1.91 0.06	
NORTH CENTRAL	1.69 0.07		1.84 0.13		2.01 0.06	
WEST	1.31 0.06		1.61 0.07		1.87 0.07	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
OCC SPECIFIC VOC ED						
ALL GRADUATES:	1.75	0.05	2.02	0.05	2.14	0.04
GENDER						
MALE	1.83	0.05	2.07	0.06	2.16	0.05
FEMALE	1.67	0.06	1.97	0.06	2.12	0.06
RACE/ETHNICITY						
WHITE	1.80	0.05	2.04	0.06	2.11	0.04
BLACK	1.72	0.09	2.18	0.10	2.20	0.12
HISPANIC	1.67	0.12	1.93	0.10	2.37	0.09
ASIAN/PACIFIC	1.00	0.10	1.08	0.15	1.19	0.15
OTHER	1.75	0.12	2.21	0.11	2.37	0.19
NOT REPORTED	1.53	0.18	1.95	0.20	.	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.
ACADEMIC	0.90 0.03	0.95 0.03	0.90 0.03	0.95 0.03	0.88 0.02	0.88 0.02
VOCATIONAL	5.78 0.11	5.78 0.11	5.78 0.11	5.52 0.10	5.40 0.07	5.40 0.07
BOTH	4.69 0.07	4.69 0.07	4.69 0.07	4.73 0.07	4.71 0.10	4.71 0.10
NEITHER	1.65 0.06	1.65 0.06	1.65 0.06	1.74 0.04	1.62 0.04	1.62 0.04
COMMUNITY TYPE						
BIG CITY	1.44 0.12	1.44 0.12	1.44 0.12	1.85 0.08	. . .	. . .
URBAN FRINGE	1.44 0.08	1.44 0.08	1.44 0.08	1.69 0.08	. . .	. . .
MEDIUM CITY	1.59 0.12	1.59 0.12	1.59 0.12	1.79 0.13	. . .	. . .
SMALL PLACE	2.05 0.07	2.05 0.07	2.05 0.07	2.38 0.06	. . .	. . .
URBAN	. . .	. . .	. . .	. . .	1.94 0.10	1.94 0.10
SUBURBAN	. . .	. . .	. . .	. . .	2.01 0.05	2.01 0.05
RURAL	. . .	. . .	. . .	. . .	2.48 0.08	2.48 0.08

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
OCC SPECIFIC VOC ED						
PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	1.85 0.05		2.15 0.04		2.27 0.04	
NONPUBLIC	0.72 0.09		0.79 0.11		1.06 0.12	
REGION						
NORTHEAST	1.65 0.07		1.78 0.15		1.90 0.09	
SOUTH CENTRAL	1.94 0.09		2.16 0.10		2.18 0.07	
NORTH CENTRAL	1.97 0.10		2.30 0.08		2.46 0.07	
WEST	1.22 0.11		1.63 0.06		1.83 0.09	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
VISUAL AND PERFORMING ARTS:						
ALL GRADUATES:	1.53 0.04		1.43 0.04		1.39 0.03	
GENDER						
MALE	1.30 0.04		1.24 0.04		1.23 0.04	
FEMALE	1.75 0.04		1.60 0.05		1.55 0.04	
RACE/ETHNICITY						
WHITE	1.59 0.05		1.48 0.06		1.45 0.03	
BLACK	1.34 0.05		1.20 0.06		1.18 0.05	
HISPANIC	1.48 0.07		1.35 0.06		1.27 0.05	
ASIAN/PACIFIC	1.31 0.07		1.12 0.08		1.22 0.14	
OTHER	1.01 0.13		1.51 0.11		1.41 0.17	
NOT REPORTED	1.57 0.22		1.47 0.12		.	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.
VISUAL AND PERFORMING ARTS						
STUDENT PROGRAM						
ACADEMIC	1.63 0.04	1.50 0.05	1.39 0.04			
VOCATIONAL	0.93 0.08	0.94 0.07	0.96 0.05			
BOTH	0.90 0.05	0.79 0.05	0.89 0.07			
NEITHER	1.87 0.07	1.83 0.06	1.70 0.04			
COMMUNITY TYPE						
BIG CITY	1.52 0.08	1.45 0.07				
URBAN FRINGE	1.47 0.07	1.31 0.05				
MEDIUM CITY	1.66 0.12	1.50 0.11				
SMALL PLACE	1.54 0.06	1.47 0.09				
URBAN			1.33 0.06			
SUBURBAN					1.40 0.04	
RURAL						1.43 0.06

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S. E.		MEAN S. E.		MEAN S. E.	
VISUAL AND PERFORMING ARTS						
PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	1.56 0.04		1.44 0.04		1.42 0.03	
NONPUBLIC	1.29 0.07		1.26 0.13		1.20 0.10	
REGION						
NORTHEAST	1.52 0.12		1.28 0.09		1.20 0.07	
SOUTH CENTRAL	1.39 0.05		1.25 0.07		1.24 0.05	
NORTH CENTRAL	1.63 0.08		1.64 0.09		1.59 0.05	
WEST	1.67 0.06		1.57 0.09		1.62 0.04	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S. E.		MEAN S. E.		MEAN S. E.	
PHYSICAL ED, HEALTH, & SPORTS						
ALL GRADUATES:			2.01	1.97	1.93	
			0.06	0.07	0.02	
GENDER						
MALE			2.18	2.13	2.06	
			0.06	0.07	0.03	
FEMALE			1.85	1.81	1.81	
			0.06	0.07	0.03	
RACE/ETHNICITY						
WHITE			1.97	1.94	1.89	
			0.06	0.08	0.03	
BLACK			2.06	2.01	1.98	
			0.09	0.11	0.07	
HISPANIC			2.27	2.40	2.13	
			0.08	0.09	0.05	
ASIAN/PACIFIC			2.15	2.57	2.21	
			0.10	0.16	0.09	
OTHER			2.04	2.12	2.06	
			0.10	0.07	0.12	
NOT REPORTED			1.90	1.61	.	
			0.20	0.10	.	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987
by Student Program, School Type (Public/Nonpublic), and Demographic Categories
(Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S. E.		MEAN S. E.		MEAN S. E.	
PHYSICAL ED, HEALTH, & SPORTS						
ACADEMIC	2.02 0.06		1.94 0.07		1.92 0.04	
VOCATIONAL	1.88 0.09		1.91 0.10		1.80 0.04	
BOTH	1.95 0.05		1.88 0.08		2.01 0.11	
NEITHER	2.07 0.09		2.12 0.07		2.00 0.03	
COMMUNITY TYPE						
BIG CITY	1.87 0.10		1.64 0.10		. .	
URBAN FRINGE	2.33 0.10		2.16 0.08		. .	
MEDIUM CITY	1.95 0.27		1.98 0.19		. .	
SMALL PLACE	1.88 0.06		1.94 0.11		. .	
URBAN	. .		. .		1.77 0.06	
SUBURBAN	. .		. .		2.02 0.04	
RURAL	. .		. .		1.89 0.06	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
PHYSICAL ED, HEALTH, & SPORTS						
PUBLIC	2.07 0.06		2.06 0.07		1.98 0.03	
NONPUBLIC	1.39 0.13		1.08 0.11		1.50 0.08	
REGION						
NORTHEAST	2.11 0.16		1.56 0.16		1.66 0.07	
SOUTH CENTRAL	1.99 0.07		1.91 0.10		2.04 0.05	
NORTH CENTRAL	1.62 0.14		1.95 0.18		1.66 0.05	
WEST	2.44 0.09		2.60 0.04		2.61 0.07	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
ALL COURSES OTHER THAN ABOVE	1.24	0.05	1.14	0.04	1.14	0.03
GENDER						
MALE	1.17	0.05	1.06	0.06	1.07	0.03
FEMALE	1.31	0.05	1.21	0.05	1.20	0.05
RACE/ETHNICITY						
WHITE	1.20	0.06	1.11	0.05	1.12	0.04
BLACK	1.30	0.09	1.11	0.08	1.07	0.06
HISPANIC	1.44	0.09	1.37	0.09	1.25	0.06
ASIAN/PACIFIC	1.33	0.10	1.14	0.08	1.34	0.13
OTHER	1.61	0.26	1.25	0.11	1.17	0.07
NOT REPORTED	1.31	0.23	1.28	0.20	.	.

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
ALL COURSES OTHER THAN ABOVE						
STUDENT PROGRAM						
ACADEMIC	1.23 0.06		1.21 0.06		1.18 0.05	
VOCATIONAL	0.93 0.06		0.83 0.05		0.79 0.03	
BOTH	0.75 0.05		0.79 0.06		0.77 0.06	
NEITHER	1.86 0.15		1.29 0.07		1.31 0.04	
COMMUNITY TYPE						
BIG CITY	1.76 0.13		1.39 0.15		.	.
URBAN FRINGE	1.32 0.09		1.22 0.11		.	.
MEDIUM CITY	1.43 0.19		1.30 0.09		.	.
SMALL PLACE	1.00 0.07		0.94 0.06		.	.
URBAN	.		.		1.20 0.08	
SUBURBAN	.		.		1.23 0.05	
RURAL	.		.		0.94 0.04	

Table 13. Mean Number of Credits (Carnegie Units) Graduates Earned in Each Subject Field in 1990 and 1987 by Student Program, School Type (Public/Nonpublic), and Demographic Categories (Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.
ALL COURSES OTHER THAN ABOVE						
PUBLIC/NONPUBLIC SCHOOL						
PUBLIC	1.04	0.04	0.95	0.03	0.97	0.02
NONPUBLIC	3.15	0.23	2.95	0.23	2.50	0.25
REGION						
NORTHEAST	1.09	0.11	1.15	0.12	0.85	0.06
SOUTH CENTRAL	1.04	0.08	1.00	0.06	1.05	0.05
NORTH CENTRAL	1.26	0.10	1.04	0.10	1.11	0.07
WEST	1.71	0.12	1.51	0.05	1.75	0.06

A-109

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 or between 1982 and 1987 on Community Type are meaningful.

Table 14. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields in 1990, 1987, and 1982

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.		MEAN S.E.		MEAN S.E.	
ENGLISH	4.09 0.04		4.03 0.02		3.80 0.03	
HISTORY	1.99 0.03		1.90 0.02		1.68 0.02	
SOCIAL STUDIES OTHER THAN HIST	1.48 0.03		1.43 0.05		1.42 0.02	
MATHEMATICS	3.11 0.03		2.97 0.03		2.54 0.02	
COMPUTER SCIENCE/PROG/DATA PROC	0.46 0.02		0.43 0.02		0.11 0.01	
SCIENCE	2.82 0.03		2.59 0.05		2.19 0.02	
FOREIGN LANGUAGES	1.62 0.04		1.46 0.05		1.05 0.03	
NON-OCC SPECIFIC VOC ED	1.50 0.04		1.64 0.05		1.84 0.03	
GENERAL INTRODUCTORY	0.35 0.02		0.34 0.02		0.37 0.01	
AGRICULTURE	0.14 0.02		0.17 0.03		0.17 0.01	
BUSINESS	0.59 0.02		0.68 0.03		0.78 0.02	
MARKETING AND DISTRIBUTION	0.08 0.01		0.10 0.01		0.08 0.01	
HEALTH AND HUMAN SERVICES	0.02 0.00		0.05 0.01		0.04 0.00	
OCCUPATIONAL HOME ECONOMICS	0.09 0.01		0.10 0.01		0.09 0.01	
TRADE AND INDUSTRY	0.44 0.02		0.56 0.03		0.60 0.02	
TECHNICAL	0.02 0.00		0.01 0.00		0.01 0.00	
VISUAL AND PERFORMING ARTS	1.53 0.04		1.43 0.04		1.39 0.03	

Table 14. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields in 1990, 1987, and 1982
(Continued)

SUBJECT FIELD	1990 GRADUATES	1987 GRADUATES	1982 GRADUATES	
PHYSICAL ED, HEALTH, & SPORTS	MEAN S.E.	2.01 0.06	1.97 0.07	1.93 0.02
OTHER PERSONAL AND SOCIAL DEV	MEAN S.E.	0.81 0.04	0.77 0.03	0.78 0.02
RELIGION/THEOLOGY	MEAN S.E.	0.24 0.04	0.25 0.04	0.22 0.03
ALL COURSES OTHER THAN ABOVE	MEAN S.E.	0.19 0.02	0.12 0.01	0.14 0.01

Table 15. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Gender in 1990, 1987, and 1982

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	MEAN S.E.	FEMALE MALE	MEAN S.E.	FEMALE MALE	MEAN S.E.	FEMALE MALE
ENGLISH	4.12 0.04	4.06 0.04	4.05 0.02	4.01 0.02	3.84 0.03	3.76 0.03
HISTORY	1.97 0.04	2.00 0.04	1.88 0.02	1.92 0.03	1.69 0.03	1.68 0.02
SOCIAL STUDIES OTHER THAN HIST	1.51 0.03	1.43 0.03	1.47 0.05	1.39 0.05	1.43 0.03	1.41 0.02
MATHEMATICS	3.08 0.03	3.13 0.03	2.92 0.03	3.03 0.03	2.46 0.03	2.61 0.04
COMPUTER SCIENCE/PROG/DATA PROC	0.46 0.02	0.48 0.02	0.40 0.02	0.47 0.02	0.10 0.01	0.13 0.01
SCIENCE	2.78 0.02	2.87 0.03	2.53 0.05	2.66 0.05	2.13 0.02	2.25 0.03
FOREIGN LANGUAGES	1.80 0.04	1.43 0.04	1.63 0.06	1.29 0.05	1.23 0.03	0.86 0.04
NON-OCC SPECIFIC VOC ED	1.51 0.04	1.50 0.04	1.67 0.06	1.61 0.05	1.93 0.03	1.75 0.05
GENERAL INTRODUCTORY	0.35 0.03	0.35 0.02	0.37 0.02	0.31 0.02	0.38 0.01	0.36 0.02
AGRICULTURE	0.07 0.01	0.22 0.03	0.06 0.01	0.28 0.05	0.06 0.01	0.29 0.02
BUSINESS	0.83 0.04	0.32 0.02	1.01 0.04	0.34 0.02	1.23 0.03	0.29 0.01
MARKETING AND DISTRIBUTION	0.09 0.01	0.06 0.01	0.12 0.02	0.07 0.01	0.09 0.01	0.07 0.01
HEALTH AND HUMAN SERVICES	0.03 0.01	0.01 0.00	0.07 0.01	0.03 0.00	0.06 0.01	0.02 0.00
OCCUPATIONAL HOME ECONOMICS	0.14 0.01	0.04 0.01	0.15 0.01	0.05 0.01	0.14 0.01	0.04 0.01
TRADE AND INDUSTRY	0.14 0.02	0.78 0.03	0.18 0.02	0.96 0.06	0.15 0.02	1.07 0.04
TECHNICAL	0.01 0.00	0.02 0.00	0.01 0.00	0.02 0.00	0.01 0.00	0.02 0.00

Table 15. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Gender in 1990, 1987, and 1982
(Continued)

SUBJECT FIELD	MEAN S.E.	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
VISUAL AND PERFORMING ARTS	1.75 0.04	1.30 0.04	1.60 0.05	1.24 0.04	1.55 0.04	1.23 0.04	
PHYSICAL ED, HEALTH, & SPORTS	1.85 0.06	2.18 0.06	1.81 0.07	2.13 0.07	1.81 0.03	2.06 0.03	
OTHER PERSONAL AND SOCIAL DEV	0.90 0.05	0.71 0.04	0.89 0.04	0.65 0.02	0.85 0.02	0.71 0.02	
RELIGION/THEOLOGY	0.26 0.04	0.23 0.04	0.23 0.05	0.27 0.06	0.25 0.04	0.18 0.03	
ALL COURSES OTHER THAN ABOVE	0.15 0.01	0.24 0.02	0.09 0.01	0.15 0.01	0.10 0.01	0.17 0.01	

Table 16. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Race/Ethnicity in 1990, 1987, and 1982

SUBJECT FIELD	1990 GRADUATES					1987 GRADUATES					1982 GRADUATES				
	WHITE	BLACK	HISPA	ASIAN	OTHER	WHITE	BLACK	HISPA	ASIAN	OTHER	WHITE	BLACK	HISPA	ASIAN	OTHER
ENGLISH	MEAN	4.03	4.17	4.43	4.42	4.25	3.91	4.31	4.23	4.14	3.99	4.14	4.23	4.31	4.20
	S. E.	0.04	0.05	0.13	0.13	0.13	0.09	0.06	0.05	0.05	0.02	0.05	0.05	0.06	0.03
HISTORY	MEAN	1.96	1.99	2.01	2.19	2.06	2.26	1.97	1.78	1.88	1.88	1.88	1.97	1.99	2.18
	S. E.	0.04	0.07	0.06	0.16	0.09	0.15	0.07	0.04	0.06	0.03	0.06	0.04	0.04	0.14
SOCIAL STUDIES OTHER THAN HIST	MEAN	1.49	1.44	1.44	1.51	1.34	1.45	1.67	1.45	1.43	1.42	1.43	1.45	1.67	1.41
	S. E.	0.03	0.06	0.07	0.09	0.07	0.07	0.19	0.10	0.05	0.05	0.05	0.10	0.19	0.23
MATHEMATICS	MEAN	3.10	3.09	3.07	3.50	3.03	3.01	3.72	2.77	2.90	2.98	2.90	2.77	2.96	2.95
	S. E.	0.04	0.07	0.06	0.06	0.11	0.05	0.09	0.05	0.06	0.04	0.06	0.05	0.10	0.07
COMPUTER SCIENCE/PROG/DATA PROC	MEAN	0.45	0.52	0.48	0.49	0.58	0.39	0.57	0.36	0.35	0.45	0.35	0.36	0.57	0.41
	S. E.	0.02	0.05	0.04	0.03	0.09	0.05	0.04	0.02	0.02	0.02	0.02	0.02	0.04	0.04
SCIENCE	MEAN	2.87	2.73	2.55	3.04	2.72	2.62	3.17	2.33	2.39	2.64	2.39	2.33	3.17	2.51
	S. E.	0.03	0.07	0.04	0.11	0.14	0.05	0.11	0.06	0.07	0.06	0.07	0.06	0.11	0.06
FOREIGN LANGUAGES	MEAN	1.68	1.26	1.55	2.15	1.45	1.57	2.17	1.27	1.12	1.50	1.12	1.27	2.17	1.67
	S. E.	0.05	0.07	0.06	0.13	0.15	0.10	0.12	0.06	0.07	0.06	0.07	0.06	0.12	0.13
NON-OCC SPECIFIC VOC ED	MEAN	1.47	1.80	1.52	1.11	1.54	1.31	1.01	1.64	1.83	1.66	1.83	1.64	1.01	1.36
	S. E.	0.04	0.10	0.08	0.13	0.14	0.17	0.11	0.04	0.05	0.07	0.05	0.04	0.11	0.09
GENERAL INTRODUCTORY	MEAN	0.37	0.30	0.29	0.16	0.43	0.33	0.20	0.30	0.44	0.33	0.44	0.30	0.20	0.37
	S. E.	0.03	0.03	0.04	0.02	0.05	0.04	0.06	0.04	0.05	0.02	0.05	0.04	0.06	0.10
AGRICULTURE	MEAN	0.17	0.05	0.10	0.04	0.19	0.14	0.01	0.06	0.09	0.20	0.09	0.06	0.01	0.10
	S. E.	0.02	0.01	0.02	0.02	0.08	0.04	0.01	0.02	0.02	0.04	0.02	0.02	0.01	0.03
BUSINESS	MEAN	0.57	0.71	0.65	0.44	0.58	0.46	0.44	0.70	0.74	0.69	0.74	0.70	0.44	0.67
	S. E.	0.02	0.06	0.08	0.04	0.08	0.06	0.06	0.03	0.05	0.04	0.05	0.03	0.06	0.07
MARKETING AND DISTRIBUTION	MEAN	0.08	0.09	0.10	0.02	0.07	0.06	0.08	0.11	0.11	0.10	0.11	0.11	0.08	0.10
	S. E.	0.01	0.02	0.02	0.01	0.02	0.02	0.05	0.02	0.01	0.01	0.01	0.02	0.05	0.03
HEALTH AND HUMAN SERVICES	MEAN	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.05	0.09	0.04	0.09	0.05	0.03	0.04
	S. E.	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01
OCCUPATIONAL HOME ECONOMICS	MEAN	0.09	0.15	0.11	0.02	0.08	0.08	0.05	0.09	0.19	0.09	0.19	0.09	0.05	0.04
	S. E.	0.01	0.03	0.01	0.01	0.04	0.03	0.02	0.01	0.03	0.01	0.03	0.01	0.01	0.01
TRADE AND INDUSTRY	MEAN	0.48	0.35	0.39	0.30	0.37	0.43	0.25	0.62	0.50	0.57	0.50	0.62	0.25	0.56
	S. E.	0.03	0.04	0.04	0.07	0.08	0.08	0.04	0.06	0.05	0.04	0.05	0.06	0.04	0.07
TECHNICAL	MEAN	0.02	0.02	0.01	0.00	0.00	0.01	0.01	0.00	0.02	0.01	0.02	0.00	0.01	0.02
	S. E.	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01

A 114



Table 16. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Race/Ethnicity in 1990, 1987, and 1982
(Continued)

SUBJECT FIELD	1990 GRADUATES					1987 GRADUATES					1982 GRADUATES						
	WHITE	BLACK	HISPA	ASIAN	OTHER	NR.	WHITE	BLACK	HISPA	ASIAN	OTHER	NR.	WHITE	BLACK	HISPA	ASIAN	OTHER
VISUAL AND PERFORMING ARTS	MEAN	1.59	1.34	1.48	1.31	1.01	1.57	1.48	1.20	1.35	1.12	1.51	1.45	1.18	1.27	1.22	1.41
	S.E.	0.05	0.05	0.07	0.07	0.13	0.22	0.06	0.06	0.06	0.08	0.11	0.03	0.05	0.05	0.14	0.17
PHYSICAL ED, HEALTH, & SPORTS	MEAN	1.97	2.06	2.27	2.15	2.04	1.90	1.94	2.01	2.40	2.57	2.12	1.89	1.98	2.13	2.21	2.06
	S.E.	0.06	0.09	0.08	0.10	0.10	0.20	0.08	0.11	0.09	0.16	0.07	0.03	0.07	0.05	0.09	0.12
OTHER PERSONAL AND SOCIAL DEV	MEAN	0.80	0.71	0.89	0.99	0.99	0.90	0.76	0.69	0.95	0.95	0.97	0.77	0.70	0.87	1.05	0.92
	S.E.	0.05	0.06	0.06	0.07	0.13	0.11	0.04	0.06	0.06	0.09	0.06	0.02	0.05	0.05	0.13	0.06
RELIGION/THEOLOGY	MEAN	0.25	0.18	0.23	0.21	0.48	0.23	0.27	0.12	0.13	0.12	0.11	0.24	0.11	0.17	0.17	0.09
	S.E.	0.04	0.03	0.06	0.05	0.24	0.15	0.05	0.05	0.04	0.04	0.06	0.03	0.03	0.03	0.05	0.03
ALL COURSES OTHER THAN ABOVE	MEAN	0.14	0.42	0.33	0.13	0.14	0.19	0.08	0.30	0.29	0.07	0.17	0.11	0.26	0.21	0.12	0.16
	S.E.	0.01	0.09	0.05	0.03	0.04	0.05	0.01	0.05	0.05	0.01	0.05	0.01	0.05	0.02	0.02	0.05

Table 17. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Student Program in 1990, 1987, and 1982

SUBJECT FIELD	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES						
	ACAD	VOC.	BOTH NEITHER	ACAD	VOC.	BOTH NEITHER	ACAD	VOC.	BOTH NEITHER				
ENGLISH	MEAN S.E.	4.27 0.04	3.54 0.05	4.13 0.03	3.45 0.08	4.24 0.02	3.61 0.03	4.22 0.04	3.57 0.04	4.17 0.03	3.48 0.03	4.41 0.10	3.44 0.04
HISTORY	MEAN S.E.	2.11 0.04	1.52 0.06	2.01 0.05	1.63 0.04	2.04 0.03	1.65 0.04	1.97 0.04	1.60 0.03	1.90 0.02	1.50 0.03	2.03 0.10	1.46 0.02
SOCIAL STUDIES OTHER THAN HIST	MEAN S.E.	1.56 0.03	1.16 0.06	1.39 0.05	1.26 0.04	1.58 0.05	1.08 0.06	1.50 0.05	1.16 0.04	1.62 0.03	1.19 0.03	1.71 0.08	1.25 0.03
MATHEMATICS	MEAN S.E.	3.43 0.02	2.04 0.04	3.04 0.03	2.08 0.06	3.46 0.02	1.99 0.03	3.00 0.03	2.07 0.03	3.34 0.02	1.74 0.02	2.99 0.14	1.91 0.03
COMPUTER SCIENCE/PROG/DATA PROC	MEAN S.E.	0.50 0.02	0.31 0.03	0.38 0.02	0.43 0.03	0.50 0.02	0.24 0.02	0.34 0.03	0.40 0.03	0.15 0.01	0.06 0.01	0.12 0.05	0.09 0.01
SCIENCE	MEAN S.E.	3.16 0.03	1.80 0.05	2.59 0.05	1.86 0.03	3.10 0.04	1.65 0.05	2.46 0.06	1.68 0.05	3.01 0.02	1.43 0.03	2.58 0.08	1.53 0.03
FOREIGN LANGUAGES	MEAN S.E.	1.99 0.04	0.44 0.04	0.91 0.05	0.91 0.04	1.95 0.06	0.49 0.03	0.83 0.06	0.89 0.05	1.71 0.04	0.35 0.02	0.55 0.04	0.70 0.02
NON-OCC SPECIFIC VOC ED	MEAN S.E.	1.24 0.03	2.25 0.06	1.65 0.05	2.36 0.13	1.29 0.06	2.22 0.07	1.67 0.06	2.35 0.10	1.28 0.03	2.13 0.05	1.95 0.10	2.34 0.05
GENERAL INTRODUCTORY	MEAN S.E.	0.19 0.01	1.05 0.10	0.82 0.08	0.41 0.03	0.20 0.01	0.72 0.08	0.58 0.08	0.40 0.02	0.18 0.01	0.77 0.04	0.54 0.07	0.36 0.02
AGRICULTURE	MEAN S.E.	0.04 0.01	0.68 0.10	0.48 0.08	0.13 0.02	0.04 0.01	0.58 0.10	0.59 0.12	0.10 0.01	0.04 0.00	0.51 0.05	0.54 0.10	0.09 0.01
BUSINESS	MEAN S.E.	0.39 0.01	1.45 0.13	1.43 0.09	0.49 0.03	0.42 0.02	1.54 0.10	1.49 0.08	0.58 0.03	0.37 0.01	1.83 0.07	1.78 0.15	0.59 0.02
MARKETING AND DISTRIBUTION	MEAN S.E.	0.03 0.00	0.21 0.05	0.30 0.05	0.08 0.01	0.03 0.00	0.31 0.06	0.23 0.03	0.10 0.01	0.03 0.00	0.18 0.02	0.21 0.05	0.08 0.01
HEALTH AND HUMAN SERVICES	MEAN S.E.	0.01 0.00	0.08 0.02	0.04 0.01	0.02 0.00	0.02 0.00	0.13 0.03	0.13 0.02	0.04 0.01	0.02 0.00	0.08 0.02	0.12 0.04	0.03 0.00
OCCUPATIONAL HOME ECONOMICS	MEAN S.E.	0.05 0.01	0.27 0.05	0.28 0.04	0.11 0.02	0.04 0.00	0.28 0.03	0.23 0.05	0.12 0.01	0.04 0.00	0.17 0.03	0.14 0.03	0.11 0.01
TRADE AND INDUSTRY	MEAN S.E.	0.17 0.01	2.01 0.17	1.32 0.09	0.35 0.03	0.18 0.01	1.95 0.14	1.46 0.16	0.38 0.02	0.19 0.01	1.85 0.09	1.37 0.12	0.34 0.01
TECHNICAL	MEAN S.E.	0.01 0.00	0.02 0.01	0.02 0.01	0.02 0.00	0.01 0.00	0.01 0.00	0.02 0.01	0.01 0.00	0.01 0.00	0.02 0.01	0.01 0.01	0.02 0.00

Table 17. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Student Program in 1990, 1987, and 1982
(Continued)

SUBJECT FIELD	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES		
	ACAD	VOC.	NEITHER	ACAD	VOC.	NEITHER	ACAD	VOC.	NEITHER
VISUAL AND PERFORMING ARTS	1.63 0.04	0.93 0.08	1.87 0.07	1.50 0.05	0.94 0.07	1.83 0.06	1.39 0.04	0.96 0.05	1.70 0.04
PHYSICAL ED, HEALTH, & SPORTS	2.02 0.06	1.88 0.09	2.07 0.09	1.94 0.07	1.91 0.10	2.12 0.07	1.92 0.04	1.80 0.04	2.00 0.03
OTHER PERSONAL AND SOCIAL DEV	0.81 0.04	0.63 0.05	1.08 0.11	0.80 0.04	0.61 0.04	0.87 0.06	0.73 0.02	0.62 0.02	0.96 0.03
RELIGION/THEOLOGY	0.31 0.05	0.02 0.01	0.13 0.03	0.33 0.06	0.10 0.04	0.15 0.05	0.37 0.04	0.05 0.01	0.13 0.02
ALL COURSES OTHER THAN ABOVE	0.11 0.01	0.27 0.04	0.66 0.10	0.08 0.01	0.12 0.02	0.27 0.04	0.08 0.01	0.11 0.01	0.23 0.02

Table 18. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Community Type in 1990 and 1987

SUBJECT FIELD	1990 GRADUATES					1987 GRADUATES				
	MEAN S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	MEAN S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ENGLISH	4.35 0.13	4.10 0.06	4.10 0.05	4.10 0.05	4.01 0.05	4.16 0.06	4.01 0.04	3.98 0.03	4.02 0.03	
HISTORY	2.13 0.09	2.09 0.08	1.82 0.07	1.93 0.07	1.82 0.06	2.07 0.09	1.95 0.05	1.88 0.09	1.82 0.06	
SOCIAL STUDIES OTHER THAN HIST	1.50 0.08	1.44 0.07	1.67 0.09	1.44 0.05	1.44 0.05	1.44 0.11	1.42 0.07	1.38 0.10	1.45 0.09	
MATHEMATICS	3.21 0.05	3.19 0.04	3.14 0.05	3.02 0.05	3.02 0.05	3.01 0.06	3.09 0.05	2.99 0.06	2.87 0.05	
COMPUTER SCIENCE/PROG/DATA PROC	0.50 0.05	0.44 0.04	0.41 0.05	0.48 0.03	0.48 0.03	0.36 0.02	0.45 0.03	0.43 0.03	0.44 0.04	
SCIENCE	2.79 0.08	2.84 0.04	2.73 0.07	2.85 0.05	2.85 0.05	2.57 0.08	2.58 0.07	2.52 0.09	2.63 0.07	
FOREIGN LANGUAGES	1.80 0.08	1.88 0.08	1.73 0.09	1.41 0.07	1.41 0.07	1.72 0.12	1.66 0.06	1.58 0.14	1.21 0.08	
NON-OCC SPECIFIC VOC ED	1.18 0.07	1.25 0.05	1.41 0.10	1.76 0.06	1.76 0.06	1.32 0.07	1.44 0.06	1.49 0.10	1.94 0.10	
GENERAL INTRODUCTORY	0.28 0.03	0.32 0.04	0.28 0.04	0.40 0.03	0.40 0.03	0.31 0.02	0.33 0.04	0.36 0.04	0.35 0.03	
AGRICULTURE	0.03 0.01	0.03 0.01	0.03 0.01	0.27 0.04	0.27 0.04	0.04 0.01	0.03 0.01	0.09 0.03	0.33 0.07	
BUSINESS	0.61 0.10	0.47 0.03	0.61 0.06	0.64 0.03	0.64 0.03	0.68 0.06	0.63 0.04	0.57 0.05	0.77 0.05	
MARKETING AND DISTRIBUTION	0.09 0.02	0.08 0.01	0.14 0.03	0.06 0.01	0.06 0.01	0.10 0.02	0.09 0.01	0.13 0.02	0.09 0.02	
HEALTH AND HUMAN SERVICES	0.01 0.00	0.02 0.01	0.03 0.01	0.03 0.00	0.03 0.00	0.08 0.01	0.04 0.01	0.05 0.02	0.04 0.01	
OCCUPATIONAL HOME ECONOMICS	0.10 0.02	0.08 0.01	0.09 0.03	0.10 0.02	0.10 0.02	0.09 0.01	0.08 0.01	0.11 0.02	0.12 0.01	



Table 18. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Community Type in 1990 and 1987
(Continued)

SUBJECT FIELD	1990 GRADUATES					1987 GRADUATES				
	MEAN S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	MEAN S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
TRADE AND INDUSTRY	0.29 0.04	0.41 0.05	0.41 0.05	0.41 0.06	0.52 0.03	0.54 0.05	0.46 0.04	0.46 0.04	0.46 0.05	0.67 0.08
TECHNICAL	0.01 0.00	0.01 0.00	0.03 0.00	0.00 0.00	0.01 0.00	0.01 0.00	0.02 0.00	0.02 0.00	0.02 0.01	0.01 0.00
VISUAL AND PERFORMING ARTS	1.52 0.08	1.47 0.07	1.47 0.07	1.66 0.12	1.54 0.06	1.45 0.07	1.31 0.05	1.31 0.05	1.50 0.11	1.47 0.09
PHYSICAL ED, HEALTH, & SPORTS	1.87 0.10	2.33 0.10	2.33 0.10	1.95 0.27	1.88 0.06	1.64 0.10	2.16 0.08	2.16 0.08	1.98 0.19	1.94 0.11
OTHER PERSONAL AND SOCIAL DEV	0.90 0.10	0.85 0.05	0.85 0.05	0.80 0.14	0.76 0.06	0.81 0.07	0.76 0.04	0.76 0.04	0.75 0.13	0.78 0.05
RELIGION/THEOLOGY	0.59 0.13	0.26 0.08	0.26 0.08	0.46 0.14	0.08 0.03	0.42 0.15	0.35 0.10	0.35 0.10	0.37 0.15	0.08 0.03
ALL COURSES OTHER THAN ABOVE	0.27 0.06	0.21 0.02	0.21 0.02	0.19 0.04	0.16 0.03	0.16 0.03	0.11 0.02	0.11 0.02	0.18 0.03	0.09 0.01

A-119

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 19. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by School Type (Public/Nonpublic) in 1990, 1987, and 1982

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES		
	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	
ENGLISH	MEAN S.E.	4.06 0.04	4.38 0.08	4.01 0.02	4.25 0.07	3.77 0.03	4.10 0.09
HISTORY	MEAN S.E.	1.95 0.04	2.31 0.08	1.87 0.02	2.19 0.10	1.65 0.02	1.92 0.07
SOCIAL STUDIES OTHER THAN HIST	MEAN S.E.	1.48 0.03	1.39 0.09	1.44 0.05	1.34 0.12	1.40 0.02	1.60 0.09
MATHEMATICS	MEAN S.E.	3.07 0.03	3.50 0.04	2.92 0.03	3.44 0.06	2.46 0.02	3.16 0.10
COMPUTER SCIENCE/PROG/DATA PROC	MEAN S.E.	0.47 0.02	0.41 0.03	0.43 0.02	0.44 0.06	0.11 0.01	0.08 0.02
SCIENCE	MEAN S.E.	2.80 0.03	3.08 0.06	2.57 0.05	2.81 0.07	2.14 0.02	2.57 0.08
FOREIGN LANGUAGES	MEAN S.E.	1.55 0.04	2.30 0.08	1.37 0.05	2.37 0.16	0.94 0.02	1.95 0.13
NON-OCC SPECIFIC VOC ED	MEAN S.E.	1.58 0.04	0.72 0.07	1.74 0.05	0.73 0.14	1.94 0.03	1.03 0.09
GENERAL INTRODUCTORY	MEAN S.E.	0.37 0.02	0.17 0.03	0.36 0.02	0.15 0.03	0.39 0.01	0.20 0.04
AGRICULTURE	MEAN S.E.	0.16 0.02	0.02 0.01	0.19 0.03	0.01 0.01	0.18 0.01	0.04 0.02
BUSINESS	MEAN S.E.	0.60 0.03	0.43 0.06	0.71 0.03	0.43 0.07	0.81 0.02	0.55 0.04
MARKETING AND DISTRIBUTION	MEAN S.E.	0.09 0.01	0.01 0.00	0.11 0.01	0.01 0.01	0.09 0.01	0.03 0.01
HEALTH AND HUMAN SERVICES	MEAN S.E.	0.02 0.00	0.01 0.01	0.05 0.01	0.01 0.00	0.04 0.00	0.02 0.01
OCCUPATIONAL HOME ECONOMICS	MEAN S.E.	0.10 0.01	0.01 0.00	0.11 0.01	0.00 0.00	0.10 0.01	0.03 0.01
TRADE AND INDUSTRY	MEAN S.E.	0.48 0.03	0.07 0.02	0.60 0.03	0.17 0.08	0.65 0.02	0.18 0.04
TECHNICAL	MEAN S.E.	0.02 0.00	0.00 0.00	0.01 0.00	0.01 0.00	0.01 0.00	0.01 0.00

Table 19. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by School Type (Public/Nonpublic) in 1990, 1987, and 1982
(Continued)

SUBJECT FIELD	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
VISUAL AND PERFORMING ARTS	1.56 0.04	1.29 0.07	1.44 0.04	1.26 0.13	1.42 0.03	1.20 0.10
PHYSICAL ED, HEALTH, & SPORTS	2.07 0.06	1.39 0.13	2.06 0.07	1.08 0.11	1.98 0.03	1.50 0.08
OTHER PERSONAL AND SOCIAL DEV	0.83 0.04	0.61 0.08	0.80 0.03	0.47 0.09	0.81 0.02	0.52 0.04
RELIGION/THEOLOGY	0.02 0.00	2.42 0.22	0.01 0.00	2.46 0.19	0.02 0.00	1.92 0.25
ALL COURSES OTHER THAN ABOVE	0.20 0.02	0.13 0.06	0.13 0.01	0.03 0.01	0.15 0.01	0.07 0.03

Table 20. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Region in 1990, 1987, and 1982

SUBJECT FIELD	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES			
	NORTH EAST	SOUTH CENTRAL	NORTH WEST	NORTH EAST	SOUTH CENTRAL	NORTH WEST	NORTH EAST	SOUTH CENTRAL	NORTH WEST	
	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	MEAN S.E.	
ENGLISH	4.16 0.08	4.19 0.02	3.86 0.09	4.16 0.11	4.10 0.03	3.87 0.04	4.07 0.03	3.91 0.06	3.92 0.05	3.63 0.04
HISTORY	2.50 0.09	1.85 0.05	1.72 0.06	2.02 0.07	1.83 0.03	1.62 0.04	1.89 0.05	1.98 0.05	1.64 0.03	1.56 0.02
SOCIAL STUDIES OTHER THAN HIST	1.11 0.06	1.56 0.05	1.61 0.06	1.54 0.07	1.47 0.06	1.54 0.08	1.47 0.09	1.25 0.05	1.35 0.04	1.53 0.04
MATHEMATICS	3.26 0.04	3.21 0.04	2.87 0.09	3.08 0.04	2.99 0.04	2.75 0.07	2.99 0.04	2.75 0.06	2.53 0.04	2.42 0.04
COMPUTER SCIENCE/PROG/DATA PROC	0.53 0.04	0.53 0.03	0.41 0.05	0.37 0.02	0.40 0.03	0.46 0.03	0.37 0.02	0.15 0.01	0.07 0.01	0.14 0.02
SCIENCE	3.15 0.04	2.94 0.05	2.58 0.06	2.60 0.04	2.95 0.13	2.37 0.11	2.47 0.07	2.55 0.06	2.19 0.02	2.05 0.04
FOREIGN LANGUAGES	2.11 0.06	1.39 0.06	1.46 0.10	1.72 0.08	1.19 0.07	1.24 0.08	1.44 0.08	1.64 0.08	0.77 0.05	0.86 0.03
NON-OCC SPECIFIC VOC ED	1.23 0.09	1.65 0.07	1.69 0.07	1.31 0.06	1.24 0.08	1.84 0.13	1.61 0.07	1.51 0.06	1.91 0.06	2.01 0.06
GENERAL INTRODUCTORY	0.31 0.03	0.42 0.04	0.37 0.05	0.24 0.03	0.26 0.03	0.45 0.05	0.28 0.02	0.30 0.03	0.41 0.02	0.44 0.02
AGRICULTURE	0.09 0.03	0.21 0.04	0.14 0.03	0.09 0.02	0.26 0.05	0.20 0.06	0.11 0.01	0.06 0.01	0.22 0.03	0.21 0.03
BUSINESS	0.59 0.08	0.57 0.03	0.74 0.04	0.42 0.05	0.73 0.08	0.77 0.05	0.54 0.05	0.75 0.04	0.77 0.03	0.88 0.04
MARKETING AND DISTRIBUTION	0.05 0.01	0.12 0.02	0.05 0.01	0.06 0.01	0.14 0.02	0.10 0.01	0.09 0.02	0.07 0.01	0.10 0.02	0.09 0.01
HEALTH AND HUMAN SERVICES	0.01 0.00	0.02 0.01	0.04 0.01	0.01 0.00	0.04 0.01	0.05 0.01	0.05 0.01	0.06 0.01	0.04 0.01	0.02 0.01
OCCUPATIONAL HOME ECONOMICS	0.07 0.01	0.13 0.02	0.09 0.01	0.06 0.02	0.12 0.02	0.11 0.02	0.09 0.02	0.06 0.01	0.08 0.01	0.11 0.01
TRADE AND INDUSTRY	0.46 0.07	0.45 0.04	0.51 0.03	0.33 0.05	0.57 0.09	0.61 0.06	0.46 0.03	0.59 0.05	0.54 0.04	0.69 0.04
TECHNICAL	0.04 0.01	0.01 0.00	0.01 0.00	0.01 0.00	0.01 0.01	0.01 0.00	0.01 0.01	0.02 0.00	0.00 0.00	0.02 0.00

Table 20. Mean Number of Credits (Carnegie Units) Earned in Various Subject Fields by Region in 1990, 1987, and 1982
(Continued)

SUBJECT FIELD	1990 GRADUATES						1987 GRADUATES						1982 GRADUATES											
	NORTH EAST		SOUTH CENTRAL		NORTH WEST		NORTH EAST		SOUTH CENTRAL		NORTH WEST		NORTH EAST		SOUTH CENTRAL		NORTH WEST							
	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.	MEAN	S.E.						
VISUAL AND PERFORMING ARTS	1.52	0.12	1.39	0.05	1.63	0.08	1.67	0.06	1.28	0.09	1.25	0.07	1.64	0.09	1.57	0.09	1.20	0.07	1.24	0.05	1.59	0.05	1.62	0.04
PHYSICAL ED, HEALTH, & SPORTS	2.11	0.16	1.99	0.07	1.62	0.14	2.44	0.09	1.56	0.16	1.91	0.10	1.95	0.18	2.60	0.04	1.66	0.07	2.04	0.05	1.66	0.05	2.61	0.07
OTHER PERSONAL AND SOCIAL DEV	0.56	0.06	0.69	0.06	0.79	0.09	1.31	0.10	0.49	0.06	0.73	0.06	0.70	0.06	1.31	0.07	0.46	0.02	0.72	0.04	0.71	0.03	1.49	0.05
RELIGION/THEOLOGY	0.41	0.10	0.14	0.05	0.29	0.08	0.18	0.06	0.59	0.15	0.08	0.02	0.26	0.08	0.07	0.03	0.29	0.05	0.16	0.04	0.28	0.06	0.11	0.03
ALL COURSES OTHER THAN ABOVE	0.13	0.03	0.22	0.04	0.19	0.03	0.22	0.03	0.07	0.02	0.19	0.02	0.08	0.01	0.13	0.02	0.11	0.02	0.17	0.02	0.12	0.02	0.15	0.03

Table 21. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S.E.		PERCENT S.E.		PERCENT S.E.	
ANY ENGLISH (1.00)	99.61 0.10		99.85 0.04		99.18 0.28	
ENGLISH 9 (1.00)	87.51 1.89		88.84 0.98		79.03 0.93	
ENGLISH 10 (1.00)	80.37 2.27		83.31 1.76		69.54 1.30	
ENGLISH 11 (1.00)	66.02 2.82		68.19 3.13		52.79 1.43	
ENGLISH 12 (1.00)	55.99 2.74		58.11 2.75		41.65 1.13	
AP/HONORS 12TH GRADE ENGLISH (1.00)	10.98 0.89		11.55 0.81		5.97 0.53	
ANY REMEDIAL/BELOW GRADE ENG (1.00)	9.60 0.86		12.43 1.12		14.58 0.82	
ENGLISH AS A SECOND LANGUAGE (1.00)	2.07 0.49		1.21 0.20		0.27 0.05	
ENGLISH 9 + 10 (2.00)	75.00 2.60		77.41 1.95		61.63 1.29	
ENGLISH 9 + 10 + 11 (3.00)	58.34 2.91		59.33 2.96		42.58 1.10	
ENGLISH 9 + 10 + 11 + 12 (4.00)	46.11 2.76		49.08 2.76		29.50 1.02	

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar). Therefore, although it appears that only 46.11 percent of the 1990 graduates took 4 years of English, the actual percentage is significantly higher. Table 70, for example indicates that at least 66.79 percent of 1990 graduates earned 4 or more English credits.

Table 22. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ANY ENGLISH (1.00)	99.72 0.07	99.50 0.16	99.96 0.01	99.73 0.07	99.33 0.26	99.02 0.33
ENGLISH 9 (1.00)	87.90 2.05	87.05 1.77	89.82 0.87	87.93 1.20	79.95 1.06	78.06 1.07
ENGLISH 10 (1.00)	80.82 2.42	79.85 2.20	83.66 1.78	82.98 1.84	70.38 1.51	68.65 1.36
ENGLISH 11 (1.00)	65.32 2.90	66.81 2.81	68.89 3.12	67.65 3.28	53.20 1.69	52.36 1.48
ENGLISH 12 (1.00)	56.44 2.80	55.53 2.78	59.43 2.68	56.90 2.97	42.48 1.46	40.77 1.19
AP/HONORS 12TH GRADE ENGLISH (1.00)	12.80 1.02	9.00 0.83	13.28 0.96	9.71 0.77	7.10 0.78	4.77 0.41
ANY REMEDIAL/BELOW GRADE ENG (1.00)	8.27 0.79	11.07 1.03	10.89 1.08	14.02 1.35	12.84 0.95	16.45 0.90
ENGLISH AS A SECOND LANGUAGE (1.00)	2.07 0.53	2.06 0.48	1.15 0.24	1.27 0.20	0.22 0.06	0.31 0.09
ENGLISH 9 + 10 (2.00)	75.65 2.73	74.24 2.55	78.15 1.89	76.71 2.13	62.31 1.50	60.92 1.38
ENGLISH 9 + 10 + 11 (3.00)	58.15 2.99	58.56 2.92	60.41 2.81	58.43 3.25	43.02 1.34	42.11 1.27
ENGLISH 9 + 10 + 11 + 12 (4.00)	46.19 2.84	46.04 2.78	50.70 2.62	47.57 3.03	30.22 1.28	28.74 1.17

A-125

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 23. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN	1990 GRADUATES						1987 GRADUATES						1982 GRADUATES					
	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	
ANY ENGLISH (1.00)	99.69	99.03	99.68	99.91	100.00	99.85	99.86	99.66	99.76	100.00	99.70	100.00	99.38	98.38	98.52	99.26	99.56	
S.E.	0.08	0.59	0.17	0.11	0.00	0.15	0.04	0.22	0.21	0.00	0.31	0.00	0.27	0.81	0.62	0.53	0.46	
ENGLISH 9 (1.00)	88.93	83.79	82.48	81.38	88.49	89.46	90.54	87.58	80.77	81.48	87.25	84.67	80.69	72.33	75.77	74.10	74.36	
S.E.	2.25	3.06	2.40	3.88	3.40	3.34	1.13	2.49	1.76	3.62	3.02	4.73	1.13	2.77	1.48	4.96	5.10	
ENGLISH 10 (1.00)	81.45	80.62	73.44	75.05	78.87	77.83	85.03	81.62	73.72	79.91	82.55	79.34	69.78	67.72	70.35	70.08	65.46	
S.E.	2.66	3.40	2.39	6.35	4.55	6.57	2.07	2.74	2.73	3.33	2.57	7.72	1.53	2.80	1.84	3.24	4.86	
ENGLISH 11 (1.00)	66.60	68.78	59.10	60.88	64.77	63.79	68.34	72.35	61.86	68.49	69.33	65.56	50.97	60.63	57.09	55.24	53.93	
S.E.	3.27	4.12	4.70	4.57	5.40	9.44	3.65	3.03	6.68	4.81	2.35	10.04	1.44	3.40	1.63	4.66	4.33	
ENGLISH 12 (1.00)	55.69	63.14	51.43	47.97	57.82	52.07	58.91	65.49	52.11	57.68	63.84	44.80	39.68	05	43.34	37.20	38.35	
S.E.	3.18	4.18	4.36	4.67	7.42	6.68	1.16	2.81	4.60	6.14	2.96	8.81	1.19	3.09	1.97	3.16	4.05	
AP/HONORS 12TH GRADE ENGLISH (1.00)	11.64	7.38	8.12	17.57	8.89	11.44	12.17	6.04	9.07	32.77	3.80	10.11	6.84	3.44	2.75	8.06	3.44	
S.E.	1.00	1.08	1.18	3.85	2.81	3.72	0.79	0.70	2.15	7.04	1.39	1.32	0.64	0.84	0.51	1.71	1.53	
ANY REMEDIAL/BELOW GRADE ENG (1.00)	6.80	18.03	20.85	15.04	8.62	4.83	9.41	24.22	22.76	9.98	17.55	13.88	12.39	21.01	20.45	14.86	29.39	
S.E.	0.80	2.01	3.51	1.76	2.14	1.63	1.12	2.62	2.01	1.81	2.37	2.17	0.92	1.95	1.46	1.64	4.97	
ENGLISH AS A SECOND LANGUAGE (1.00)	0.25	1.45	14.63	14.63	3.66	1.57	0.13	1.08	9.44	12.83	2.46	0.54	0.03	0.01	1.45	4.91	0.70	
S.E.	0.10	0.79	3.91	4.49	1.14	0.65	0.05	0.63	1.96	2.91	1.21	0.28	0.02	0.02	0.35	1.71	0.38	
ENGLISH 9 + 10 (2.00)	76.29	74.90	66.64	67.89	75.21	74.14	79.48	74.74	65.36	73.63	76.84	73.85	62.67	56.30	61.05	56.30	58.36	
S.E.	3.14	3.51	2.74	6.36	4.41	6.74	2.34	3.22	3.07	4.26	2.69	7.96	1.60	2.45	1.91	5.01	4.96	
ENGLISH 9 + 10 + 11 (3.00)	59.62	60.52	47.44	50.97	57.50	54.91	60.50	59.93	48.26	58.55	59.42	57.05	42.30	44.24	44.64	36.43	37.53	
S.E.	3.46	3.89	4.05	4.60	5.62	10.94	3.41	3.87	6.08	5.15	2.35	11.03	1.18	3.02	2.02	5.06	5.59	
ENGLISH 9 + 10 + 11 + 12 (4.00)	46.80	50.44	37.69	36.12	47.45	43.19	50.15	54.71	39.34	47.93	46.68	39.97	28.79	36.05	30.32	23.40	21.74	
S.E.	3.21	4.13	4.34	4.26	6.97	7.52	3.17	3.41	3.79	6.45	2.54	9.16	1.04	3.49	1.91	3.09	3.79	

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).



Table 24. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
	PERCENT S.E.	ACAD. VOC.	BOTH	NEITHER	ACAD. VOC.	BOTH	NEITHER	ACAD. VOC.	BOTH	NEITHER	ACAD. VOC.	BOTH	NEITHER
ANY ENGLISH (1.00)	99.97 0.04	98.81 0.57	100.00 0.00	97.94 0.68	100.00 0.00	99.72 0.09	100.00 0.00	99.37 0.21	100.00 0.00	99.47 0.28	100.00 0.00	97.94 0.76
ENGLISH 9 (1.00)	91.11 1.12	84.11 3.05	85.37 2.61	72.16 6.37	91.86 1.22	86.18 1.87	92.89 1.16	79.01 1.98	86.46 0.91	79.51 1.71	84.89 2.85	69.10 1.75
ENGLISH 10 (1.00)	83.47 2.05	76.07 3.60	83.06 2.10	64.68 4.75	86.79 2.01	80.89 2.18	88.08 1.78	71.42 2.63	74.15 1.69	69.53 2.11	76.89 2.88	62.98 1.88
ENGLISH 11 (1.00)	69.69 2.81	57.23 4.31	73.92 2.73	46.06 4.59	69.77 3.36	67.01 4.18	77.51 3.71	59.57 4.24	55.42 1.80	56.83 2.63	62.33 3.47	46.22 1.81
ENGLISH 12 (1.00)	61.62 2.74	35.83 4.76	67.30 2.78	29.90 3.14	63.68 3.13	47.81 3.27	69.54 3.78	42.06 3.38	50.71 1.76	36.73 2.12	56.06 2.89	31.19 1.49
AP/HONORS 12TH GRADE ENGLISH (1.00)	14.84 1.07	0.19 0.14	4.39 0.65	1.88 0.67	17.15 1.25	2.10 0.57	6.19 0.97	2.48 0.63	10.67 0.99	2.12 0.62	3.65 0.80	2.70 0.42
ANY REMEDIAL/BELOW GRADE ENG (1.00)	7.59 0.67	17.22 3.34	13.44 1.86	12.86 1.85	8.73 1.00	19.52 2.30	18.13 2.94	16.80 1.47	11.52 1.15	17.69 1.71	15.61 3.06	16.51 0.87
ENGLISH AS A SECOND LANGUAGE (1.00)	2.46 0.61	0.57 0.57	2.00 0.80	0.93 0.41	1.48 0.28	0.28 0.10	1.28 0.27	0.97 0.24	0.34 0.09	0.09 0.05	0.22 0.15	0.27 0.08
ENGLISH 9 + 10 (2.00)	79.17 2.22	68.83 4.33	76.56 2.93	55.63 5.65	82.17 2.26	72.99 2.50	84.09 2.01	61.92 3.12	68.71 1.69	61.80 2.16	71.41 3.00	51.69 1.77
ENGLISH 9 + 10 + 11 (3.00)	63.25 2.86	46.90 4.36	64.26 3.07	34.93 4.48	63.35 3.40	55.49 3.56	70.41 3.73	43.82 3.59	48.15 1.67	45.09 2.01	52.67 3.34	33.19 1.47
ENGLISH 9 + 10 + 11 + 12 (4.00)	52.10 2.72	26.59 4.02	54.34 3.01	20.02 3.33	54.86 3.30	38.98 3.17	62.07 3.71	31.45 2.99	38.04 1.50	26.88 1.78	42.90 3.14	18.66 1.09

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 25. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990 and 1987 by Community Type

COURSES TAKEN	1990 GRADUATES					1987 GRADUATES				
	PERCENT S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	PERCENT S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY ENGLISH (1.00)	99.53 0.19	99.76 0.11	99.79 0.11	99.52 0.20	99.92 0.03	99.90 0.06	99.71 0.10	99.86 0.07	99.92 0.03	
ENGLISH 9 (1.00)	85.21 2.69	87.34 2.62	94.86 1.13	86.46 3.63	93.19 1.15	84.43 3.37	84.96 1.59	88.32 3.69	93.19 1.15	
ENGLISH 10 (1.00)	75.88 4.70	77.50 4.09	81.72 4.65	82.96 3.61	85.35 3.34	78.07 2.75	82.28 2.75	84.53 3.20	85.35 3.34	
ENGLISH 11 (1.00)	57.85 6.38	68.09 5.52	57.97 6.66	69.31 3.97	72.30 5.07	62.70 6.15	62.42 4.88	72.93 6.48	72.30 5.07	
ENGLISH 12 (1.00)	54.46 7.37	47.96 5.80	58.77 5.62	60.17 4.35	61.05 4.67	51.54 4.39	56.36 4.16	59.52 8.24	61.05 4.67	
AP/HONORS 12TH GRADE ENGLISH (1.00)	12.40 1.72	12.84 1.84	14.02 2.21	8.78 1.32	10.39 1.07	9.54 1.66	14.39 2.17	11.26 1.48	10.39 1.07	
ANY REMEDIAL/BELOW GRADE ENG (1.00)	13.98 2.19	12.13 1.95	10.89 3.08	6.59 1.04	11.08 2.33	19.36 1.57	11.18 1.52	12.01 2.08	11.08 2.33	
ENGLISH AS A SECOND LANGUAGE (1.00)	7.40 2.78	2.57 0.66	0.67 0.41	0.55 0.26	0.29 0.10	4.37 1.11	1.19 0.25	0.80 0.24	0.29 0.10	
ENGLISH 9 + 10 (2.00)	69.75 4.67	71.25 5.13	79.01 4.53	77.63 4.16	81.57 3.32	71.43 3.34	74.80 3.60	76.48 3.91	81.57 3.32	
ENGLISH 9 + 10 + 11 (3.00)	48.38 5.44	58.88 5.84	52.52 6.43	62.45 4.19	65.38 5.08	52.40 4.88	52.71 4.30	61.63 6.02	65.38 5.08	
ENGLISH 9 + 10 + 11 + 12 (4.00)	39.74 5.92	40.58 5.78	44.69 5.55	51.39 4.43	53.37 4.62	43.30 4.34	44.72 4.15	50.94 7.91	53.37 4.62	

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 26. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S.E.	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC
ANY ENGLISH (1.00)	99.60 0.11	99.76 0.26	99.83 0.04	100.00 0.00	99.09 0.32	99.97 0.03
ENGLISH 9 (1.00)	86.98 2.08	92.64 2.05	88.37 1.08	93.29 2.38	78.30 0.95	85.17 3.91
ENGLISH 10 (1.00)	80.86 2.41	75.65 4.00	82.08 1.94	94.88 2.07	69.06 1.40	73.54 4.93
ENGLISH 11 (1.00)	65.55 3.07	70.56 4.87	67.99 3.42	70.07 8.93	52.08 1.57	58.75 4.86
ENGLISH 12 (1.00)	55.06 3.05	65.06 5.92	56.61 2.91	72.29 8.62	41.08 1.19	46.44 4.02
AP/HONORS 12TH GRADE ENGLISH (1.00)	11.18 0.98	8.99 1.58	11.01 0.75	16.62 3.37	5.71 0.55	8.21 1.71
ANY REMEDIAL/BELOW GRADE ENG (1.00)	9.83 0.96	7.33 1.28	13.12 1.24	5.89 1.74	17.58 0.92	6.26 1.17
ENGLISH AS A SECOND LANGUAGE (1.00)	2.23 0.55	0.51 0.26	1.30 0.21	0.34 0.36	0.29 0.06	0.02 0.01
ENGLISH 9 + 10 (2.00)	75.26 2.78	72.47 4.13	75.90 2.14	91.68 2.74	60.79 1.33	68.73 5.19
ENGLISH 9 + 10 + 11 (3.00)	57.87 3.17	62.92 4.59	58.67 3.15	65.55 9.13	41.78 1.24	49.27 4.76
ENGLISH 9 + 10 + 11 + 12 (4.00)	45.29 3.11	54.11 5.55	48.01 2.85	59.18 9.21	28.58 1.09	37.24 3.94

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 27. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in English Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES				
	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	
ANY ENGLISH (1.00)	PERCENT S.E.	99.48 0.23	99.53 0.26	99.79 0.09	99.65 0.13	99.83 0.09	99.92 0.03	99.81 0.09	99.79 0.10	98.00 1.02	99.58 0.21	99.26 0.54	99.93 0.05
ENGLISH 9 (1.00)	PERCENT S.E.	92.40 1.98	85.78 2.76	84.37 5.92	89.41 1.52	92.92 1.79	92.11 1.44	85.16 2.09	84.15 2.39	84.66 1.21	81.01 1.92	74.54 2.13	75.41 2.35
ENGLISH 10 (1.00)	PERCENT S.E.	83.83 3.96	85.35 2.77	70.82 6.80	81.24 3.86	83.25 5.56	90.52 1.56	78.08 2.56	79.47 3.90	74.80 2.06	78.89 2.30	60.09 2.94	61.32 3.90
ENGLISH 11 (1.00)	PERCENT S.E.	68.20 5.48	83.15 2.80	48.78 7.67	58.14 6.71	67.24 10.64	85.70 1.36	52.63 6.33	64.46 6.32	60.23 2.28	71.00 2.78	35.70 2.96	38.33 2.60
ENGLISH 12 (1.00)	PERCENT S.E.	64.29 4.00	78.00 3.61	29.93 6.03	45.29 6.58	61.59 10.02	80.49 2.32	38.60 3.35	47.00 7.94	54.03 3.19	63.86 2.12	18.95 1.89	22.71 1.70
AP/HONORS 12TH GRADE ENGLISH (1.00)	PERCENT S.E.	10.90 1.60	13.33 1.51	8.24 2.17	10.80 2.22	9.89 1.65	12.83 1.46	9.91 0.96	14.02 3.13	8.40 1.42	6.35 0.91	3.28 0.58	6.67 1.15
ANY REMEDIAL/BELOW GRADE ENG (1.00)	PERCENT S.E.	9.31 2.36	8.17 1.27	9.00 1.55	13.15 2.33	12.13 2.46	14.29 2.98	10.78 1.15	12.28 1.83	13.71 1.90	15.41 1.22	11.26 1.50	20.19 2.34
ENGLISH AS A SECOND LANGUAGE (1.00)	PERCENT S.E.	2.23 0.89	1.10 0.44	0.40 0.24	5.80 2.24	1.31 0.44	0.54 0.11	0.34 0.14	3.60 0.86	0.35 0.11	0.19 0.06	0.05 0.03	0.68 0.23
ENGLISH 9 + 10 (2.00)	PERCENT S.E.	79.34 4.09	79.40 3.13	65.51 7.87	75.81 4.25	80.25 5.70	85.21 1.60	71.25 3.16	70.51 5.54	69.25 1.83	70.15 2.15	52.07 3.24	51.86 3.63
ENGLISH 9 + 10 + 11 (3.00)	PERCENT S.E.	61.04 4.98	74.99 3.08	40.95 7.84	50.94 6.45	62.28 10.65	76.58 2.04	43.62 4.39	51.47 8.15	50.74 1.94	58.16 2.62	27.99 2.36	27.61 2.04
ENGLISH 9 + 10 + 11 + 12 (4.00)	PERCENT S.E.	53.39 5.34	69.00 2.69	20.79 6.60	34.01 5.85	53.04 10.28	71.11 2.27	29.51 3.48	38.08 8.05	39.91 2.03	47.64 2.65	11.47 1.58	12.70 1.17

NOTE: English 9, 10, 11, and 12 do not include English courses listed on transcripts by content rather than grade level (e.g., American Literature, Poetry, Grammar).

Table 28. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S.E.		PERCENT S.E.		PERCENT S.E.	
ANY SOCIAL STUDIES (1.00)	99.81 0.10		99.79 0.06		99.10 0.20	
ANY HISTORY (1.00)	97.56 0.73		98.64 0.20		92.90 0.52	
U. S. HISTORY (1.00)	87.11 1.86		87.37 2.02		76.05 1.19	
AP/HONORS AMERICAN HISTORY (1.00)	4.89 0.72		2.85 0.31		1.87 0.28	
WORLD HISTORY (1.00)	51.19 2.62		43.79 2.26		33.35 1.15	
AP/HONORS WORLD HISTORY (1.00)	0.35 0.17		0.33 0.10		0.39 0.11	
NON-WESTERN HISTORY (0.50)	7.81 1.81		8.75 2.12		7.25 0.63	
WESTERN HISTORY/CIVILIZATION (0.50)	10.32 1.57		9.74 2.01		11.27 1.00	
REMEDIAL/BELOW GRADE HIST (1.00)	2.87 0.85		3.51 0.67		1.64 0.32	
CIVICS/AMERICAN POLITICS (0.50)	75.01 1.93		69.55 2.32		57.42 1.43	
INTERNATIONAL POLITICS (0.50)	8.36 1.16		7.42 1.58		6.43 0.76	
ECONOMICS (0.50)	47.71 3.47		33.90 3.02		26.60 1.29	
GEOGRAPHY (0.50)	21.26 1.78		15.21 1.63		16.05 0.89	
SOCIOLOGY/PSYCHOLOGY (0.50)	32.86 1.73		33.72 1.43		31.21 1.02	
WORLD HIST+U.S. HIST (2.00)	45.26 2.64		39.21 2.33		26.43 1.07	
WORLD HIST+U.S. HIST+CIVICS (2.50)	36.52 2.71		28.46 2.18		15.73 0.85	
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	1.73 0.47		1.39 0.27		0.62 0.14	

Table 29. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ANY SOCIAL STUDIES (1.00)	99.85 PERCENT S.E.	99.75 0.12	99.80 07	99.77 0.07	99.26 0.17	98.93 0.26
ANY HISTORY (1.00)	97.60 PERCENT S.E.	97.50 0.80	98.81 0.21	98.48 0.23	93.08 0.65	92.70 0.59
U. S. HISTORY (1.00)	87.60 PERCENT S.E.	86.54 1.94	87.21 2.08	87.49 2.08	75.85 1.32	76.26 1.25
AP/HONORS AMERICAN HISTORY (1.00)	5.23 PERCENT S.E.	4.54 0.71	2.52 0.32	3.17 0.38	2.09 0.36	1.65 0.31
WORLD HISTORY (1.00)	50.89 PERCENT S.E.	51.47 2.75	43.25 2.41	44.5 2.33	34.01 1.28	32.65 1.27
AP/HONORS WORLD HISTORY (1.00)	0.42 PERCENT S.E.	0.28 0.17	0.42 0.12	0.23 0.08	0.44 0.16	0.34 0.11
NON-WESTERN HISTORY (0.50)	7.57 PERCENT S.E.	8.08 1.91	8.01 1.99	9.55 2.35	7.31 0.74	7.18 0.67
WESTERN HISTORY/CIVILIZATION (0.50)	10.21 PERCENT S.E.	10.46 1.70	9.43 1.89	9.97 2.16	11.53 1.09	11.00 1.04
REMEDIAL/BELOW GRADE HIST (1.00)	2.32 PERCENT S.E.	3.49 0.91	3.17 0.67	3.89 0.71	1.28 0.30	2.03 0.43
CIVICS/AMERICAN POLITICS (0.50)	74.85 PERCENT S.E.	75.14 1.97	70.72 2.38	68.54 2.40	56.78 1.48	58.10 1.69
INTERNATIONAL POLITICS (0.50)	8.22 PERCENT S.E.	8.53 1.22	7.11 1.68	7.79 1.53	5.83 0.75	7.06 0.89
ECONOMICS (0.50)	47.24 PERCENT S.E.	48.15 3.42	33.37 2.98	34.55 3.16	26.32 1.46	26.90 1.36
GEOGRAPHY (0.50)	20.69 PERCENT S.E.	21.92 1.76	14.40 1.66	16.08 1.71	14.73 0.98	17.45 1.06
SOCIOLOGY/PSYCHOLOGY (0.50)	38.01 PERCENT S.E.	27.26 1.86	39.78 1.75	27.27 1.39	35.98 1.28	26.12 1.08
WORLD HIST+U.S. HIST (2.00)	44.90 PERCENT S.E.	45.59 2.72	38.07 2.39	40.53 2.38	27.09 1.26	25.74 1.14
WORLD HIST+U.S. HIST+CIVICS (2.50)	36.33 PERCENT S.E.	36.66 2.79	28.04 2.16	29.01 2.31	16.08 0.99	15.36 0.90

Table 29. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Gender (Continued)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	1.75	1.71	1.26	1.53	0.76	0.48
	0.49	0.47	0.28	0.28	0.20	0.10
	PERCENT		PERCENT		PERCENT	
	S.E.		S.E.		S.E.	

Table 30. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN	1990 GRADUATES						1987 GRADUATES						1982 GRADUATES					
	PERCENT	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY SOCIAL STUDIES (1.00)	99.77	99.89	99.86	100.00	100.00	100.00	99.85	99.81	99.71	99.55	99.92	100.00	99.84	99.39	98.39	97.85	98.56	99.47
S.E.	0.14	0.08	0.14	0.00	0.00	0.15	0.08	0.08	0.29	0.22	0.10	0.00	0.17	0.16	0.74	0.62	0.67	0.47
ANY HISTORY (1.00)	97.15	98.42	98.57	99.40	99.74	98.01	98.01	98.85	97.60	97.82	98.75	98.45	98.97	93.16	92.63	90.76	94.12	95.17
S.E.	0.99	0.75	0.63	0.32	0.27	0.98	0.18	0.18	1.20	0.42	0.55	0.52	0.40	0.55	1.58	1.12	1.45	1.47
U. S. HISTORY (1.00)	87.45	87.34	86.57	77.81	81.20	90.68	90.68	89.09	82.45	92.59	92.45	90.92	73.52	75.93	77.71	75.28	73.74	77.62
S.E.	2.07	2.99	3.79	9.03	7.44	3.74	3.74	1.43	4.07	1.39	2.32	2.46	13.98	1.31	2.88	1.69	4.28	3.73
AP/HONORS AMERICAN HISTORY (1.00)	5.19	2.70	2.82	10.78	5.55	5.90	5.90	2.65	1.94	2.10	14.49	1.75	2.84	2.09	1.42	0.96	3.41	0.25
S.E.	0.78	0.55	0.72	2.41	1.64	2.43	2.43	0.34	0.52	0.38	3.41	1.10	0.90	0.32	0.68	0.34	1.07	0.21
WORLD HISTORY (1.00)	47.55	58.56	67.19	64.25	45.63	50.84	50.84	44.55	46.74	45.38	46.45	33.28	32.28	33.22	33.42	33.85	34.86	34.31
S.E.	2.63	4.72	4.84	8.32	8.55	11.56	11.56	2.70	4.46	4.43	4.57	4.69	5.27	1.35	2.34	1.59	3.54	5.08
AP/HONORS WORLD HISTORY (1.00)	0.45	0.02	0.19	0.48	0.22	0.00	0.00	0.32	0.33	0.54	1.34	0.00	0.00	0.44	0.21	0.25	0.84	0.00
S.E.	0.22	0.02	0.14	0.42	0.23	0.00	0.00	0.09	0.09	0.46	0.88	0.00	0.00	0.15	0.15	0.12	0.59	0.00
NON-WESTERN HISTORY (0.50)	6.00	2.34	6.79	9.22	13.89	24.59	24.59	7.68	4.67	6.09	5.94	5.45	27.11	7.27	8.15	5.72	8.10	9.38
S.E.	2.12	1.13	1.97	2.05	4.65	15.52	15.52	1.75	1.78	1.36	1.92	2.57	10.33	0.82	1.68	0.69	2.86	2.90
WESTERN HISTORY/CIVILIZATION (0.50)	11.18	2.75	10.02	10.06	18.67	21.21	21.21	8.18	5.16	9.13	16.15	6.81	28.49	12.43	7.31	7.67	10.24	9.57
S.E.	1.66	0.64	3.36	3.46	6.29	13.60	13.60	1.64	1.48	3.21	3.92	2.28	11.74	1.21	1.18	0.94	2.29	3.11
REMEDIATION/BELOW GRADE HIST (1.00)	2.81	3.23	4.31	1.26	3.08	1.16	1.16	3.02	5.76	6.84	2.70	6.31	1.88	1.57	1.33	1.90	1.54	3.56
S.E.	1.04	0.84	1.35	0.45	2.57	0.67	0.67	0.87	1.26	1.15	0.81	1.97	0.71	0.34	0.48	0.54	0.77	2.25
CIVICS/AMERICAN POLITICS (0.50)	74.07	75.34	82.61	76.29	74.58	75.11	75.11	69.96	71.98	85.07	78.14	75.68	47.20	56.88	55.44	62.04	68.15	55.03
S.E.	1.87	4.17	4.12	6.90	4.81	8.41	8.41	2.77	4.57	2.20	8.06	3.85	6.79	1.58	2.46	1.96	4.42	4.57
INTERNATIONAL POLITICS (0.50)	9.88	3.50	3.75	7.16	6.14	7.49	7.49	8.17	3.53	2.17	7.75	4.25	10.83	6.96	4.27	5.05	8.00	4.68
S.E.	1.37	0.67	0.98	2.36	2.29	2.83	2.83	1.82	1.51	0.46	5.42	2.11	4.78	0.85	1.20	0.84	2.61	1.76
ECONOMICS (0.50)	43.20	59.79	62.93	52.86	36.54	57.47	57.47	32.84	41.19	46.13	44.66	16.13	22.00	26.80	28.59	24.03	16.56	29.77
S.E.	3.62	4.68	6.30	8.82	7.20	10.92	10.92	3.57	6.03	5.95	7.65	4.80	3.99	1.47	2.66	1.65	2.65	4.46
GEOGRAPHY (0.50)	22.12	23.12	13.59	19.23	29.21	13.27	13.27	15.57	21.20	13.92	14.43	10.76	5.34	15.40	16.54	17.80	18.91	25.43
S.E.	1.94	3.27	1.94	4.89	5.91	4.35	4.35	1.72	4.68	2.50	4.41	3.17	1.34	0.96	1.64	1.62	2.54	7.23
SOCIOLOGY/PSYCHOLOGY (0.50)	35.46	24.02	23.11	32.10	23.59	37.59	37.59	35.70	24.96	23.61	27.86	19.29	40.48	33.27	23.52	25.08	30.93	29.07
S.E.	1.89	2.41	2.58	10.37	3.67	5.79	5.79	1.80	2.05	2.70	2.85	4.09	3.79	1.20	1.92	1.33	3.06	4.31
WORLD HIST+U.S. HIST (2.00)	42.43	52.38	58.98	46.59	32.82	47.08	47.08	40.02	40.36	43.49	43.19	30.56	27.11	26.01	28.78	26.73	24.48	29.38
S.E.	2.71	4.92	5.28	4.19	7.45	11.18	11.18	2.51	5.40	4.41	5.38	4.36	6.51	1.32	2.51	1.55	4.93	5.30
WORLD HIST+U.S. HIST+CIVICS (2.50)	33.97	41.35	53.97	35.43	26.22	35.41	35.41	28.69	28.87	38.47	36.39	19.56	16.82	15.11	17.56	17.88	14.95	17.75
S.E.	2.78	4.93	5.42	8.04	7.12	8.61	8.61	2.42	4.44	4.29	6.06	3.34	6.44	1.03	2.23	1.18	3.61	4.36

Table 30. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Race/Ethnicity (Continued)

COURSES TAKEN	PERCENT S.E.	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES								
		WHITE	BLACK	HISPA	ASIAN OTHER	NR	WHITE	BLACK	HISPA	ASIAN OTHER	NR	WHITE	BLACK	HISPA	ASIAN OTHER			
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)		1.91	1.09	1.90	2.10	0.00	0.04	1.59	1.04	0.83	0.44	0.85	0.93	0.52	0.21	1.05	0.86	0.38
		0.58	0.43	0.60	0.87	0.00	0.04	0.52	0.59	0.28	0.42	0.36	0.81	0.14	0.11	0.61	0.49	0.26

Table 31. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY SOCIAL STUDIES (1.00)	99.86 S.E. 0.14	99.71 0.20	100.00 0.00	99.42 0.22	100.00 0.00	99.73 0.22	100.00 0.00	99.03 0.30	99.96 0.04	99.74 0.11	100.00 0.00	97.63 0.59
ANY HISTORY (1.00)	98.49 S.E. 0.49	92.40 3.27	99.15 0.65	94.50 1.21	99.54 0.15	97.81 0.60	99.48 0.34	95.91 0.56	95.53 0.63	92.23 0.89	97.23 0.82	89.45 0.92
U. S. HISTORY (1.00)	88.12 S.E. 1.93	84.11 3.73	90.01 2.51	81.41 2.25	88.29 2.08	87.03 2.61	85.38 3.78	85.49 1.64	77.27 1.47	76.71 1.74	80.78 2.10	73.55 1.71
AP/HONORS AMERICAN HISTORY (1.00)	6.71 S.E. 0.99	0.57 0.55	1.44 0.40	0.45 0.14	4.45 0.44	0.22 0.14	0.86 0.34	0.42 0.22	3.01 0.40	0.60 0.30	0.57 0.31	1.36 0.35
WORLD HISTORY (1.00)	56.13 S.E. 2.64	26.64 3.30	57.35 4.70	35.01 3.27	49.21 2.10	34.06 3.86	51.77 3.51	29.38 3.09	41.18 1.67	27.43 1.85	46.56 3.52	25.01 1.35
AP/HONORS WORLD HISTORY (1.00)	0.48 S.E. 0.23	0.00 0.00	0.16 0.15	0.04 0.04	0.50 0.16	0.03 0.03	0.14 0.12	0.08 0.06	0.71 0.21	0.00 0.00	0.14 0.10	0.24 0.12
NON-WESTERN HISTORY (0.50)	8.96 S.E. 2.11	4.11 1.42	7.98 2.27	3.77 1.41	10.05 2.46	5.44 2.48	6.91 3.24	7.74 2.10	9.54 0.79	4.84 1.00	10.41 2.51	5.24 0.93
WESTERN HISTORY/CIVILIZATION (0.50)	12.17 S.E. 1.74	3.88 1.66	8.16 2.01	5.93 2.05	12.42 2.39	4.96 2.14	7.46 2.90	5.49 0.98	16.70 1.65	7.00 0.87	10.77 1.86	7.05 0.96
REMEDIAL/BELOW GRADE HIST (1.00)	2.09 S.E. 0.65	4.88 1.93	5.09 2.62	4.15 1.01	2.55 0.73	5.50 0.97	4.38 1.06	4.83 0.62	1.25 0.40	2.69 0.70	1.31 0.75	1.64 0.35
CIVICS/AMERICAN POLITICS (0.50)	75.87 S.E. 1.98	70.71 4.12	77.98 3.05	70.79 3.58	70.13 2.36	67.68 4.58	74.42 3.41	66.73 2.96	56.49 1.46	56.64 2.68	63.21 3.03	58.02 1.93
INTERNATIONAL POLITICS (0.50)	9.27 S.E. 1.34	4.75 1.20	4.11 0.95	8.82 1.90	8.42 1.38	4.46 1.55	3.82 0.92	7.94 3.37	7.67 1.05	5.05 0.95	7.25 1.86	5.52 0.87
ECONOMICS (0.50)	49.30 S.E. 3.61	34.43 5.74	58.57 4.72	39.07 5.24	35.65 2.98	29.35 4.31	40.60 5.13	28.38 3.88	28.86 1.66	24.85 1.89	26.91 2.86	24.75 1.39
GEOGRAPHY (0.50)	21.05 S.E. 1.87	21.47 2.89	24.53 3.27	19.82 2.10	15.24 1.61	12.46 2.07	18.09 3.04	15.75 2.01	15.99 1.22	15.35 1.87	15.14 2.11	16.60 1.16
SOCIOLOGY/PSYCHOLOGY (0.50)	35.89 S.E. 1.88	19.52 2.68	22.88 1.94	32.09 4.02	40.48 1.49	16.70 2.69	27.12 2.27	26.92 1.97	39.62 1.45	19.30 1.48	32.83 3.63	26.93 1.17
WORLD HIST+U.S. HIST (2.00)	49.93 S.E. 2.70	22.56 2.94	43.46 4.64	29.22 2.95	44.62 2.29	29.04 3.68	45.05 4.19	26.12 2.89	33.46 1.46	20.42 1.83	37.37 3.44	19.45 1.42
WORLD HIST+U.S. HIST+CIVICS (2.50)	40.68 S.E. 2.75	17.34 3.11	43.46 4.70	20.78 3.53	33.14 2.40	18.66 2.25	35.01 3.11	17.20 2.19	20.57 1.30	10.34 1.52	25.19 3.70	11.24 1.01

4-136

Table 31. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Student Program (Continued)

COURSES TAKEN	PERCENT S.E.	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES					
		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)		2.30	0.25	0.69	0.36	1.93	0.46	0.94	0.50	0.85	0.31	1.51	0.37
		0.62	0.19	0.29	0.18	0.38	0.16	0.36	0.18	0.19	0.16	0.81	0.15

Table 32. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990 and 1987 by Community Type

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				
	PERCENT S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY SOCIAL STUDIES (1.00)	99.89 0.07	99.81	99.91	99.91	99.75	99.94	99.70	99.93	99.74 0.10
ANY HISTORY (1.00)	99.19 0.22	97.91 1.22	94.30 1.71	97.68 1.37	97.98 1.05	98.80 0.22	99.34 0.25	98.50 0.31	98.50 0.31
U. S. HISTORY (1.00)	90.07 3.04	83.59 3.56	76.99 5.16	90.65 2.75	88.31 4.96	90.62 3.26	88.31 3.47	87.26 4.14	87.26 4.14
AP/HONORS AMERICAN HISTORY (1.00)	10.67 3.83	6.86 1.37	4.49 0.96	2.19 0.49	4.15 1.15	5.62 0.71	2.64 0.81	0.59 0.17	0.59 0.17
WORLD HISTORY (1.00)	57.73 7.55	57.93 4.53	52.62 7.78	45.19 3.76	59.05 4.94	40.06 2.96	44.23 4.17	40.99 4.21	40.99 4.21
AP/HONORS WORLD HISTORY (1.00)	1.76 1.02	0.29 0.22	0.00 0.00	0.06 0.06	0.46 0.33	0.63 0.31	0.43 0.14	0.04 0.03	0.04 0.03
NON-WESTERN HISTORY (0.50)	11.80 4.99	6.86 2.63	4.31 3.47	8.00 2.71	10.20 4.72	9.07 2.55	7.17 3.62	8.61 5.13	8.61 5.13
WESTERN HISTORY/CIVILIZATION (0.50)	8.72 4.58	13.44 2.09	9.15 3.88	9.37 2.68	14.20 6.50	8.16 1.81	7.97 2.71	9.95 4.71	9.95 4.71
REMEDIAL/BELOW GRADE HIST (1.00)	2.34 0.81	2.46 0.86	1.02 0.67	3.72 1.72	3.40 0.82	2.52 0.44	2.05 0.35	4.75 1.55	4.75 1.55
CIVICS/AMERICAN POLITICS (0.50)	78.86 4.80	68.92 4.56	88.90 5.92	73.76 3.07	69.69 5.78	62.56 5.10	71.54 8.46	73.56 4.79	73.56 4.79
INTERNATIONAL POLITICS (0.50)	10.55 3.69	9.65 2.73	8.37 1.56	7.00 1.47	1.29 0.33	7.72 1.44	15.35 6.23	6.44 1.64	6.44 1.64
ECONOMICS (0.50)	62.78 6.00	44.41 6.15	39.96 10.00	46.94 4.67	39.02 5.44	31.02 3.73	38.11 8.47	32.60 4.65	32.60 4.65
GEOGRAPHY (0.50)	17.83 4.42	18.25 3.42	23.14 5.48	23.46 2.83	12.77 3.72	13.58 3.08	13.88 3.04	17.64 2.82	17.64 2.82
SOCIOLOGY/PSYCHOLOGY (0.50)	26.11 3.30	35.16 3.79	40.59 5.36	31.69 2.53	28.58 2.97	42.94 2.86	34.55 3.40	28.87 2.89	28.87 2.89



Table 32. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990 and 1987 by Community Type
(Continued)

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES			
	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
WORLD HIST+U.S. HIST (2.00)	54.51 7.38	47.58 5.11	44.10 8.25	41.52 3.87	51.31 5.14	36.28 3.57	37.63 4.58	37.67 4.12
WORLD HIST+U.S. HIST+CIVICS (2.50)	45.82 7.31	34.64 4.04	40.42 8.81	33.82 4.29	39.11 4.50	23.11 3.42	25.93 5.49	29.42 3.52
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	2.23 0.83	1.49 0.55	1.71 0.77	1.72 0.83	0.49 0.17	1.49 0.35	1.92 1.06	1.44 0.47

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 33. Percentage of Graduates Earning Indicated Minimum Credits (in College Units) in Social Study Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY SOCIAL STUDIES (1.00)	PERCENT S.E.	98.99 1.02	99.79 0.06	99.75 0.21	99.01 0.22	99.89 0.08
ANY HISTORY (1.00)	PERCENT S.E.	97.49 0.78	98.59 0.22	99.14 0.33	92.66 0.58	94.84 2.34
U. S. HISTORY (1.00)	PERCENT S.E.	86.93 2.05	87.74 2.22	83.79 4.80	75.83 1.21	77.87 3.29
AP/HONORS AMERICAN HISTORY (1.00)	PERCENT S.E.	4.69 0.79	2.65 0.31	4.74 1.87	1.81 0.30	2.40 0.73
WORLD HISTORY (1.00)	PERCENT S.E.	51.03 2.88	41.58 2.54	64.66 6.42	32.28 1.20	42.32 2.77
AP/HONORS WORLD HISTORY (1.00)	PERCENT S.E.	0.12 0.07	0.36 0.11	0.00 0.00	0.28 0.09	1.33 0.75
NON-WESTERN HISTORY (0.50)	PERCENT S.E.	7.62 2.00	8.62 2.32	9.97 4.42	7.25 0.72	7.25 1.16
WESTERN HISTORY/CIVILIZATION (0.50)	PERCENT S.E.	9.32 1.87	9.03 2.01	16.48 5.26	9.88 0.83	22.97 4.41
REMEDIATION/BELONGING GRADE HIST (1.00)	PERCENT S.E.	3.07 0.94	3.75 0.72	1.27 0.63	1.81 0.36	0.22 0.11
CIVICS/AMERICAN POLITICS (0.50)	PERCENT S.E.	76.19 1.99	71.65 2.46	49.68 7.77	58.43 1.54	48.97 2.93
INTERNATIONAL POLITICS (0.50)	PERCENT S.E.	8.20 1.28	7.19 1.72	9.63 2.18	6.23 0.76	8.06 3.11
ECONOMICS (0.50)	PERCENT S.E.	49.62 3.62	35.53 3.40	18.50 3.64	26.86 1.38	24.43 2.28
GEOGRAPHY (0.50)	PERCENT S.E.	22.15 1.94	15.73 1.75	10.28 3.31	16.51 1.00	12.15 1.29
SOCIOLOGY/PSYCHOLOGY (0.50)	PERCENT S.E.	32.69 1.79	33.21 1.76	38.60 5.35	30.46 1.10	37.45 2.90
WORLD HIST+U.S. HIST (2.00)	PERCENT S.E.	45.03 2.87	37.49 2.60	55.42 7.57	25.40 1.06	35.09 4.39
WORLD HIST+U.S. HIST+CIVICS (2.50)	PERCENT S.E.	36.75 2.93	28.73 2.37	25.92 5.89	15.10 0.88	20.99 3.25

Table 33. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)
(Continued)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
WORLD&U.S. HIST+CIVICS+INT. POL (3.00)	1.74	1.67	1.16	3.57	0.58	0.98
	0.51	0.61	0.25	1.92	0.14	0.54
	PERCENT		PERCENT		PERCENT	
	S.E.		S.E.		S.E.	

Table 34. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES				
	PERCENT S.E.	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST
ANY SOCIAL STUDIES (1.00)	99.52 0.45	99.92 0.04	99.96 0.03	99.71 0.19	99.72 0.13	99.81 0.13	99.80 0.15	99.82 0.07	97.92 0.82	99.21 0.31	99.67 0.13	99.53 0.26	
ANY HISTORY (1.00)	98.90 0.67	99.51 0.11	93.97 2.42	97.68 1.64	99.28 0.23	98.77 0.48	98.00 0.43	98.67 0.29	91.13 1.22	95.50 1.05	92.34 0.91	91.43 1.68	
U. S. HISTORY (1.00)	88.33 2.47	90.32 2.70	83.14 3.91	85.76 5.61	72.87 6.78	89.54 4.51	91.36 1.93	95.08 0.86	62.75 2.75	83.95 1.85	79.12 2.00	74.24 3.32	
AP/HONORS AMERICAN HISTORY (1.00)	6.61 1.35	4.60 1.09	1.41 0.38	8.28 2.67	3.66 0.79	2.62 0.59	1.22 0.37	4.86 0.85	2.43 0.61	1.20 0.20	2.27 0.70	1.67 0.55	
WORLD HISTORY (1.00)	34.82 4.56	57.72 5.18	47.12 4.96	63.35 7.65	41.16 4.08	52.66 4.48	37.50 4.19	42.02 4.53	33.82 2.78	41.75 1.84	27.26 2.18	27.65 3.00	
AP/HONORS WORLD HISTORY (1.00)	1.00 0.95	0.16 0.11	0.00 0.00	0.48 0.35	0.00 0.00	0.96 0.30	0.11 0.06	0.02 0.02	0.14 0.10	0.43 0.21	0.46 0.27	0.55 0.37	
NON-WESTERN HISTORY (0.50)	21.45 6.24	0.70 0.31	2.12 1.48	12.87 6.12	26.35 8.78	1.03 0.70	6.06 1.70	4.57 3.21	18.27 1.97	2.78 0.42	5.21 1.41	3.90 1.35	
WESTERN HISTORY/CIVILIZATION (0.50)	28.08 6.14	6.48 2.29	4.25 0.98	5.91 2.77	27.90 8.71	3.72 1.01	2.53 0.81	9.21 2.49	26.51 2.66	3.84 0.85	10.03 1.73	6.21 1.37	
REMEDIAL/BELOW GRADE HIST (1.00)	2.63 1.08	4.66 2.43	0.90 0.19	2.80 1.07	3.76 1.92	3.39 0.95	3.25 1.25	3.82 0.86	2.08 0.87	1.37 0.46	1.91 0.66	1.08 0.39	
CIVICS/AMERICAN POLITICS (0.50)	43.76 4.16	83.34 3.52	81.28 3.66	86.06 5.28	35.35 3.76	76.35 5.38	79.31 2.82	84.38 7.24	30.88 3.26	61.16 3.07	65.08 2.22	73.87 3.11	
INTERNATIONAL POLITICS (0.50)	9.05 1.93	4.21 1.30	11.27 2.14	10.68 4.34	6.93 1.50	4.88 1.78	8.73 2.04	7.88	5.68 1.13	5.36 1.13	7.00 1.10	8.48 2.21	
ECONOMICS (0.50)	29.29 6.85	63.74 5.77	36.84 5.29	55.24 8.76	20.76 4.38	46.58 7.36	26.03 3.14	41.05 8.34	17.94 2.19	30.91 2.56	31.80 2.86	21.29 2.12	
GEOGRAPHY (0.50)	6.41 2.15	31.52 3.66	21.59 2.52	19.45 5.44	2.86 0.86	21.24 3.80	19.27 2.63	13.64 2.21	6.62 1.23	17.72 1.65	16.57 1.80	25.16 3.84	
SOCIOLOGY/PSYCHOLOGY (0.50)	27.00 5.31	27.58 2.15	48.86 3.97	26.31 5.96	33.41 3.84	28.46 2.48	44.01 2.66	26.63 2.55	28.81 2.88	24.27 1.69	40.03 1.69	32.00 1.60	
WORLD HIST+U.S. HIST (2.00)	30.90 4.09	52.33 5.32	41.40 5.05	54.05 7.06	33.41 4.08	47.57 5.71	34.06 3.62	40.34 4.30	24.27 2.30	34.02 1.52	22.26 2.22	22.53 2.94	
WORLD HIST+U.S. HIST+CIVICS (2.50)	13.79 2.24	47.55 5.42	32.21 5.76	48.26 7.52	11.22 4.69	37.65 5.19	28.59 2.83	33.81 7.12	9.62 2.02	23.53 1.25	12.15 1.45	15.90 2.10	

Table 34. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Social Study Courses in 1990, 1987, and 1982 by Region (Continued)

COURSES TAKEN	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES		
	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL WEST	NORTH EAST	SOUTH CENTRAL WEST	NORTH CENTRAL WEST	NORTH EAST	SOUTH CENTRAL WEST	NORTH CENTRAL WEST
WORLD&U.S. HIST+CIVICS*INT. POL (3.00)	0.34	1.40	1.61	0.99	1.39	2.16	0.27	0.59	0.81
S.E.	0.09	0.41	0.55	0.69	0.53	0.56	0.16	0.32	0.33

Table 35. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S.E.	99.57 0.11	99.36 0.17	97.45 0.51		
ANY MATHEMATICS (1.00)						
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT S.E.	23.62 1.57	24.88 1.26	32.68 0.73		
ALGEBRA I (1.00)	PERCENT S.E.	77.26 1.19	76.28 0.82	65.13 0.82		
ALGEBRA II (0.50)	PERCENT S.E.	49.24 1.42	47.12 1.81	35.08 0.87		
GEOMETRY (1.00)	PERCENT S.E.	64.68 1.30	61.48 0.94	45.73 0.79		
TRIGONOMETRY (0.50)	PERCENT S.E.	18.36 1.27	19.02 1.52	12.04 0.64		
ANALYSIS/PRECALCULUS (0.50)	PERCENT S.E.	13.53 0.96	12.79 0.94	5.77 0.36		
CALCULUS (1.00)	PERCENT S.E.	6.60 0.46	6.17 0.41	4.71 0.40		
AP CALCULUS (1.00)	PERCENT S.E.	4.19 0.45	3.39 0.42	1.53 0.28		
STATISTICS/PROBABILITY (0.50)	PERCENT S.E.	0.96 0.21	0.36 0.17	0.33 0.09		
ALGEBRA I+ALGEBRA II (1.50)	PERCENT S.E.	39.82 1.39	38.57 1.49	26.57 0.70		
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT S.E.	35.44 1.30	34.48 1.37	21.50 0.67		
ALG. I&II+GEOM.+TRIG. (3.00)	PERCENT S.E.	8.57 0.65	10.24 0.95	4.89 0.36		
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT S.E.	0.63 0.11	0.78 0.17	0.39 0.10		
ALG. II+GEOMETRY (1.50)	PERCENT S.E.	44.02 1.39	42.43 1.70	27.49 0.76		
ALG. II+GEOM.+TRIG. (2.00)	PERCENT S.E.	12.53 0.98	14.68 1.34	7.20 0.43		
ALG. II+GEOM.+TRIG.+CALC (3.00)	PERCENT S.E.	2.16 0.29	2.39 0.37	0.96 0.13		

Table 36. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
	PERCENT S.E.	PERCENT S.E.	PERCENT S.E.	PERCENT S.E.	PERCENT S.E.	PERCENT S.E.
ANY MATHEMATICS (1.00)	99.69 0.09	99.43 0.17	99.43 0.14	99.29 0.22	97.29 0.36	97.62 0.41
REMEDIAL/BELOW GRADE MATH (1.00)	21.72 1.51	25.73 1.71	23.24 1.18	26.69 1.45	29.64 0.98	35.92 0.99
ALGEBRA I (1.00)	78.76 1.35	75.56 1.15	77.21 0.87	75.34 0.93	66.81 0.96	63.34 1.22
ALGEBRA II (0.50)	50.53 1.53	47.83 1.54	48.40 1.91	45.78 1.88	34.90 1.19	35.27 1.23
GEOMETRY (1.00)	65.35 1.29	63.88 1.50	61.72 1.02	61.19 1.17	46.38 1.09	45.04 1.24
TRIGONOMETRY (0.50)	18.34 1.28	18.43 1.39	17.83 1.35	20.25 1.79	11.27 0.70	12.87 0.84
ANALYSIS/PRECALCULUS (0.50)	12.87 0.94	14.27 1.15	11.63 0.86	14.00 1.13	5.55 0.47	6.01 0.45
CALCULUS (1.00)	5.63 0.37	7.68 0.63	4.71 0.36	7.69 0.57	4.18 0.50	5.27 0.58
AP CALCULUS (1.00)	3.38 0.37	5.09 0.59	2.75 0.39	4.02 0.50	1.34 0.29	1.73 0.34
STATISTICS/PROBABILITY (0.50)	0.78 0.20	1.16 0.28	0.36 0.19	0.33 0.15	0.21 0.09	0.46 0.15
ALGEBRA I+ALGEBRA II (1.50)	41.18 1.60	38.32 1.40	39.75 1.57	37.37 1.57	26.07 0.98	27.10 1.19
ALGEBRA I&II+GEOMETRY (2.50)	36.40 1.45	34.38 1.58	35.11 1.46	33.85 1.50	20.83 0.93	22.21 1.11
ALG. I&II+GEOM.+TRIG. (3.00)	8.64 0.76	8.51 0.69	9.62 0.83	10.91 1.23	4.28 0.44	5.55 0.51
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	0.52 0.10	0.74 0.14	0.59 0.15	0.99 0.23	0.33 0.10	0.46 0.17
ALG. II+GEOMETRY (1.50)	44.96 1.45	42.99 1.56	43.31 1.82	41.50 1.77	27.07 1.05	27.94 1.15
ALG. II+GEOM.+TRIG. (2.00)	12.36 1.01	12.74 1.06	14.14 1.25	15.21 1.56	6.35 0.49	8.12 0.61

Table 36. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Gender (Continued)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ALG. II+GEOM.+TRIG.+CALC (3.00)	1.84	2.50	1.90	2.86	0.73	1.21
PERCENT S.E.	0.25	0.38	0.32	0.44	0.14	0.25

Table 37. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN	1990 GRADUATES						1987 GRADUATES						1982 GRADUATES										
	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER						
	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	S.E.	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	S.E.	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	S.E.					
ANY MATHEMATICS (1.00)	99.67	98.70	99.78	99.85	100.00	99.85	99.33	99.45	99.41	100.00	99.35	99.32	97.68	97.77	95.47	99.26	96.65	0.31	0.89	0.76	0.53	1.39	
REMEDIAL/BELOW GRADE MATH (1.00)	19.96	35.39	38.33	19.92	37.68	22.01	20.57	46.67	42.47	16.32	40.74	18.68	27.51	53.17	46.96	19.38	47.68	0.80	2.25	1.60	2.37	6.60	
ALGEBRA I (1.00)	77.20	77.64	81.43	71.59	72.19	74.47	77.65	70.69	73.12	68.45	77.95	77.12	68.06	57.52	55.14	66.21	50.83	1.04	2.37	1.28	3.44	5.22	
ALGEBRA II (0.50)	52.41	38.95	38.61	59.47	47.29	37.10	51.85	32.44	30.23	67.15	28.45	36.01	38.71	24.20	20.79	56.35	21.20	1.04	1.78	1.37	4.31	4.31	
GEOMETRY (1.00)	67.15	56.32	54.43	72.05	54.50	63.28	65.08	44.04	40.16	81.39	48.40	66.87	51.23	28.50	25.80	64.26	28.77	0.87	1.83	1.40	2.42	4.60	
TRIGONOMETRY (0.50)	19.61	14.05	10.99	35.20	15.55	9.38	20.90	10.87	9.94	42.13	6.50	15.55	13.65	5.97	6.37	28.17	4.32	1.75	0.72	0.87	2.72	1.30	
ANALYSIS/PRECALCULUS (0.50)	15.01	6.16	7.26	25.54	8.45	14.40	13.48	5.11	7.38	39.64	7.54	14.00	6.66	2.23	2.99	13.72	1.22	1.07	0.79	1.06	6.24	1.84	2.75
CALCULUS (1.00)	7.02	2.76	3.91	18.58	6.05	7.08	5.86	2.29	3.61	29.83	3.16	9.12	5.51	1.77	1.77	13.19	2.56	0.53	0.36	0.34	2.09	1.28	
AP CALCULUS (1.00)	4.27	1.17	3.03	15.61	4.18	5.56	2.82	1.42	2.59	23.95	1.32	5.34	1.65	0.27	0.44	5.64	0.05	0.52	0.34	0.59	4.77	0.72	1.40
STATISTICS/PROBABILITY (0.50)	0.96	1.11	0.87	1.50	0.22	0.19	0.37	0.02	0.05	0.24	0.00	1.06	0.40	0.04	0.09	0.56	0.31	0.23	0.44	0.06	0.21	0.00	0.92
ALGEBRA I+ALGEBRA II (1.50)	41.89	34.63	33.54	42.35	37.68	28.70	42.65	28.15	25.56	44.55	25.78	27.82	29.28	19.61	15.98	35.24	14.81	1.68	0.84	2.06	1.15	3.64	4.10
ALGEBRA I&II+GEOMETRY (2.50)	37.56	29.21	30.13	38.01	29.55	26.11	38.39	24.78	20.59	41.27	21.49	24.64	24.26	13.78	10.77	29.75	12.58	1.60	0.80	1.59	0.96	3.89	3.79
ALG. I&II+GEOM.+TRIG. (3.00)	9.17	6.49	6.33	13.21	6.16	5.09	11.96	5.42	4.95	18.17	2.36	4.67	5.61	1.99	3.18	7.72	1.23	0.76	1.24	1.16	0.75	1.25	0.70
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	0.58	0.73	0.50	2.11	0.00	0.22	0.85	0.25	0.45	4.22	0.30	0.20	0.46	0.21	0.14	0.47	0.00	0.11	0.28	0.17	0.19	0.13	0.00
ALG. I+II+GEOMETRY (1.50)	47.24	32.88	34.49	53.21	37.84	33.70	46.98	28.59	24.29	62.40	23.52	32.73	31.27	16.09	13.16	41.62	15.92	1.62	0.95	1.43	1.04	4.19	3.73
ALG. I+II+GEOM.+TRIG. (2.00)	13.60	8.05	8.61	21.53	10.32	7.83	16.87	8.03	7.44	31.06	3.52	6.95	8.27	2.96	3.94	14.93	2.69	1.13	1.31	1.45	2.62	3.33	2.50

Table 37. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Race/Ethnicity
(Continued)

COURSES TAKEN	PERCENT S.E.	1990 GRADUATES					1987 GRADUATES					1982 GRADUATES						
		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ALG. II+GEOM.+TRIG.+CALC (3.00)		2.28	1.06	1.54	6.45	3.15	0.78	2.34	1.21	2.18	14.46	1.03	0.89	1.13	0.23	0.50	2.47	0.80
		0.32	0.32	0.47	1.59	2.23	0.33	0.58	0.55	0.58	4.59	0.79	0.58	0.17	0.09	0.17	1.17	0.00

Table 38. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES				
	PERCENT S.E.	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY MATHEMATICS (1.00)	99.99 0.01	98.86	100.00	97.45	99.99 0.01	98.73	99.81	97.58	99.97 0.03	96.28	99.88	94.68	0.83
REMEDIAL/BELOW GRADE MATH (1.00)	17.33 1.16	49.43	32.61	34.93	15.58 1.00	43.39	37.84	36.02	22.64 0.85	45.54	39.02	37.19	1.07
ALGEBRA I (1.00)	81.02 0.93	62.32	83.47	61.64	81.28 0.86	64.91	80.42	66.20	76.72 1.05	55.42	72.22	55.18	1.45
ALGEBRA II (0.50)	61.45 1.75	9.12	36.99	17.58	65.07 2.16	11.44	39.32	17.68	58.30 1.08	11.49	38.27	18.86	0.89
GEOMETRY (1.00)	77.91 1.02	18.86	53.15	30.50	80.84 0.97	21.57	56.12	29.38	73.60 1.08	17.12	50.08	26.34	0.90
TRIGONOMETRY (0.50)	24.70 1.63	0.37	8.90	2.61	29.02 2.16	1.37	8.78	3.75	24.46 1.24	1.07	8.54	3.36	0.39
ANALYSIS/PRECALCULUS (0.50)	18.70 1.35	0.23	3.81	1.35	20.09 1.44	0.35	4.62	1.65	11.81 0.69	0.50	4.43	1.45	0.33
CALCULUS (1.00)	9.32 0.64	0.00	1.32	0.13	9.98 0.64	0.00	1.22	0.43	10.58 0.84	0.18	1.74	0.46	0.17
AP CALCULUS (1.00)	5.92 0.62	0.00	0.75	0.13	5.44 0.70	0.00	0.73	0.34	3.37 0.58	0.05	0.65	0.23	0.12
STATISTICS/PROBABILITY (0.50)	1.25 0.28	0.19	0.46	0.25	0.57 0.26	0.00	0.08	0.07	0.51 0.14	0.00	1.24	0.15	0.07
ALGEBRA I+ALGEBRA II (1.50)	49.90 1.52	7.19	33.75	10.42	52.77 1.75	10.30	36.20	13.54	46.07 1.11	8.12	32.55	11.76	0.69
ALGEBRA I&II+GEOMETRY (2.50)	45.55 1.44	3.68	27.08	7.14	49.24 1.66	4.97	31.44	8.83	40.75 1.26	3.66	26.13	6.90	0.59
ALG. I&II+GEOM.+TRIG. (3.00)	11.73 0.91	0.24	3.69	0.48	15.88 1.38	0.33	6.09	0.81	10.79 0.79	0.29	3.04	0.49	0.13
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	0.88 0.15	0.00	0.16	0.00	1.29 0.27	0.00	0.11	0.00	0.93 0.24	0.00	0.00	0.00	0.00
ALG. II+GEOMETRY (1.50)	56.29 1.70	4.67	29.81	13.09	61.05 2.07	5.86	34.36	11.58	50.86 1.34	4.77	30.26	10.74	0.69
ALG. II+GEOM.+TRIG. (2.00)	17.18 1.35	0.24	4.71	1.08	22.91 1.92	0.49	7.48	1.30	15.45 0.92	0.34	4.83	1.23	0.23

Table 38. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Student Program (Continued)

COURSES TAKEN	PERCENT S. E.	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES					
		ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ALG. II+GEOM.+TRIG.+CALC (3.00)		3.07	0.00	0.31	0.00	3.89	0.00	0.62	0.00	2.29	0.00	0.11	0.00
		0.42	0.00	0.13	0.00	0.57	0.00	0.26	0.00	0.33	0.00	0.11	0.00

Table 39. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990 and 1987 by Community Type

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES			
	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY MATHEMATICS (1.00)	99.54 PERCENT S.E.	99.72 0.14	99.59 0.21	99.48 0.21	99.64 0.10	98.91 0.57	99.65 0.09	99.48 0.13
REMEDIAL/BELOW GRADE MATH (1.00)	21.84 PERCENT S.E.	20.14 2.26	25.48 3.32	25.59 2.77	28.38 2.61	20.30 2.38	24.12 2.65	27.11 1.79
ALGEBRA I (1.00)	74.09 PERCENT S.E.	78.74 1.78	78.36 2.21	77.11 2.07	72.50 2.25	75.56 1.10	76.04 1.87	78.14 1.46
ALGEBRA II (0.50)	52.78 PERCENT S.E.	46.85 3.17	47.24 4.70	49.98 2.26	37.18 3.49	51.72 2.56	50.49 3.79	46.14 3.85
GEOMETRY (1.00)	66.75 PERCENT S.E.	71.73 2.13	63.65 4.13	60.46 2.03	58.83 3.06	67.41 1.78	62.35 2.98	58.01 2.02
TRIGONOMETRY (0.50)	27.02 PERCENT S.E.	23.00 2.82	20.23 3.15	12.78 1.28	19.13 2.73	25.77 2.86	21.39 2.34	13.51 2.49
ANALYSIS/PRECALCULUS (0.50)	14.54 PERCENT S.E.	17.12 1.88	13.50 2.48	11.26 1.39	14.84 2.29	13.91 1.95	15.11 2.77	10.49 1.33
CALCULUS (1.00)	10.02 PERCENT S.E.	8.12 0.93	6.00 0.71	4.90 0.68	7.33 1.66	9.09 1.10	5.49 0.72	4.02 0.47
AP CALCULUS (1.00)	7.60 PERCENT S.E.	6.12 0.85	4.62 0.85	2.01 0.44	5.18 1.47	5.87 1.02	2.44 0.48	1.42 0.50
STATISTICS/PROBABILITY (0.50)	1.90 PERCENT S.E.	1.17 0.38	0.00 0.00	0.81 0.32	0.79 0.72	0.36 0.27	0.19 0.16	0.27 0.19
ALGEBRA I+ALGEBRA II (1.50)	38.35 PERCENT S.E.	37.64 2.07	38.82 4.04	41.70 2.53	26.44 2.40	39.89 1.93	41.27 3.69	40.82 3.40
ALGEBRA I&II+GEOMETRY (2.50)	33.85 PERCENT S.E.	35.94 2.05	35.42 4.59	35.65 2.24	24.40 2.32	36.61 2.01	36.98 3.54	35.55 3.28
ALG. I&II+GEOM.+TRIG. (3.00)	11.33 PERCENT S.E.	9.46 1.45	9.85 2.51	6.94 0.87	6.42 1.16	12.63 1.53	12.13 1.40	9.22 1.89
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	0.69 PERCENT S.E.	0.56 0.21	0.44 0.14	0.69 0.20	0.40 0.20	1.03 0.22	0.71 0.28	0.77 0.39

Table 39. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990 and 1987 by Community Type (Continued)

COURSES TAKEN	1990 GRADUATES					1987 GRADUATES						
	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ALG. II+GEOMETRY (1.50)	46.97 3.30	44.60 3.11	43.46 5.19	42.96 2.14	34.69 3.41	47.50 2.59	45.75 3.71	40.40 3.72				
ALG. II+GEOM.+TRIG. (2.00)	19.87 3.30	13.50 2.30	13.65 3.30	9.53 1.15	12.03 2.69	19.58 2.39	16.26 1.57	11.66 2.49				
ALG. II+GEOM.+TRIG.+CALC (3.00)	5.05 1.35	1.51 0.45	1.55 0.49	1.80 0.44	1.74 0.38	4.50 1.13	1.48 0.35	1.48 0.60				

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 40. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY MATHEMATICS (1.00)	99.54 S.E. 0.12	99.81 0.15	99.30 0.19	99.94 0.05	97.19 0.34	99.66 0.25
REMEDIAL/BELOW GRADE MATH (1.00)	25.04 S.E. 1.72	9.79 1.26	26.77 1.24	7.09 1.78	34.48 0.67	17.57 3.37
ALGEBRA I (1.00)	76.39 S.E. 1.29	85.71 1.96	75.46 0.81	83.98 3.58	63.10 0.86	82.18 1.66
ALGEBRA II (0.50)	47.81 S.E. 1.46	63.07 3.29	44.97 2.05	67.47 5.04	33.04 0.83	52.14 3.84
GEOMETRY (1.00)	62.54 S.E. 1.37	85.49 1.98	58.91 1.01	85.79 2.07	42.13 0.77	75.97 3.15
TRIGONOMETRY (0.50)	17.45 S.E. 1.37	27.28 3.88	18.03 1.54	28.37 3.95	10.93 0.52	21.38 3.77
ANALYSIS/PRECALCULUS (0.50)	12.30 S.E. 1.12	25.41 3.36	11.67 0.95	23.43 3.10	5.00 0.36	12.21 1.59
CALCULUS (1.00)	6.29 S.E. 0.48	9.67 1.34	5.65 0.36	11.11 2.36	3.81 0.33	12.24 2.55
AP CALCULUS (1.00)	3.89 S.E. 0.46	7.10 1.41	3.15 0.39	5.62 1.35	1.34 0.28	3.15 1.36
STATISTICS/PROBABILITY (0.50)	0.80 S.E. 0.20	2.57 1.02	0.28 0.13	1.15 1.14	0.24 0.09	1.06 0.47
ALGEBRA I+ALGEBRA II (1.50)	38.29 S.E. 1.46	54.66 3.15	36.70 1.71	56.20 5.91	24.40 0.69	44.75 3.42
ALGEBRA I&II+GEOMETRY (2.50)	33.82 S.E. 1.34	51.19 3.35	32.51 1.57	53.08 5.68	19.22 0.62	40.58 2.93
ALG. I&II+GEOM.+TRIG. (3.00)	8.27 S.E. 0.69	11.48 2.16	9.66 0.96	15.64 2.78	4.46 0.37	8.54 2.20
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	0.64 S.E. 0.12	0.53 0.15	0.71 0.18	1.43 0.43	0.27 0.07	1.39 0.69
ALG. II+GEOMETRY (1.50)	42.51 S.E. 1.41	58.63 3.43	40.21 1.91	63.42 4.88	25.20 0.67	46.68 3.37
ALG. II+GEOM.+TRIG. (2.00)	12.37 S.E. 1.07	14.05 2.26	14.22 1.39	19.02 3.49	6.74 0.43	11.08 2.22

Table 40. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic) (Continued)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ALG. II+GEOM.+TRIG.+CALC (3.00)	2.27	1.03	2.47	1.61	0.83	2.07
S.E.	0.33	0.23	0.41	0.48	0.13	0.55

Table 41. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES							
		NORTH		SOUTH		NORTH		NORTH		SOUTH		NORTH		SOUTH		NORTH		SOUTH		NORTH	
		EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	WEST
ANY MATHEMATICS (1.00)	PERCENT S.E.	99.55 0.14	99.48 0.28	99.71 0.11	99.52 0.20	99.09 0.18	99.74 0.04	98.97 0.58	99.70 0.13	95.93 1.07	98.56 0.37	97.45 0.61	97.48 0.40								
REMEDIAL/BELOW GRADE MATH (1.00)	PERCENT S.E.	23.45 2.06	26.32 3.46	18.63 2.94	26.01 2.01	18.22 1.69	30.91 2.48	22.65 3.02	26.40 2.14	35.40 1.75	38.96 1.35	26.22 1.57	28.48 1.90								
ALGEBRA I (1.00)	PERCENT S.E.	74.72 2.25	80.16 1.55	76.72 3.12	75.81 2.29	79.51 1.75	73.65 1.72	77.07 1.11	75.52 1.44	58.36 2.40	64.54 0.94	70.68 1.50	65.85 1.59								
ALGEBRA II (0.50)	PERCENT S.E.	46.50 3.25	55.01 1.96	44.86 3.04	48.37 3.20	47.08 6.39	49.72 2.61	44.32 1.92	47.22 4.56	39.14 1.87	36.37 1.41	32.48 1.89	31.57 2.29								
GEOMETRY (1.00)	PERCENT S.E.	72.05 1.88	63.99 2.24	62.06 2.92	61.47 2.78	72.20 1.71	56.88 1.91	59.27 2.20	59.68 2.36	48.12 2.21	40.84 1.58	49.79 1.36	44.41 1.87								
TRIGONOMETRY (0.50)	PERCENT S.E.	18.47 2.52	17.87 1.38	18.72 3.32	18.60 3.35	19.46 5.03	18.91 1.73	19.13 2.36	18.51 2.63	15.47 1.21	10.03 0.82	12.37 0.99	10.46 1.32								
ANALYSIS/PRECALCULUS (0.50)	PERCENT S.E.	21.09 2.19	10.31 1.17	12.03 1.96	12.85 2.34	14.11 1.91	8.82 1.49	13.71 1.34	16.45 2.73	7.91 1.17	3.77 0.65	6.37 0.81	5.48 0.80								
CALCULUS (1.00)	PERCENT S.E.	12.29 1.22	4.79 0.53	3.95 0.58	7.16 1.33	10.96 0.93	4.83 0.97	4.07 0.40	5.91 1.33	11.01 1.51	2.66 0.52	2.57 0.29	3.57 0.62								
AP CALCULUS (1.00)	PERCENT S.E.	7.45 1.38	3.16 0.37	1.78 0.54	5.71 1.27	5.52 1.39	3.00 0.72	1.37 0.37	4.66 1.28	3.64 1.00	0.88 0.32	0.62 0.19	1.45 0.48								
STATISTICS/PROBABILITY (0.50)	PERCENT S.E.	1.41 0.63	1.05 0.37	0.92 0.36	0.38 0.20	0.29 0.21	0.36 0.38	0.57 0.36	0.11 0.10	0.52 0.27	0.04 0.03	0.60 0.23	0.15 0.12								
ALGEBRA I+ALGEBRA II (1.50)	PERCENT S.E.	35.77 3.11	47.16 1.81	35.56 3.31	37.56 2.87	39.07 4.91	40.71 2.02	36.86 1.68	37.04 4.27	27.96 1.68	29.07 1.20	25.48 1.38	21.81 1.58								
ALGEBRA I&II+GEOMETRY (2.50)	PERCENT S.E.	33.67 2.87	40.78 1.56	31.00 3.04	34.36 2.97	36.52 4.58	34.66 1.72	33.35 1.99	33.46 3.76	23.14 1.58	21.79 1.11	21.77 1.34	18.16 1.48								
A.G. I&II+GEOM.+TRIG. (3.00)	PERCENT S.E.	7.34 1.30	10.53 0.95	7.48 1.35	8.08 1.57	9.80 3.57	10.61 1.18	10.72 1.38	9.38 1.29	5.41 0.93	5.72 0.54	4.56 0.67	3.21 0.62								
ALG. I&II+GEOM.+TRIG.+CALC (4.00)	PERCENT S.E.	0.65 0.23	0.79 0.21	0.42 0.20	0.61 0.17	1.51 0.69	0.59 0.21	0.46 0.13	0.73 0.28	1.02 0.42	0.24 0.12	0.05 0.01	0.40 0.19								
ALG. II+GEOMETRY (1.50)	PERCENT S.E.	43.63 2.98	47.91 1.84	39.36 3.06	44.21 3.11	44.04 5.94	43.01 2.26	40.28 2.28	42.91 3.95	31.13 1.82	27.16 1.20	26.61 1.57	24.61 1.99								
ALG. II+GEOM.+TRIG. (2.00)	PERCENT S.E.	11.92 1.54	14.68 1.25	10.43 2.24	12.38 2.70	13.44 4.58	15.85 1.88	13.97 2.16	15.37 2.44	8.23 1.00	8.01 0.74	6.28 0.78	5.90 1.00								

Table 41. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Mathematics Courses in 1990, 1987, and 1982 by Region
(Continued)

COURSES TAKEN	1990 GRADUATES			1987 GRADUATES			1982 GRADUATES					
	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL WEST			
ALG. II+GEOM.+TRIG.+CALC (3.00)	3.03 0.60	2.02 0.38	1.30 0.48	2.61 0.99	3.29 1.11	1.85 0.34	1.46 0.37	3.67 1.40	2.04 0.40	0.80 0.19	0.27 0.05	0.99 0.41
	PERCENT											
	S.E.											

Table 42. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES			
	PERCENT S.E.	99.43 0.15	98.72 0.33	95.22 0.46	PERCENT S.E.	91.62 0.93	88.33 0.88	75.28 0.80
ANY SCIENCE (1.00)								
BIOLOGY (1.00)								
AP/HONORS BIOLOGY (1.00)								
CHEMISTRY (1.00)								
AP/HONORS CHEMISTRY (1.00)								
PHYSICS (1.00)								
AP/HONORS PHYSICS (1.00)								
ENGINEERING (1.00)								
ASTRONOMY (0.50)								
GEOLOGY (0.50)								
BIOLOGY+CHEMISTRY (2.00)								
BIOLOGY+CHEMISTRY+PHYSICS (3.00)								

Table 43. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ANY SCIENCE (1.00)	99.67 0.10	99.17 0.25	98.98 0.29	98.44 0.40	95.58 0.54	94.85 0.50
BIOLOGY (1.00)	92.71 0.91	90.40 1.02	89.65 0.67	87.04 1.18	77.11 0.86	73.32 1.08
AP/HONORS BIOLOGY (1.00)	5.40 0.92	4.47 0.65	2.71 0.38	2.84 0.48	7.12 0.74	6.08 0.54
CHEMISTRY (1.00)	50.37 1.35	48.78 1.40	43.66 1.19	45.91 1.29	30.03 1.03	31.66 1.14
AP/HONORS CHEMISTRY (1.00)	2.94 0.53	4.16 0.52	2.76 0.32	4.02 0.40	2.37 0.33	3.48 0.51
PHYSICS (1.00)	17.83 0.87	25.47 0.94	14.76 0.87	24.56 1.03	9.95 0.61	18.16 0.88
AP/HONORS PHYSICS (1.00)	1.58 0.31	2.58 0.49	0.91 0.20	2.47 0.45	0.72 0.18	1.43 0.21
ENGINEERING (1.00)	0.04 0.03	0.13 0.08	0.07 0.05	0.14 0.06	0.04 0.02	0.24 0.09
ASTRONOMY (0.50)	1.06 0.28	1.46 0.36	0.84 0.16	1.13 0.23	1.02 0.33	1.18 0.25
GEOLOGY (0.50)	24.53 2.54	26.22 2.45	14.07 1.92	15.61 1.75	13.04 0.94	14.77 1.16
BIOLOGY+CHEMISTRY (2.00)	49.11 1.36	47.20 1.39	42.31 1.19	43.68 1.34	28.13 0.93	27.91 1.12
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	16.04 0.77	22.08 0.81	12.92 0.76	20.83 0.91	7.96 0.51	13.25 0.64

Table 44. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN	1990 GRADUATES					1987 GRADUATES					1982 GRADUATES						
	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY SCIENCE (1.00)	PERCENT S.E.	99.52 0.15	98.96 0.66	99.26 0.26	99.80 0.20	99.44 0.24	98.73 0.41	98.68 0.42	98.48 0.62	99.38 0.33	98.57 0.81	98.64 0.44	95.79 0.49	95.35 1.18	91.58 1.07	95.33 1.27	93.35 2.47
BIOLOGY (1.00)	PERCENT S.E.	91.97 0.99	90.98 2.51	90.32 1.44	90.48 2.25	90.96 2.28	89.22 1.00	86.23 1.69	85.44 1.68	91.50 1.33	88.81 1.95	84.83 2.55	77.27 0.88	70.90 1.81	67.24 1.62	82.16 2.45	64.02 4.63
AP/HONORS BIOLOGY (1.00)	PERCENT S.E.	5.08 0.68	3.80 1.76	2.36 0.69	6.41 2.06	11.96 5.50	2.78 0.38	1.51 0.35	1.57 0.53	4.32 1.20	0.91 0.61	5.43 2.09	7.44 0.68	4.40 1.25	3.16 0.56	12.24 2.64	2.98 1.10
CHEMISTRY (1.00)	PERCENT S.E.	52.25 1.42	40.27 2.16	38.81 2.81	64.06 3.40	38.58 3.37	47.73 1.24	29.81 1.65	29.42 1.50	69.90 3.68	30.13 2.56	45.89 3.41	34.22 0.79	20.49 1.53	15.38 1.08	51.39 3.41	28.83 5.31
AP/HONORS CHEMISTRY (1.00)	PERCENT S.E.	3.76 0.58	2.47 0.94	1.15 0.38	7.71 1.78	4.77 1.37	3.52 0.43	1.16 0.26	2.27 0.56	13.91 2.04	0.83 0.48	3.09 0.54	3.31 0.44	1.63 0.50	1.43 0.36	5.66 1.77	1.10 0.61
PHYSICS (1.00)	PERCENT S.E.	23.05 0.90	14.52 1.91	12.95 1.33	38.36 3.16	18.93 2.88	20.86 0.95	10.13 1.09	9.81 1.05	47.13 4.38	11.48 2.90	20.88 2.42	15.96 0.71	6.89 0.85	5.56 0.60	33.81 3.64	7.24 1.77
AP/HONORS PHYSICS (1.00)	PERCENT S.E.	2.11 0.39	0.73 0.34	0.99 0.38	5.92 2.57	2.72 1.35	1.67 0.27	0.39 0.14	0.82 0.27	5.66 1.51	1.82 0.75	2.88 1.72	1.17 0.20	0.93 0.30	0.37 0.14	3.51 1.34	0.00 0.00
ENGINEERING (1.00)	PERCENT S.E.	0.07 0.04	0.14 0.10	0.00 0.00	0.00 0.00	0.32 0.33	0.05 0.02	0.44 0.38	0.08 0.07	0.43 0.21	0.00 0.00	0.00 0.00	0.15 0.06	0.14 0.14	0.08 0.07	0.00 0.00	0.00 0.00
ASTRONOMY (0.50)	PERCENT S.E.	1.42 0.37	0.40 0.20	1.07 0.50	0.67 0.34	2.17 1.31	0.94 0.18	0.32 0.19	0.76 0.21	0.67 0.32	0.70 0.51	2.53 1.04	1.33 0.33	0.39 0.24	0.53 0.21	0.00 0.00	0.00 0.00
GEOLOGY (0.50)	PERCENT S.E.	28.25 3.03	15.77 2.51	14.19 3.12	15.63 1.94	30.61 7.96	14.41 2.19	18.82 2.70	11.76 1.81	13.29 3.68	13.42 2.41	16.01 5.92	14.83 1.16	10.25 1.28	11.20 1.23	11.26 2.82	14.33 2.88
BIOLOGY+CHEMISTRY (2.00)	PERCENT S.E.	50.91 1.43	39.62 2.19	36.80 2.61	60.50 2.94	37.59 3.36	46.01 1.29	28.63 1.69	28.15 1.44	66.03 3.90	27.81 2.43	43.11 3.71	31.33 0.70	18.31 1.39	13.94 1.03	46.93 3.22	20.16 3.69
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	PERCENT S.E.	20.66 0.82	12.06 1.26	10.17 1.20	33.79 2.39	15.98 2.56	17.92 0.82	8.78 1.07	8.23 0.80	42.37 4.36	8.37 2.47	17.53 2.39	12.13 0.49	4.62 0.72	3.89 0.45	27.26 3.21	6.35 1.69

Table 45. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES				
	PERCENT S.E.	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY SCIENCE (1.00)	100.00 0.00	97.26 1.01	99.89 0.07	99.89 0.07	97.40 0.81	99.97 0.02	97.24 0.68	99.97 0.04	95.11 1.37	99.80 0.06	91.92 0.95	99.54 0.45	90.79 1.02
BIOLOGY (1.00)	95.71 0.59	73.87 3.44	95.48 0.88	95.48 0.88	77.66 3.21	95.79 0.55	72.31 3.04	91.98 2.93	73.81 1.95	91.83 0.54	58.35 2.23	87.66 2.31	62.24 1.38
AP/HONORS BIOLOGY (1.00)	6.41 0.99	1.84 0.93	2.84 0.97	2.84 0.97	0.84 0.43	4.53 0.59	0.01 0.01	0.40 0.19	0.20 0.12	12.21 1.01	0.96 0.29	6.59 1.51	2.82 0.42
CHEMISTRY (1.00)	64.63 1.23	4.81 0.93	30.18 2.25	30.18 2.25	11.46 1.78	65.91 1.22	4.91 0.74	26.73 2.24	12.55 1.30	59.17 0.93	5.78 1.00	31.47 2.93	9.63 0.54
AP/HONORS CHEMISTRY (1.00)	4.84 0.65	0.00 0.00	1.59 0.87	1.59 0.87	0.04 0.03	5.39 0.51	0.03 0.03	0.69 0.24	0.47 0.28	6.35 0.82	0.03 0.02	1.74 0.62	0.45 0.15
PHYSICS (1.00)	29.32 0.99	1.41 0.67	7.38 1.08	7.38 1.08	2.47 0.68	30.69 1.25	0.90 0.38	8.46 1.28	1.44 0.49	29.97 1.03	1.42 0.46	10.44 1.98	1.69 0.24
AP/HONORS PHYSICS (1.00)	2.90 0.53	0.00 0.00	0.42 0.14	0.42 0.14	0.00 0.00	2.74 0.45	0.06 0.06	0.16 0.11	0.04 0.04	2.37 0.39	0.11 0.11	0.36 0.27	0.12 0.06
ENGINEERING (1.00)	0.08 0.04	0.00 0.00	0.17 0.11	0.17 0.11	0.05 0.04	0.14 0.07	0.00 0.00	0.09 0.09	0.04 0.03	0.21 0.09	0.14 0.10	0.10 0.10	0.05 0.05
ASTRONOMY (0.50)	1.45 0.35	0.48 0.39	1.04 0.44	1.04 0.44	0.83 0.37	1.19 0.22	0.50 0.27	0.77 0.26	0.71 0.18	1.45 0.31	0.83 0.71	1.41 0.80	0.77 0.29
GEOLOGY (0.50)	25.26 2.49	24.21 3.74	31.87 4.04	31.87 4.04	21.41 3.14	15.47 1.84	12.53 2.29	16.93 3.56	13.56 1.74	15.97 1.31	11.55 1.56	18.74 3.23	11.82 1.11
BIOLOGY+CHEMISTRY (2.00)	63.05 1.25	3.99 0.84	29.75 2.21	29.75 2.21	9.85 1.73	64.06 1.22	3.94 0.65	26.07 2.22	9.92 0.84	55.66 0.89	3.53 0.67	28.04 2.49	7.51 0.47
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	26.25 0.87	0.32 0.07	5.76 0.83	5.76 0.83	0.95 0.47	27.11 1.06	0.06 0.08	5.50 0.95	0.13 0.05	23.97 0.81	0.19 0.09	5.13 1.09	0.58 0.16

Table 46. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990 and 1987 by Community Type

COURSES TAKEN	1990 GRADUATES					1987 GRADUATES				
	PERCENT S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	PERCENT S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
ANY SCIENCE (1.00)	99.60 0.15	99.40 0.29	99.75 0.11	99.32 0.26	98.21 0.92	98.21 0.92	98.21 0.92	98.58 0.63	98.93 0.53	
BIOLOGY (1.00)	93.99 1.35	89.94 1.59	91.49 1.58	91.87 1.58	88.29 2.18	88.29 2.18	87.10 1.69	88.44 1.60	89.16 1.47	
AP/HONORS BIOLOGY (1.00)	5.83 2.26	3.88 0.95	4.19 0.84	5.51 1.30	2.56 0.51	2.56 0.51	3.91 0.97	4.03 1.16	1.65 0.40	
CHEMISTRY (1.00)	51.60 2.98	53.91 2.37	49.37 3.04	46.77 1.88	39.80 3.09	39.80 3.09	51.73 1.52	46.24 3.20	41.13 1.84	
AP/HONORS CHEMISTRY (1.00)	3.44 0.77	4.19 1.16	3.92 0.92	3.07 0.82	3.31 0.76	3.31 0.76	4.00 0.53	5.72 1.14	2.13 0.47	
PHYSICS (1.00)	22.46 2.05	24.26 1.36	21.58 2.98	19.64 1.10	18.80 2.23	18.80 2.23	22.51 1.33	17.75 1.66	18.35 1.61	
AP/HONORS PHYSICS (1.00)	4.77 1.60	2.00 0.50	2.35 0.69	1.19 0.46	1.80 0.27	1.80 0.27	2.03 0.68	2.84 0.68	0.95 0.32	
ENGINEERING (1.00)	0.21 0.12	0.08 0.04	0.00 0.00	0.07 0.07	0.35 0.31	0.35 0.31	0.06 0.03	0.00 0.00	0.08 0.04	
ASTRONOMY (0.50)	2.88 1.27	1.19 0.48	1.26 0.91	0.79 0.39	1.42 0.78	1.42 0.78	1.57 0.38	0.72 0.42	0.51 0.16	
GEOLOGY (0.50)	15.90 3.47	25.29 3.53	18.83 3.50	29.74 4.44	14.19 2.81	14.19 2.81	18.70 2.59	12.36 3.30	13.35 3.58	
BIOLOGY+CHEMISTRY (2.00)	49.87 3.04	51.71 2.44	48.93 2.98	45.64 1.86	37.87 3.08	37.87 3.08	49.09 1.81	44.69 3.18	39.92 1.88	
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	19.87 1.95	21.20 1.25	19.37 2.22	17.24 0.96	14.99 1.93	14.99 1.93	19.47 1.53	15.86 1.42	15.85 1.17	

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 47. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN	PERCENT S.E.	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY SCIENCE (1.00)		99.38 0.16	99.88 0.06	98.59 0.37	99.89 0.07	94.81 0.51	98.68 0.31
BIOLOGY (1.00)		91.07 1.03	96.99 0.48	87.48 0.96	96.41 1.23	73.43 0.86	90.80 1.81
AP/HONORS BIOLOGY (1.00)		5.08 0.80	3.93 0.86	2.23 0.31	8.05 1.95	6.52 0.57	7.45 1.71
CHEMISTRY (1.00)		47.85 1.37	67.00 2.68	41.99 1.05	70.90 3.23	28.63 0.58	49.21 3.32
AP/HONORS CHEMISTRY (1.00)		3.66 0.54	2.13 0.49	3.21 0.31	5.01 1.16	2.66 0.29	4.96 1.97
PHYSICS (1.00)		20.44 0.87	31.55 2.21	18.49 0.97	29.17 2.18	12.98 0.58	21.88 2.42
AP/HONORS PHYSICS (1.00)		1.93 0.40	3.18 0.78	1.35 0.22	4.69 1.74	1.03 0.15	1.41 0.63
ENGINEERING (1.00)		0.08 0.04	0.14 0.13	0.11 0.05	0.00 0.00	0.14 0.05	0.11 0.10
ASTRONOMY (0.50)		1.31 0.35	0.69 0.26	1.05 0.20	0.30 0.22	1.21 0.28	0.13 0.08
GEOLOGY (0.50)		25.64 2.68	22.12 4.08	15.19 2.17	11.64 4.08	14.44 1.05	9.23 2.06
BIOLOGY+CHEMISTRY (2.00)		46.46 1.37	65.30 2.63	40.19 1.15	69.29 3.16	25.81 0.58	46.57 3.60
BIOLOGY+CHEMISTRY+PHYSICS (3.00)		17.94 0.71	28.30 1.97	15.87 0.82	25.22 2.32	9.71 0.46	17.30 1.79

Table 48. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Science Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN	PERCENT S.E.	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
		NORTH		SOUTH		NORTH		SOUTH		NORTH		SOUTH	
		EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL
ANY SCIENCE (1.00)	99.62 0.09	99.65 0.26	98.88 0.42	99.61 0.13	99.33 0.27	99.58 0.13	97.45 1.02	98.53 0.61	94.80 1.27	97.44 0.48	93.81 1.00	94.15 0.85	
BIOLOGY (1.00)	94.76 1.26	95.52 1.48	83.88 2.56	92.19 1.63	89.49 1.79	92.62 0.90	82.39 2.31	89.14 1.28	78.77 1.36	79.95 1.03	69.74 1.39	71.40 2.14	
AP/HONORS BIOLOGY (1.00)	7.67 1.58	6.11 1.73	2.26 0.72	3.84 1.71	5.77 1.19	2.58 0.57	1.87 0.50	0.97 0.33	9.63 1.55	5.75 0.88	6.65 0.80	4.01 0.68	
CHEMISTRY (1.00)	59.72 1.48	49.04 2.13	45.25 2.92	45.74 2.77	57.57 3.14	41.39 2.23	40.72 1.54	41.20 1.88	43.35 2.00	26.37 1.06	30.51 1.50	22.22 1.39	
AP/HONORS CHEMISTRY (1.00)	4.66 1.71	3.23 0.46	3.29 0.84	3.09 0.77	3.99 0.89	4.19 0.70	2.22 0.35	3.10 1.09	6.16 1.44	1.54 0.31	1.90 0.22	2.75 0.92	
PHYSICS (1.00)	28.89 1.71	17.54 1.50	21.60 1.79	19.98 1.71	28.30 1.68	15.63 1.72	17.02 1.61	19.33 2.69	21.85 1.62	9.04 0.61	14.75 1.09	10.60 1.52	
AP/HONORS PHYSICS (1.00)	2.25 0.60	1.18 0.35	1.68 0.69	3.82 1.38	2.90 0.98	1.86 0.35	0.85 0.33	1.16 0.50	1.90 0.52	0.62 0.17	0.97 0.26	0.92 0.39	
ENGINEERING (1.00)	0.09 0.06	0.14 0.11	0.00 0.00	0.09 0.03	0.30 0.20	0.02 0.02	0.00 0.00	0.16 0.09	0.33 0.16	0.04 0.03	0.13 0.08	0.06 0.05	
ASTRONOMY (0.50)	1.45 0.68	1.31 0.53	1.70 0.80	0.32 0.22	1.34 0.48	1.03 0.29	0.86 0.41	0.63 0.13	1.48 0.45	1.03 0.55	1.22 0.49	0.46 0.28	
GEOLOGY (0.50)	42.90 6.87	18.22 3.78	19.66 4.17	26.06 5.27	29.27 6.55	10.79 3.20	10.33 1.47	11.27 1.97	22.71 2.72	10.76 1.28	11.24 1.13	12.13 1.80	
BIOLOGY+CHEMISTRY (2.00)	58.37 1.53	48.15 2.13	43.02 2.98	44.49 2.69	56.19 3.20	40.28 2.07	37.88 1.96	39.51 1.90	40.91 1.98	24.37 0.86	27.13 1.11	18.45 1.44	
BIOLOGY+CHEMISTRY+PHYSICS (3.00)	25.60 1.21	15.71 1.29	18.90 1.54	17.11 1.46	25.63 1.52	14.00 1.60	13.80 1.65	15.32 2.04	18.61 1.31	6.61 0.60	10.34 0.74	6.91 1.00	

Table 49. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S. E.	70.40 1.14	64.64 1.35	48.77 0.97		
FOREIGN LANGUAGE (1.00)						
FRENCH (1.00)	PERCENT S. E.	20.17 0.88	21.14 1.08	16.25 0.57		
SPANISH (1.00)	PERCENT S. E.	44.80 1.19	38.62 1.21	28.29 0.66		
GERMAN (1.00)	PERCENT S. E.	5.59 0.47	4.89 0.62	4.34 0.52		
FOR LANG OTHER FR, SP, OR GER (1.00)	PERCENT S. E.	6.16 0.60	6.23 0.72	4.84 0.42		
LATIN (1.00)	PERCENT S. E.	4.06 0.46	4.52 0.59	3.53 0.43		
JAPANESE (1.00)	PERCENT S. E.	0.61 0.36	0.08 0.03	0.14 0.04		
MANDARIN/CANTONESE (1.00)	PERCENT S. E.	0.07 0.03	0.06 0.03	0.02 0.01		
RUSSIAN (1.00)	PERCENT S. E.	0.25 0.08	0.20 0.06	0.08 0.04		

Table 50. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
FOREIGN LANGUAGE (1.00)	PERCENT 75.88 S.E. 1.14	64.38 1.28	70.96 1.37	57.91 1.52	55.70 1.32	41.38 1.41
FRENCH (1.00)	PERCENT 24.51 S.E. 1.11	15.45 0.81	26.38 1.26	15.57 0.99	20.15 0.72	12.08 0.71
SPANISH (1.00)	PERCENT 47.28 S.E. 1.37	42.02 1.22	41.63 1.50	35.45 1.06	31.90 1.06	24.44 0.82
GERMAN (1.00)	PERCENT 5.09 S.E. 0.51	6.15 0.52	4.37 0.55	5.42 0.75	4.57 0.51	4.09 0.31
FOR LANG OTHER FR, SP, OR GER (1.00)	PERCENT 6.36 S.E. 0.69	5.96 0.65	6.32 0.81	6.15 0.78	5.45 0.45	4.20 0.54
LATIN (1.00)	PERCENT 4.10 S.E. 0.49	4.02 0.48	4.49 0.62	4.56 0.66	4.06 0.43	2.96 0.53
JAPANESE (1.00)	PERCENT 0.62 S.E. 0.32	0.61 0.41	0.03 0.02	0.13 0.05	0.15 0.04	0.13 0.05
MANDARIN/CANTONESE (1.00)	PERCENT 0.07 S.E. 0.05	0.06 0.03	0.05 0.03	0.07 0.04	0.02 0.01	0.02 0.01
RUSSIAN (1.00)	PERCENT 0.23 S.E. 0.08	0.27 0.09	0.17 0.05	0.22 0.08	0.09 0.05	0.07 0.03

Table 51. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) In Foreign Language Courses In 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES									
	WHITE	BLACK	HISPA	ASIAN OTHER	NR	WHITE	BLACK	HISPA	ASIAN OTHER	NR	WHITE	BLACK	HISPA	ASIAN OTHER				
FOREIGN LANGUAGE (1.00)	PERCENT	71.46	61.76	72.12	83.31	62.59	67.09	65.22	55.43	63.48	83.28	47.62	69.71	51.29	39.17	39.81	74.26	37.23
	S.E.	1.39	3.02	1.54	2.20	4.99	2.74	1.62	2.95	1.92	2.48	6.95	3.42	1.07	2.14	1.50	2.48	5.41
FRENCH (1.00)	PERCENT	21.00	16.75	17.57	25.26	14.33	18.18	22.06	15.97	14.10	34.52	11.34	22.77	17.86	11.83	8.76	25.90	13.60
	S.E.	1.05	1.65	1.92	5.04	2.78	1.78	1.38	1.46	1.07	2.32	2.55	2.47	0.69	1.50	0.88	4.13	3.54
SPANISH (1.00)	PERCENT	43.89	44.13	55.80	42.29	44.06	44.72	37.33	38.32	51.06	44.74	32.42	37.71	28.09	26.47	30.99	39.42	22.79
	S.E.	1.38	2.82	2.49	4.75	4.30	2.85	1.43	2.42	2.53	1.97	4.00	3.58	0.75	1.55	1.32	3.09	4.28
GERMAN (1.00)	PERCENT	7.04	1.35	2.12	3.55	1.70	2.44	5.61	1.57	1.22	4.60	4.09	6.39	5.28	0.93	1.05	8.23	2.72
	S.E.	0.59	0.44	0.43	1.25	1.01	0.92	0.76	0.44	0.28	1.11	1.88	1.55	0.43	0.31	0.28	2.78	1.39
FOR LANG OTHER FR, SP, OR GER (1.00)	PERCENT	6.21	3.25	3.81	20.25	7.09	7.55	6.65	3.51	2.42	10.05	3.03	8.58	5.25	4.14	1.90	13.92	3.18
	S.E.	0.63	0.80	0.68	7.84	2.77	1.04	0.85	0.74	0.64	1.65	1.25	2.00	0.43	1.90	0.34	2.68	1.68
LATIN (1.00)	PERCENT	4.65	2.51	1.48	5.15	2.22	2.77	5.09	3.05	1.44	7.52	2.00	3.37	3.88	3.74	0.94	4.46	2.86
	S.E.	0.52	0.65	0.34	1.69	1.20	0.87	0.73	0.71	0.48	1.67	1.10	1.08	0.43	1.92	0.25	1.40	1.66
JAPANESE (1.00)	PERCENT	0.20	0.47	0.27	10.60	0.00	0.77	0.04	0.00	0.11	1.20	0.44	0.16	0.03	0.05	0.10	7.10	0.00
	S.E.	0.05	0.41	0.11	9.21	0.00	0.79	0.03	0.00	0.09	0.38	0.44	0.12	0.02	0.05	0.10	1.84	0.00
MANDARIN/CANTONESE (1.00)	PERCENT	0.00	0.00	0.15	1.60	0.00	0.09	0.06	0.00	0.07	0.28	0.00	0.04	0.00	0.00	0.00	1.09	0.09
	S.E.	0.00	0.00	0.15	0.64	0.00	0.10	0.04	0.00	0.06	0.19	0.00	0.04	0.00	0.00	0.00	0.59	0.09
RUSSIAN (1.00)	PERCENT	0.28	0.09	0.40	0.08	0.00	0.27	0.22	0.11	0.00	0.27	0.00	0.26	0.08	0.13	0.00	0.45	0.01
	S.E.	0.09	0.05	0.22	0.08	0.00	0.25	0.07	0.10	0.00	0.18	0.00	0.13	0.04	0.10	0.00	0.44	0.01

Table 52. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
	PERCENT S.E.	ACAD. VOC.	BOTH	NEITHER	ACAD. VOC.	BOTH	NEITHER	ACAD. VOC.	BOTH	NEITHER	ACAD. VOC.	BOTH	NEITHER
FOREIGN LANGUAGE (1.00)	82.27 0.94	28.85 2.41	48.77 2.39	48.37 2.16	80.35 1.49	30.94 1.74	46.42 2.65	45.92 1.44	72.49 1.19	22.05 1.48	32.48 2.24	36.50 1.11
FRENCH (1.00)	24.52 0.88	8.39 1.31	11.23 1.18	10.83 1.52	27.61 1.41	7.64 0.94	12.76 1.18	13.53 0.98	26.79 0.89	5.72 0.76	9.47 1.38	10.05 0.70
SPANISH (1.00)	51.63 1.11	18.94 2.09	34.09 2.09	31.96 1.79	46.47 1.46	21.22 1.37	30.20 1.83	29.36 1.18	39.57 1.18	14.23 1.03	20.40 2.10	23.14 0.98
GERMAN (1.00)	6.26 0.51	2.11 0.66	2.71 0.64	6.26 1.75	6.38 0.84	1.48 0.33	2.87 0.67	3.41 0.51	6.68 0.57	1.87 0.37	1.27 0.60	3.25 0.35
FOR LANG OTHER FR, SP, OR GER (1.00)	7.74 0.71	1.04 0.48	3.00 0.72	3.22 1.38	8.73 1.00	1.61 0.35	2.09 0.35	3.28 0.79	8.65 0.88	1.59 0.30	2.88 0.73	2.26 0.26
LATIN (1.00)	5.40 0.59	0.28 0.13	1.41 0.43	1.15 0.38	6.68 0.88	0.66 0.15	1.00 0.30	1.83 0.34	6.70 0.92	0.95 0.23	1.90 0.65	1.31 0.21
JAPANESE (1.00)	0.77 0.45	0.08 0.08	0.78 0.54	0.00 0.00	0.12 0.04	0.00 0.00	0.13 0.07	0.01 0.01	0.21 0.06	0.03 0.03	0.43 0.21	0.08 0.06
MANDARIN/CANTONESE (1.00)	0.07 0.03	0.28 0.29	0.00 0.00	0.00 0.00	0.09 0.06	0.00 0.00	0.01 0.02	0.00 0.00	0.02 0.02	0.00 0.00	0.00 0.00	0.02 0.02
RUSSIAN (1.00)	0.35 0.11	0.00 0.00	0.10 0.07	0.00 0.00	0.28 0.09	0.08 0.01	0.07 0.07	0.07 0.05	0.17 0.08	0.00 0.00	0.19 0.19	0.00 0.00

A-167

Table 53. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990 and 1987 by Community Type

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				
	PERCENT S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
FOREIGN LANGUAGE (1.00)		75.85 2.51	76.51 1.73	73.55 2.64	64.66 2.08	71.26 3.27	71.95 1.74	66.90 3.38	56.56 2.42
FRENCH (1.00)		21.13 1.19	20.72 1.25	23.71 2.16	18.71 1.61	22.99 2.70	22.70 1.45	20.94 2.71	19.50 1.76
SPANISH (1.00)		49.90 2.53	48.76 1.64	44.25 2.19	41.25 2.09	42.45 2.39	43.00 1.82	39.23 2.92	34.09 2.19
GERMAN (1.00)		4.24 1.07	6.12 0.71	6.05 0.90	5.59 0.97	4.25 0.64	5.64 0.61	5.58 1.58	4.35 1.08
FOR LANG OTHER FR, SP, OR GER (1.00)		7.57 1.03	7.97 1.47	7.21 1.55	4.50 0.68	10.36 2.00	7.45 1.03	7.61 2.28	3.49 0.93
LATIN (1.00)		4.25 0.85	4.07 0.87	5.97 1.42	3.52 0.56	6.19 1.69	5.06 0.65	6.06 1.62	3.02 0.95
JAPANESE (1.00)		0.49 0.09	1.89 1.45	0.04 0.03	0.10 0.06	0.14 0.09	0.18 0.08	0.05 0.03	0.01 0.01
MANDARIN/CANTONESE (1.00)		0.26 0.18	0.04 0.03	0.00 0.00	0.04 0.02	0.23 0.16	0.01 0.00	0.15 0.15	0.00 0.00
RUSSIAN (1.00)		0.53 0.37	0.43 0.16	0.41 0.24	0.03 0.02	0.64 0.28	0.19 0.05	0.04 0.04	0.11 0.07

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 54. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S.E.	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC
FOREIGN LANGUAGE (1.00)	68.64 1.22	87.57 1.77	62.32 1.45	86.60 2.63	45.27 0.91	78.11 2.89
FRENCH (1.00)	19.49 0.95	26.83 2.08	20.41 1.07	27.94 3.02	14.90 0.55	27.51 1.80
SPANISH (1.00)	43.70 1.22	55.53 2.22	37.35 1.21	50.61 3.40	26.52 0.72	43.16 1.58
GERMAN (1.00)	5.90 0.51	2.57 0.67	5.11 0.60	2.84 1.22	4.25 0.32	5.09 1.12
FOR LANG OTHER FR, SP, OR GER (1.00)	5.45 0.62	13.07 1.77	5.01 0.54	17.74 3.42	4.05 0.43	11.39 1.71
LATIN (1.00)	3.44 0.45	10.01 1.64	3.72 0.53	12.07 2.61	2.93 0.41	8.52 2.06
JAPANESE (1.00)	0.63 0.37	0.47 0.33	0.08 0.03	0.12 0.07	0.16 0.04	0.00 0.00
HANDARIN/CANTONESE (1.00)	0.05 0.03	0.26 0.13	0.04 0.03	0.24 0.22	0.02 0.01	0.00 0.00
RUSSIAN (1.00)	0.21 0.07	0.64 0.36	0.21 0.06	0.13 0.09	0.07 0.04	0.20 0.11

Table 55. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Foreign Language Courses in 1990, 1987, 1982, and 1982 by Region

COURSES TAKEN		1990 GRADUATES						1987 GRADUATES						1982 GRADUATES						
		NORTH		SOUTH		NORTH		NORTH		SOUTH		NORTH		NORTH		SOUTH		NORTH		
		EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	EAST	CENTRAL	WEST
FOREIGN LANGUAGE (1.00)	PERCENT	79.41	65.71	66.15	74.44	78.95	58.18	57.80	68.98	64.64	40.78	42.46	52.92							
	S.E.	1.23	2.11	2.87	1.55	2.29	1.98	2.48	2.23	1.78	1.98	1.27	2.07							
FRENCH (1.00)	PERCENT	25.75	18.53	17.64	20.39	27.06	20.33	19.67	17.56	25.55	15.36	12.16	12.18							
	S.E.	2.19	1.23	2.04	1.25	2.96	1.73	1.56	2.73	1.60	1.27	0.72	0.99							
SPANISH (1.00)	PERCENT	49.55	43.97	40.04	47.59	41.18	34.00	34.92	49.22	34.49	24.09	24.35	34.60							
	S.E.	5.01	2.02	2.71	1.83	2.88	1.52	1.50	3.94	1.72	1.27	1.08	1.57							
GERMAN (1.00)	PERCENT	3.71	3.49	9.50	5.84	7.48	2.92	5.32	4.38	5.30	1.73	5.56	5.75							
	S.E.	0.76	0.59	1.15	1.13	2.28	0.52	0.79	1.24	0.76	0.27	0.64	0.71							
FOR LANG OTHER FR, SP, OR GER (1.00)	PERCENT	10.09	4.75	4.19	7.01	13.92	6.91	1.90	2.56	10.15	3.29	3.10	3.46							
	S.E.	1.16	0.74	1.30	1.90	2.74	1.04	0.45	0.66	1.10	0.90	0.58	1.09							
LATIN (1.00)	PERCENT	7.34	4.03	2.55	2.60	8.04	6.60	1.46	1.54	6.87	3.06	2.35	1.83							
	S.E.	1.13	0.66	0.89	0.98	2.14	1.00	0.24	0.47	1.08	0.89	0.52	0.80							
JAPANESE (1.00)	PERCENT	0.01	0.04	0.36	2.59	0.04	0.03	0.04	0.29	0.05	0.00	0.00	0.80							
	S.E.	0.01	0.03	0.35	1.83	0.03	0.02	0.03	0.11	0.05	0.00	0.00	0.22							
MANDARIN/CANTONESE (1.00)	PERCENT	0.21	0.02	0.00	0.10	0.10	0.02	0.08	0.03	0.02	0.00	0.00	0.08							
	S.E.	0.12	0.02	0.00	0.07	0.10	0.01	0.09	0.03	0.02	0.00	0.00	0.06							
RUSSIAN (1.00)	PERCENT	0.19	0.32	0.10	0.41	0.26	0.09	0.26	0.20	0.11	0.03	0.14	0.03							
	S.E.	0.10	0.14	0.08	0.28	0.06	0.06	0.17	0.13	0.07	0.03	0.10	0.03							

Table 56. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT	S.E.	PERCENT	S.E.	PERCENT	S.E.
ANY VISUAL & PERFORMING ARTS (1.00)	63.14	1.47	56.64	1.37	53.86	0.91
VISUAL ARTS (0.50)	47.22	1.43	39.71	1.58	42.71	1.01
DANCE (0.50)	4.57	0.69	3.53	0.45	1.65	0.15
THEATER PERFORMANCE (0.50)	11.06	1.09	9.47	0.67	5.50	0.31
MUSIC PERFORMANCE (0.50)	30.84	0.93	30.77	1.07	30.36	0.84
ART OR MUSIC APPRECIATION/HIST (1.00)	3.27	0.56	1.93	0.39	1.76	0.22

Table 57. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ANY VISUAL & PERFORMING ARTS (1.00)	68.29 1.42	57.47 1.69	61.46 1.29	51.54 1.61	58.55 1.18	48.85 1.11
VISUAL ARTS (0.50)	44.25 1.48	50.47 1.63	37.73 1.41	41.81 1.91	42.62 1.26	42.81 1.24
DANCE (0.50)	8.01 1.22	0.80 0.19	6.56 0.82	0.29 0.07	3.12 0.28	0.07 0.03
THEATER PERFORMANCE (0.50)	13.12 1.28	8.81 0.98	11.85 0.85	6.95 0.59	6.65 0.51	4.28 0.29
MUSIC PERFORMANCE (0.50)	39.14 1.16	21.73 0.95	37.48 1.15	23.65 1.18	36.06 1.04	24.28 1.08
ART OR MUSIC APPRECIATION/HIST (1.00)	3.73 0.65	2.77 0.54	1.80 0.35	2.07 0.47	1.96 0.27	1.54 0.30

Table 58. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN	1990 GRADUATES					1987 GRADUATES					1982 GRADUATES					
	PERCENT S.E.	WHITE	BLACK	HISPA	ASIAN OTHER	NR	WHITE	BLACK	HISPA	ASIAN OTHER	NR	WHITE	BLACK	HISPA	ASIAN OTHER	
ANY VISUAL & PERFORMING ARTS (1.00)		62.99	61.45	67.32	63.11	45.19	67.25	56.32	54.23	61.11	53.44	64.55	59.54	53.28	52.36	50.52
		1.74	2.44	2.60	3.30	4.76	6.79	1.76	2.73	1.84	2.58	3.41	3.20	2.35	1.87	4.55
VISUAL ARTS (0.50)		47.01	40.69	58.07	48.79	47.12	51.57	37.69	34.78	52.57	41.03	55.23	52.08	41.58	45.80	48.09
		1.63	2.87	2.78	3.76	4.66	5.03	2.09	2.54	1.93	2.47	2.88	3.94	2.26	1.72	3.66
DANCE (0.50)		3.71	5.56	9.60	7.33	4.06	4.99	2.50	5.57	7.76	6.04	4.53	5.40	2.54	2.81	2.65
		0.68	1.07	1.81	1.48	1.86	1.98	0.44	1.08	1.66	1.06	1.24	1.51	0.69	0.60	1.11
THEATER PERFORMANCE (0.50)		11.89	9.32	9.16	5.09	6.89	11.52	9.75	7.51	7.73	7.94	4.01	12.33	5.39	4.99	2.59
		1.39	1.60	0.88	0.88	2.57	2.99	0.72	0.98	0.93	1.50	1.62	3.60	0.85	0.69	1.31
MUSIC PERFORMANCE (0.50)		31.49	34.11	23.31	24.29	21.04	29.74	32.31	30.18	24.64	24.99	27.58	25.27	29.50	25.69	29.39
		1.15	2.16	1.49	1.68	3.64	3.65	1.37	1.50	1.94	2.08	2.24	2.11	2.72	1.74	3.36
ART OR MUSIC APPRECIATION/HIST (1.00)		2.69	6.49	2.73	4.36	3.66	2.69	1.68	3.58	1.57	4.13	4.02	1.04	2.08	1.68	1.80
		0.54	2.28	0.48	1.10	1.64	1.39	0.37	0.77	0.39	2.99	1.80	0.61	0.52	0.34	0.92

Table 59. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES			
	PERCENT S.E.	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER
ANY VISUAL & PERFORMING ARTS (1.00)	65.66 1.55	48.08 3.59	49.61 2.71	68.64 1.90	58.56 1.37	44.14 2.51	42.15 2.01	66.08 1.71	52.82 1.43	42.90 1.81	43.81 3.42	62.08 1.26
VISUAL ARTS (0.50)	46.46 1.61	42.22 2.96	41.61 2.67	58.21 2.40	38.73 1.63	34.22 2.53	30.71 1.86	51.07 2.20	38.66 1.44	39.39 1.87	34.88 3.42	50.36 1.33
DANCE (0.50)	4.55 0.69	2.41 0.77	4.75 1.33	5.83 1.32	3.76 0.46	1.93 0.50	2.46 0.51	4.44 0.85	1.60 0.22	0.68 0.25	1.38 0.57	2.22 0.27
THEATER PERFORMANCE (0.50)	11.02 0.86	7.29 1.54	8.15 1.46	15.55 3.47	10.14 0.70	6.54 0.90	4.09 0.66	11.88 1.49	5.68 0.57	2.62 0.56	1.76 0.64	7.30 0.57
MUSIC PERFORMANCE (0.50)	33.15 1.02	20.99 2.35	19.43 1.64	32.90 1.83	32.67 1.28	23.05 1.73	19.88 1.72	35.15 1.37	32.77 1.29	21.92 1.19	23.58 2.14	32.75 0.98
ART OR MUSIC APPRECIATION/HIST (1.00)	3.50 0.61	2.08 0.70	1.92 0.56	3.73 1.11	2.33 0.53	0.52 0.16	2.41 0.78	1.41 0.34	2.15 0.27	1.14 0.44	1.57 0.71	1.63 0.34



Table 60. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990 and 1987 by Community Type

COURSES TAKEN	1990 GRADUATES					1987 GRADUATES				
	PERCENT S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	
ANY VISUAL & PERFORMING ARTS (1.00)	66.58 3.60	62.14 2.47	63.74 4.20	62.51 2.37	64.75 2.27	54.82 2.18	56.29 2.67	55.26 2.69		
VISUAL ARTS (0.50)	52.08 4.52	50.41 2.61	45.98 3.84	44.32 2.10	49.53 2.40	42.35 2.29	38.18 2.43	35.12 3.00		
DANCE (0.50)	4.13 0.98	7.67 1.19	4.73 2.81	2.97 0.85	6.49 1.42	5.44 0.78	2.10 0.67	1.74 0.70		
THEATER PERFORMANCE (0.50)	12.76 1.69	10.76 1.12	8.96 2.22	11.23 2.15	9.75 1.22	12.13 1.15	11.89 2.73	6.67 0.98		
MUSIC PERFORMANCE (0.50)	29.01 2.37	26.63 1.46	34.20 3.44	32.86 1.44	27.93 2.43	23.97 1.23	34.70 2.49	34.97 1.82		
ART OR MUSIC APPRECIATION/HIST (1.00)	7.88 2.64	2.31 0.37	2.02 0.71	2.73 0.74	7.33 2.20	0.66 0.22	1.55 0.48	1.09 0.32		

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 61. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S.E.	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC	PUBLIC NON-PUBLIC
ANY VISUAL & PERFORMING ARTS (1.00)	63.61 1.58	58.52 2.68	56.88 1.39	54.35 4.95	54.33 0.95	49.94 3.90
VISUAL ARTS (0.50)	47.08 1.49	48.54 3.27	39.22 1.64	44.42 5.01	42.25 1.05	46.58 5.10
DANCE (0.50)	4.81 0.73	2.26 0.87	3.58 0.43	3.11 1.49	1.64 0.15	1.66 0.75
THEATER PERFORMANCE (0.50)	11.20 1.20	9.69 1.80	9.69 0.68	7.36 3.11	5.51 0.34	5.39 1.07
MUSIC PERFORMANCE (0.50)	31.48 0.96	24.67 2.53	31.41 1.09	24.77 2.93	31.16 0.88	23.67 1.90
ART OR MUSIC APPRECIATION/HIST (1.00)	2.97 0.57	6.14 2.20	1.64 0.36	4.65 1.88	1.24 0.20	6.08 1.06

Table 62. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Visual and Performing Arts Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN	1990 GRADUATES						1987 GRADUATES						1982 GRADUATES												
	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST									
ANY VISUAL & PERFORMING ARTS (1.00)	62.70 S.E.	60.34 1.81	62.05 3.04	69.84 2.31	50.28 4.02	52.66 2.16	62.07 3.04	62.55 1.62	46.36 2.12	50.34 1.75	58.81 1.38	62.22 1.40	PERCENT S.E.	62.70 4.37	60.34 1.81	62.05 3.04	69.84 2.31	50.28 4.02	52.66 2.16	62.07 3.04	62.55 1.62	46.36 2.12	50.34 1.75	58.81 1.38	62.22 1.40
VISUAL ARTS (0.50)	53.85 S.E.	38.49 2.88	45.63 2.24	56.99 3.00	37.28 4.16	31.05 3.09	43.84 3.02	50.83 1.31	39.76 2.52	36.32 1.63	45.11 1.63	54.69 1.97	PERCENT S.E.	53.85 2.81	38.49 2.88	45.63 2.24	56.99 3.00	37.28 4.16	31.05 3.09	43.84 3.02	50.83 1.31	39.76 2.52	36.32 1.63	45.11 1.63	54.69 1.97
DANCE (0.50)	0.90 S.E.	5.40 1.49	2.06 0.81	10.56 1.80	1.76 0.50	2.65 0.55	2.38 0.47	9.03 1.62	0.62 0.23	1.02 0.16	1.05 0.31	5.34 0.68	PERCENT S.E.	0.90 0.61	5.40 1.49	2.06 0.81	10.56 1.80	1.76 0.50	2.65 0.55	2.38 0.47	9.03 1.62	0.62 0.23	1.02 0.16	1.05 0.31	5.34 0.68
THEATER PERFORMANCE (0.50)	7.59 S.E.	10.76 1.57	11.70 3.15	14.42 1.50	5.70 1.64	8.81 0.63	10.81 1.45	13.06 2.17	3.63 0.50	4.36 0.65	6.04 0.50	9.32 0.97	PERCENT S.E.	7.59 1.54	10.76 1.57	11.70 3.15	14.42 1.50	5.70 1.64	8.81 0.63	10.81 1.45	13.06 2.17	3.63 0.50	4.36 0.65	6.04 0.50	9.32 0.97
MUSIC PERFORMANCE (0.50)	30.28 S.E.	30.88 1.50	35.84 2.11	24.56 1.34	26.17 1.87	29.99 1.38	36.59 2.81	28.45 2.42	25.74 1.20	28.57 1.53	35.89 1.30	30.38 1.66	PERCENT S.E.	30.28 2.30	30.88 1.50	35.84 2.11	24.56 1.34	26.17 1.87	29.99 1.38	36.59 2.81	28.45 2.42	25.74 1.20	28.57 1.53	35.89 1.30	30.38 1.66
ART OR MUSIC APPRECIATION/HIST (1.00)	3.50 S.E.	2.34 0.60	4.54 1.32	2.87 0.98	4.49 1.56	1.88 0.42	1.01 0.40	0.33 0.13	1.89 0.54	2.24 0.71	1.40 0.32	1.29 0.35	PERCENT S.E.	3.50 1.47	2.34 0.60	4.54 1.32	2.87 0.98	4.49 1.56	1.88 0.42	1.01 0.40	0.33 0.13	1.89 0.54	2.24 0.71	1.40 0.32	1.29 0.35

Table 63. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S.E.		PERCENT S.E.		PERCENT S.E.	
ANY PHYS ED, HEALTH AND SPORTS (1.00)	91.02 1.21		86.32 1.36		86.21 0.88	
PHYSICAL EDUCATION (1.00)	68.37 3.08		66.91 3.12		67.94 1.11	
HEALTH (0.50)	62.31 3.17		55.43 3.55		48.58 1.44	
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	5.13 1.14		4.97 1.17		4.20 0.46	
ANY PERSONAL & SOCIAL DEVELOP (1.00)	36.21 2.00		35.82 1.48		34.42 0.78	
DRIVERS EDUCATION (0.25)	36.74 2.82		35.28 2.05		44.23 1.15	

Table 64. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
ANY PHYS ED, HEALTH AND SPORTS (1.00)	90.05 S.E. 1.30	92.11 1.20	85.41 1.39	87.21 1.62	84.75 0.92	87.76 1.01
PHYSICAL EDUCATION (1.00)	67.29 S.E. 3.08	69.53 3.22	66.10 3.37	67.66 3.12	66.25 1.13	69.73 1.31
HEALTH (0.50)	62.44 S.E. 3.24	62.18 3.17	55.45 3.54	55.55 3.64	47.70 1.59	49.52 1.50
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	3.86 S.E. 0.98	6.54 1.36	4.32 1.11	5.68 1.29	3.82 0.61	4.61 0.43
ANY PERSONAL & SOCIAL DEVELOP (1.00)	40.90 S.E. 2.21	31.03 1.89	41.05 1.72	30.15 1.41	38.00 1.01	30.60 1.12
DRIVERS EDUCATION (0.25)	36.25 S.E. 2.87	37.21 2.86	34.80 2.23	35.67 1.97	44.58 1.28	43.87 1.43

Table 65. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN	PERCENT S.E.	1990 GRADUATES					1987 GRADUATES					1982 GRADUATES					
		WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER
ANY PHYS ED, HEALTH AND SPORTS (1.00)	91.52 1.44	88.02 2.50	93.04 1.05	93.52 1.73	92.48 1.99	85.03 6.42	87.31 1.78	86.71 2.46	91.02 1.63	92.67 1.58	87.31 3.75	71.48 5.17	85.99 1.05	88.06 1.84	85.28 1.63	89.74 1.99	86.87 2.98
PHYSICAL EDUCATION (1.00)	67.44 3.51	66.63 3.98	72.59 3.72	79.07 4.55	77.30 4.28	72.57 8.48	67.39 3.78	66.65 3.92	70.29 3.57	63.42 7.17	75.60 5.35	60.59 5.52	67.29 1.26	68.98 3.14	70.25 1.88	80.57 2.76	64.84 5.50
HEALTH (0.50)	64.07 3.53	49.44 4.77	64.87 6.53	61.67 8.57	63.96 6.38	70.61 9.95	55.41 4.15	52.20 5.33	60.54 5.64	59.14 7.97	52.91 2.90	55.46 9.66	49.26 1.67	41.61 3.15	50.01 2.08	52.48 5.17	49.34 6.54
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	4.87 1.16	6.12 1.70	7.30 2.96	3.84 1.86	6.78 3.05	2.87 2.43	5.22 1.38	5.67 2.00	5.77 2.09	5.04 1.52	5.31 2.05	1.13 0.48	3.85 0.56	3.11 1.09	6.59 0.81	9.85 2.14	5.90 2.08
ANY PERSONAL & SOCIAL DEVELOP (1.00)	36.38 2.26	30.62 3.03	40.71 3.16	43.19 3.40	35.50 5.02	37.69 6.28	34.97 1.82	31.69 2.72	43.93 2.57	47.40 4.49	49.96 2.04	37.48 5.12	33.89 0.79	31.31 2.36	37.60 1.98	43.80 2.74	46.05 5.30
DRIVERS EDUCATION (0.25)	35.63 3.14	36.62 4.19	45.41 4.68	42.78 10.06	41.03 8.16	34.10 8.81	37.51 2.57	25.72 2.49	25.19 3.33	32.25 7.32	26.72 8.12	39.41 5.91	46.05 1.26	32.21 2.34	41.81 1.86	55.08 2.35	52.01 5.84

Table 66. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES				
	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	
ANY PHYS ED, HEALTH AND SPORTS (1.00)	PERCENT S.E.	90.22 1.34	93.26 1.60	91.62 1.49	93.47 1.06	85.20 1.96	88.15 1.22	89.05 1.97	87.40 2.10	85.40 1.03	87.30 1.37	87.80 1.83	86.38 1.24
PHYSICAL EDUCATION (1.00)	PERCENT S.E.	69.30 3.16	68.17 5.80	67.87 4.90	63.94 5.11	65.16 3.88	67.81 3.66	73.44 2.81	68.98 2.54	67.34 1.26	67.17 2.29	76.54 2.65	67.70 1.65
HEALTH (0.50)	PERCENT S.E.	61.57 3.23	61.48 5.93	62.95 4.37	66.17 4.33	52.80 3.60	63.44 4.20	49.20 4.81	61.13 3.92	48.20 2.02	52.01 2.56	44.40 3.62	47.96 1.54
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	PERCENT S.E.	5.56 1.14	3.48 1.28	3.43 1.13	5.11 2.11	3.54 0.93	6.83 1.99	4.07 1.12	8.72 1.92	3.21 0.45	3.85 0.56	3.24 1.21	5.69 0.82
ANY PERSONAL & SOCIAL DEVELOP (1.00)	PERCENT S.E.	36.96 2.15	28.83 2.95	26.07 2.33	44.00 3.35	37.10 1.81	29.21 2.46	31.04 2.27	38.60 2.28	33.68 0.98	27.04 1.73	21.42 1.96	40.96 1.48
DRIVERS EDUCATION (0.25)	PERCENT S.E.	37.13 2.81	34.09 4.33	36.47 3.74	36.39 4.61	35.77 2.26	33.38 2.42	36.83 2.98	34.35 3.16	40.98 1.60	45.11 2.07	44.43 3.22	47.62 1.24

Table 67. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990 and 1987 by Community Type

COURSES TAKEN	1990 GRADUATES					1987 GRADUATES				
	PERCENT S.E.	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	
ANY PHYS ED, HEALTH AND SPORTS (1.00)	88.32 2.62	95.15 1.45	94.65 1.68	88.66 2.10	76.02 3.85	87.87 2.56	88.64 3.56	87.22 2.51		
PHYSICAL EDUCATION (1.00)	63.75 6.18	72.26 5.31	66.89 14.03	67.97 4.02	47.14 5.10	67.40 3.38	64.14 9.80	74.31 3.70		
PHYSICAL EDUCATION+HEALTH (3.50)	60.19 7.45	66.88 6.02	57.28 9.33	61.68 4.49	64.06 4.81	53.89 5.08	65.09 6.84	50.04 7.22		
ANY PERSONAL & SOCIAL DEVELOP (1.00)	1.83 1.06	7.53 2.29	7.75 6.28	4.15 1.17	2.11 0.78	7.82 2.12	5.91 3.74	3.66 1.29		
DRIVERS EDUCATION (0.25)	40.48 4.82	39.46 2.71	33.59 5.54	33.79 3.07	38.12 2.57	35.11 2.30	33.41 5.67	36.40 2.33		
	34.78 7.52	39.57 4.54	40.73 7.54	34.78 3.95	25.31 4.37	29.75 3.54	39.54 7.87	40.93 3.47		

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 68. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
ANY PHYS ED, HEALTH AND SPORTS (1.00)	92.49 PERCENT S.E.	76.73 4.80	88.74 1.17	63.42 6.35	87.39 0.96	76.26 2.44
PHYSICAL EDUCATION (1.00)	69.40 PERCENT S.E.	58.35 5.87	70.06 2.70	37.12 9.28	68.80 1.23	60.67 2.88
HEALTH (0.50)	64.93 PERCENT S.E.	36.88 5.87	56.68 3.63	43.66 6.51	50.02 1.45	36.51 4.13
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	5.59 PERCENT S.E.	0.73 0.35	5.49 1.30	0.04 0.03	4.56 0.51	1.18 0.62
ANY PERSONAL & SOCIAL DEVELOP (1.00)	36.94 PERCENT S.E.	29.03 3.91	37.11 1.45	23.66 4.71	35.66 0.90	24.02 2.46
DRIVERS EDUCATION (0.25)	38.31 PERCENT S.E.	21.48 4.15	37.15 2.21	17.65 5.28	46.90 1.18	21.90 3.11

Table 69. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Physical Education and Personal Development Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN	1990 GRADUATES					1987 GRADUATES					1982 GRADUATES				
	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	PERCENT S.E.	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	PERCENT S.E.	NORTH EAST	SOUTH CENTRAL	NORTH CENTRAL	WEST	PERCENT S.E.
ANY PHYS ED, HEALTH AND SPORTS (1.00)	85.68 3.67	90.09 1.51	92.47 2.50	96.38 1.31	73.31 5.36	86.43 1.69	89.91 1.84	96.34 0.45	74.19 2.90	88.59 1.15	87.12 1.82	96.92 0.97			
PHYSICAL EDUCATION (1.00)	77.67 5.29	66.96 5.23	56.78 7.97	76.49 4.26	60.22 7.70	69.91 2.84	63.43 7.39	75.56 4.29	60.65 2.50	74.37 1.94	57.91 2.83	83.86 2.78			
HEALTH (0.50)	61.33 7.56	55.60 5.58	70.78 4.56	63.16 6.52	61.06 8.59	46.10 6.69	62.28 7.66	53.45 5.36	55.67 3.48	39.42 2.23	52.34 2.54	49.28 3.13			
3YRS PHYSICAL EDUCATION+HEALTH (3.50)	5.37 2.96	6.49 1.55	4.65 2.87	3.23 1.46	3.90 2.20	2.61 0.61	8.96 3.74	3.92 1.04	4.12 1.21	3.16 0.78	3.30 0.39	7.89 1.49			
ANY PERSONAL & SOCIAL DEVELOP (1.00)	24.87 2.93	30.26 3.17	34.10 4.42	61.37 4.07	20.47 2.94	36.03 2.89	32.68 3.08	59.31 2.46	20.13 1.23	31.78 1.66	32.31 1.55	63.28 2.60			
DRIVERS EDUCATION (0.25)	28.87 5.22	39.69 4.34	26.27 6.43	54.56 6.52	28.31 4.09	39.36 3.02	31.85 4.10	42.40 8.14	24.88 2.11	45.94 2.86	46.34 1.89	64.42 2.34			

Table 70. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	PERCENT S.E.	17.32 1.12	12.04 0.89	1.86 0.21		
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE						
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	22.71 1.29	16.29 0.96	2.67 0.27			
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	30.61 1.39	20.93 1.12	8.85 0.48			
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	39.93 1.66	28.58 1.24	13.38 0.53			
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	66.79 2.20	54.61 1.51	29.20 0.71			

Table 71. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Gender

COURSES TAKEN	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	16.93 1.16	17.73 1.19	10.89 0.74	13.27 1.24	1.68 0.20	2.04 0.32
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	21.58 1.35	23.90 1.37	14.36 0.91	18.36 1.24	2.06 0.22	3.31 0.44
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	31.35 1.47	29.82 1.49	20.95 1.19	20.93 1.34	9.19 0.72	8.48 0.82
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	39.22 1.66	40.66 1.88	27.23 1.32	30.06 1.37	12.56 0.77	14.25 0.92
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	67.28 2.23	66.19 2.27	54.75 1.66	54.61 1.58	29.30 1.03	29.09 1.10

Table 72. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Race/Ethnicity

COURSES TAKEN	1990 GRADUATES						1987 GRADUATES						1982 GRADUATES					
	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	NR	WHITE	BLACK	HISPA	ASIAN	OTHER	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	18.09 1.31	14.36 1.67	15.67 1.88	23.77 2.22	10.84 2.63	11.24 4.33	12.71 1.20	8.29 1.23	5.48 0.90	24.28 2.77	5.42 1.82	13.51 2.38	2.17 0.28	0.73 0.32	0.52 0.13	6.03 1.51	0.54 0.37	
PERCENT S.E.																		
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	22.72 1.48	25.14 2.39	20.30 2.59	27.76 2.65	16.63 3.02	14.28 5.32	17.22 1.29	11.73 1.23	8.62 1.49	28.11 2.62	16.73 2.24	16.87 2.32	3.14 0.36	1.02 0.36	0.88 0.27	7.11 1.75	0.54 0.37	
PERCENT S.E.																		
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	32.59 1.63	23.37 2.31	24.76 1.92	44.12 2.97	16.31 3.36	20.07 2.71	21.82 1.37	16.10 1.58	11.84 1.84	41.86 4.79	9.38 2.60	21.73 3.50	10.13 0.58	5.21 1.20	3.45 0.48	16.96 2.04	4.15 1.56	
PERCENT S.E.																		
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	40.61 1.82	41.34 3.83	32.69 2.66	51.19 3.05	26.01 3.63	27.87 4.13	29.70 1.46	24.35 2.97	17.92 2.18	48.26 4.39	28.89 2.54	26.81 3.41	14.94 0.64	10.11 1.55	6.34 0.65	21.01 2.28	5.85 1.90	
PERCENT S.E.																		
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	65.42 2.57	71.76 3.53	70.39 3.46	75.47 2.94	55.62 6.03	61.48 7.13	53.54 1.82	57.21 3.03	55.08 2.64	71.82 4.09	65.84 4.28	52.97 4.56	30.17 0.78	28.13 2.33	23.52 1.64	34.51 2.53	26.00 4.32	
PERCENT S.E.																		

Table 73. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Student Program

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES				1982 GRADUATES				
	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	ACAD.	VOC.	BOTH	NEITHER	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT S.E.	23.96 1.43	NA NA	7.28 0.92	NA NA	19.53 1.39	NA NA	3.82 0.74	NA NA	4.30 0.50	NA 0.31	1.10 0.31	NA NA
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT S.E.	30.45 1.58	NA NA	16.38 1.92	NA NA	25.86 1.40	NA NA	9.15 1.25	NA NA	5.98 0.59	NA 1.15	3.20 1.15	NA NA
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT S.E.	42.22 1.58	NA NA	13.79 1.49	NA NA	33.86 1.49	NA NA	7.18 1.26	NA NA	20.55 1.05	NA 1.03	4.97 1.03	NA NA
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT S.E.	53.41 1.74	NA NA	29.85 3.30	NA NA	45.06 1.36	NA NA	18.21 2.24	NA NA	29.85 1.05	NA 2.43	16.94 2.43	NA NA
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT S.E.	80.70 1.82	13.06 2.56	60.23 2.12	15.22 1.75	73.48 1.13	14.81 2.12	74.59 2.87	12.33 1.17	55.45 1.20	5.93 0.49	63.83 3.05	4.42 0.11

NOTE: Because of the definitions of the tracks, it is not possible for a "VOC." or "NEITHER" track student to take the course combinations in the first four rows of this table. Students who took 4 years of English, 3 years of Social Studies or History, 3 years of science and 3 years of mathematics are, by definition, classified as "ACAD" or "BOTH."

Table 74. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990 and 1987 by Community Type

COURSES TAKEN	1990 GRADUATES				1987 GRADUATES			
	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE	BIG CITY	URBAN FRINGE	MEDIUM CITY	SMALL PLACE
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	19.03 2.97	19.32 2.15	18.17 3.09	15.50 1.54	10.88 1.43	15.39 1.70	10.55 1.22	10.68 1.21
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	22.97 3.28	22.93 2.60	21.59 3.46	22.78 1.81	13.18 1.31	18.73 1.89	13.74 1.49	16.62 1.48
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	32.53 4.15	35.84 2.13	37.14 2.28	25.56 2.27	21.31 2.28	25.31 2.24	20.58 1.84	17.92 1.81
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	39.79 4.85	42.80 2.45	44.30 3.56	37.32 2.65	26.80 2.37	31.28 2.51	26.30 2.50	28.16 1.77
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	70.87 5.97	68.69 3.51	71.56 3.24	63.24 3.54	60.56 3.52	55.50 2.58	47.64 3.67	54.51 2.99

NOTE: Because the Community Type variable used in 1982 is different from that used in 1987 and 1990, no comparisons between 1982 and 1990 on Community Type are meaningful. For this reason, only 1987 and 1990 Community Type data are presented.

Table 75. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by School Type (Public/Nonpublic)

COURSES TAKEN	PERCENT S.E.	1990 GRADUATES		1987 GRADUATES		1982 GRADUATES	
		PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC	PUBLIC	NON-PUBLIC
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	16.86 1.23	21.79 2.20	11.38 0.72	18.26 4.65	1.74 0.21	2.83 0.94	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	22.43 1.42	25.39 2.41	15.53 0.83	23.54 5.65	2.59 0.27	3.31 1.11	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	28.67 1.48	49.43 3.58	19.42 1.08	35.20 4.30	7.55 0.48	19.69 1.41	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	38.22 1.81	56.57 3.39	27.11 1.22	42.43 4.60	12.05 0.57	24.54 1.08	
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	65.50 2.39	79.34 2.80	53.26 1.59	67.42 4.74	27.14 0.76	46.43 1.14	

Table 76. Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses in 1990, 1987, and 1982 by Region

COURSES TAKEN.	1990 GRADUATES						1987 GRADUATES						1982 GRADUATES										
	NORTH EAST		SOUTH CENTRAL		NORTH WEST		NORTH EAST		SOUTH CENTRAL		NORTH WEST		NORTH EAST		SOUTH CENTRAL		NORTH WEST						
	PERCENT S.E.		PERCENT S.E.		PERCENT S.E.		PERCENT S.E.		PERCENT S.E.		PERCENT S.E.		PERCENT S.E.		PERCENT S.E.		PERCENT S.E.						
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	21.21	24.05	10.50	11.01	20.44	11.66	8.62	7.86	5.05	0.84	0.88	1.03	2.05	2.15	1.82	1.13	3.11	0.84	1.36	0.93	0.73	0.23	0.25
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	24.10	33.90	14.68	13.18	23.28	17.78	13.05	10.38	5.61	1.30	2.67	1.13	2.22	2.26	2.14	1.40	2.89	1.53	1.74	0.93	0.70	0.27	0.25
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	38.73	37.74	20.68	23.32	34.94	20.74	13.11	16.54	19.94	7.25	4.10	4.79	2.88	2.45	2.91	1.91	3.12	1.40	2.13	2.17	1.45	0.79	0.56
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	45.34	53.61	27.20	28.29	39.74	32.44	19.66	22.58	23.39	13.47	8.83	7.28	3.04	3.25	2.99	2.32	2.85	2.22	2.86	2.16	1.28	0.87	0.91
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	65.11	83.36	45.66	69.35	63.34	65.36	36.86	54.00	42.84	34.04	18.69	19.65	4.00	2.73	4.85	5.31	2.59	1.81	3.93	3.05	1.39	1.58	1.14

Table 77. Percentage of Graduates Completing Minimum Number of Credits (Carnegie Units) in Core Curriculum Courses by State Law Concerning Graduation Requirements (1990)

CORE CURRICULUM	THE LAW STATE CATEGORIES					
		LAW 1 STATES	NON-LAW 1 STATES	LAW 2 STATES	NON-LAW 2 STATES	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	30.66	15.72	25.40	10.92	
	S.E.	2.46	1.17	1.69	0.92	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	48.40	19.63	33.14	14.44	
	S.E.	1.81	1.30	2.01	1.11	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	50.93	28.17	40.91	22.45	
	S.E.	2.50	1.42	1.81	1.77	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	78.06	35.36	53.48	29.21	
	S.E.	1.64	1.60	2.61	1.93	
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	90.95	63.89	85.86	51.69	
	S.E.	1.58	2.50	1.62	3.15	

NOTE: The 1990 Law 1 states are: Florida, Louisiana, and Pennsylvania. The Law 2 states are: Alabama, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Louisiana, Maryland, New Mexico, New York, Oregon, Pennsylvania, South Carolina, Texas, Utah, Virginia, and Wisconsin.

Table 78. Percentage of Graduates Completing Minimum Number of Credits (Carnegie Units) in Core Curriculum Courses by State Law Concerning Graduation Requirements (1987)

CORE CURRICULUM	THE LAW STATE CATEGORIES					
		LAW 1 STATES	NON-LAW 1 STATES	LAW 2 STATES	NON-LAW 2 STATES	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	PERCENT	27.37	10.60	15.81	9.77	
	S.E.	4.88	0.68	1.68	0.96	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	PERCENT	34.44	14.59	21.74	13.00	
	S.E.	5.02	0.77	1.78	1.18	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	PERCENT	40.19	19.12	26.06	17.83	
	S.E.	4.92	1.06	2.42	1.53	
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	PERCENT	54.36	26.16	36.67	23.69	
	S.E.	5.93	1.15	2.47	1.55	
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	PERCENT	76.63	52.55	67.18	47.01	
	S.E.	4.09	1.54	2.58	2.18	

A-193

NOTE: The 1987 Law 1 states are: Florida, Louisiana, and Pennsylvania. The Law 2 states are: Alabama, Alaska, Arkansas, Connecticut, Delaware, Florida, Georgia, Hawaii, Kansas, Louisiana, Maryland, New Mexico, New York, North Dakota, Pennsylvania, South Carolina, South Dakota, Vermont, Virginia, West Virginia, and Wisconsin.

Table 79. Change in Percentage of Graduates Earning Indicated Minimum Credits (Carnegie Units) in Core Curriculum Courses between 1987 and 1990 and between 1982 and 1990

COURSES TAKEN	CHANGE FROM 1987-1990	CHANGE FROM 1982-1990
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER + 2 FOREIGN LANGUAGE	5.28 *	15.46 *
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 1/2 COMPUTER	6.41 *	20.04 *
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS + 2 FOREIGN LANGUAGE	9.68 *	21.76 *
4 ENGLISH + 3 SOCIAL STUDIES + 3 SCIENCE + 3 MATHEMATICS	11.35 *	26.56 *
4 ENGLISH + 3 SOCIAL STUDIES + 2 SCIENCE + 2 MATHEMATICS	12.18 *	37.59 *

*Differences between 1982 graduates and 1990 graduates that are significant at the $p < 0.05$ level (for t with 25 degrees of freedom) are indicated by an asterisk.

APPENDIX B. LISTINGS OF CSSC CODES WITHIN SUBJECT-AREA CATEGORIES

The lists which follow indicate which CSSC codes are in each subject-area category used in the 1990 High School Transcript Study. These are the same categories as used in the 1987 transcript study and in the Nation At Risk Update Study tables.* Note that the categories are hierarchical in nature. That is, codes in a subcategory are also in the appropriate higher-order category. For example, "AP/Honors English 12" is included in "English 12" and in "English." However, codes in a higher-order category are not necessarily also in a subcategory. For example, the category "English" contains courses such as "Romanticism" (CSSC code 230120) and "English, Real Life Problem Solving" (CSSC code 230152), which are not included in any of the subcategories under "English." The Hierarchical Listing presented below indicates in outline form the categories and subcategories. The Numerical Coding List which follows is presented in the same order as the Hierarchical Listing. CSSC codes added in 1990 are indicated by a pound sign (#). This list is comprehensive in that

* Other taxonomic hierarchies of CSSC codes are possible. One such hierarchy has been reprinted in the April 1992 NCES report, *Vocational Education in the United States: 1969-1990*. This taxonomy was originally published in Gifford, A.G., Hoachlander, E.G., and Tuma, J.E., *The Secondary School Taxonomy*, a report prepared for the National Assessment of Vocational Education, Office of Planning, Budget, and Evaluation, U.S. Department of Education, by MPR Associates, Inc. (Berkeley, CA) in February 1989. It is reproduced in Figure A, "Organization of the Secondary School Taxonomy." There are a number of differences and similarities between the two taxonomies.

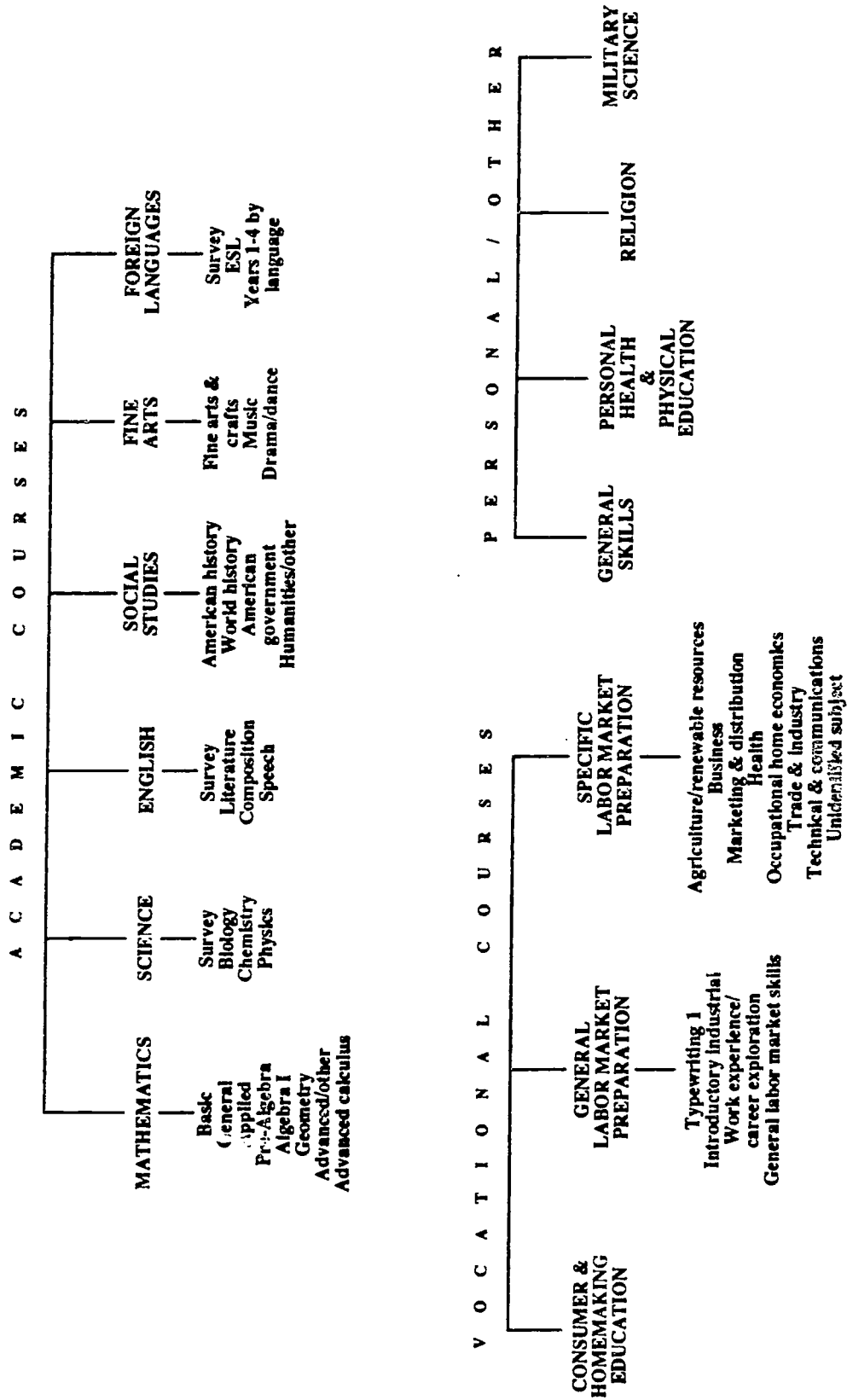
The MPR taxonomy divides all courses into 3 broad curricular domains: Academic, Vocational, and Personal/Other. There is no such division in the HSTS taxonomy. The definition of the categories at the highest level of the Academic section of the MPR taxonomy (Mathematics, Science, English, Social Studies, Fine Arts, Foreign Languages) is basically the same as that for the corresponding HSTS categories. Some differences are worth noting: (1) Only the HSTS taxonomy has a category for Computer Science/Programming/Data Processing. Many of the courses listed here are listed as "Applied Math" in the MPR taxonomy. (2) Under the category "Science," the HSTS taxonomy includes additional subcategories for Engineering, Astronomy, and Geology which do not appear in the MPR taxonomy. Many of these courses are included under the MPR category "Survey and Other: Specialized Topics." (3) The MPR taxonomy includes Special Education courses (coded 54.XXXX, 55.XXXX, and 56.XXXX) in content or skill-related categories. In the HSTS taxonomy they are included under "All Courses Other Than Above." (4) The MPR taxonomy divides many courses by level (i.e., basic/remedial, regular, advanced/honors/AP). The HSTS taxonomy includes subcategories for AP/Honors courses, but not the other subcategories. The MPR taxonomy divides foreign language courses in two ways - by year (1, 2, 3, 4 or more) and by language. The HSTS taxonomy divides foreign language courses only by language.

The Vocational Education category differs more than the Academic category between the two taxonomies. The major differences are: (1) The MPR taxonomy divides all vocational course categories into subcategories based on whether the course is an introductory course, a higher level course in the sequence, or a specialty course. The HSTS taxonomy reflects these sequences in a "Sequence Flag" attached to the code, rather than in the taxonomy itself. (2) The MPR taxonomy has a major category for "Consumer and Home-making Education" while the HSTS taxonomy does not. (3) The MPR taxonomy separates "Business" and "Business Support" while the HSTS taxonomy does not. (4) The MPR taxonomy includes separate subcategories for "Agriculture and Renewable Resources," "Mechanics and Repairs," "Precision Production," "Transportation and Material Moving." The HSTS taxonomy includes these courses under the broad category "Occupationally Specific Vocational Education."

The Personal Use and Other category in the MPR taxonomy includes a category "General Skills." Courses in this category are included in a variety of other categories in the HSTS taxonomy. The courses that the MPR taxonomy includes under "Military Science" are included in the HSTS category "All Other Courses." In the MPR taxonomy Driver Education is included in the category "Health, PE, and Recreational" while in the HSTS taxonomy it is a subcategory of the Personal and Social Development category.

The "All Other Courses" category in the HSTS taxonomy is substantial, particularly since it includes all courses limited in enrollment to students with handicaps. The MPR taxonomy includes all these courses under other categories.

Figure A—Organization of the Secondary School Taxonomy



SOURCE: A.G. Gifford, E.G. Hochlander, J.E. Tuma, *The Secondary School Taxonomy*, a report prepared for the National Assessment of Vocational Education, Office of Planning, Budget, and Evaluation, U.S. Department of Education (Berkeley: MPR Associates, Inc., February 1989).

each CSSC code is included in at least one category and in the sense that the 13 highest level categories uniquely represent all codes. Codes that were not used in the 1990 study, but were included in previous studies are listed for the sake of completeness but are labeled "UNUSED CODE." In Table 7 (see Appendix A) when 1982 or 1987 counts are shown for these codes, the original title and a cross-reference are given. For example the 1982 code 320116, Speed Writing, became the 1987 (and 1990) code 070613, Speed Writing. Codes are included for some 7th- and 8th-grade courses that were taken for high school credit.

HIERARCHICAL LISTING

English

- English 9
- English 10
- English 11
- English 12

AP/Honors English 12

- Any Remedial/Below Grade English
- English as a Second Language

Any Social Studies

History/Area Studies

- U.S. History
 - AP/Honors U.S. History
- World History
 - AP/Honors World History
- Nonwestern History
- Western History/Civilization
- Remedial/Below Grade History

Social Studies Other than History

- Civics/American Politics
- International Politics
- Economics
- Geography
- Sociology/Psychology

Mathematics

- Algebra I
- Algebra II
- Geometry
- Trigonometry
- Analysis/Precalculus
- Calculus
 - AP/Honors Calculus
- Statistics/Probability
- Remedial/Below Grade Math

Computer Science/Programming/Data Processing Science

- Biology
 - AP/Honors Biology
- Chemistry
 - AP/Honors Chemistry
- Physics
 - AP/Honors Physics
- Engineering
- Astronomy
- Geology

Foreign Languages

- French
- Spanish
- German

Foreign Language Other than French, Spanish or German
Latin
Japanese
Mandarin/Cantonese
Russian

Non-Occupationally Specific Vocational Education

Occupationally Specific Vocational Education
Occupationally Specific: General Introduction
Occupationally Specific: Agriculture
Occupationally Specific: Business
Occupationally Specific: Marketing and Distribution
Occupationally Specific: Health and Human Services
Occupationally Specific: Occupation/Home Economics
Occupationally Specific: Trade and Industry
Occupationally Specific: Technical

Visual and Performing Arts

Visual Arts
Dance
Theater Performance
Music Performance
Art or Music Appreciation/History

Physical Education, Health, and Sports

Physical Education
Health

Personal and Social Development

Drivers Education

Religion/Theology

All Courses Other Than Above

NUMERICAL CODING LIST

STUB:	ENGLISH	230123	IRISH LITERATURE
CSSC		230124	RUSSIAN LITERATURE
CODE	TITLE	230125	BIBLE AS LITERATURE
090100	COMMUNICATIONS, OTHER GENERAL	230126	MYTHOLOGY AND FABLE
090111	MASS MEDIA	230127	DRAMA, INTRODUCTION
090121	INTERCULTURAL COMMUNICATIONS	230128	WORLD DRAMA
090300	COMMUNICATIONS RESEARCH, OTHER	230129	PLAYS, MODERN SURVEY
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER	230130	NOVELS
090421	JOURNALISM INVESTIGATIONS	230131	SHORT STORY
090721	TELEVISION AND TASTE	230132	MYSTERIES
099900	COMMUNICATIONS, OTHER	230133	POETRY
160121	ENGLISH AS A SECOND LANGUAGE 1	230134	ROCK POETRY
160122	ENGLISH AS A SECOND LANGUAGE 2	230135	HUMOR
160123	ENGLISH AS A SECOND LANGUAGE 3	230136	BIOGRAPHY
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB	230137	NON FICTION
160125	TRANSITIONAL ENGLISH	230138	SCIENCE FICTION
230100	ENGLISH, OTHER GENERAL	230139	THEMES IN LITERATURE
230101	ENGLISH 7	230140	LITERATURE OF HUMAN VALUES
230102	ENGLISH 7, HONORS	230141	ETHNIC LITERATURE
230103	ENGLISH 8, BELOW GRADE LEVEL	230142	WOMEN IN LITERATURE
230104	ENGLISH 8	230143	SPORTS THROUGH LITERATURE
230105	ENGLISH 8, HONORS	230144	OCCULT LITERATURE
230106	ENGLISH 1, BELOW GRADE LEVEL	230145	PROTEST LITERATURE
230107	ENGLISH 1	230146	YOUTH AND LITERATURE
230108	ENGLISH 1, HONORS	230147	HEROES
230109	ENGLISH 2, BELOW GRADE LEVEL	230148	UTOPIAS
230110	ENGLISH 2	230149	DEATH
230111	ENGLISH 2, HONORS	230150	NOBEL PRIZE AUTHORS
230112	ENGLISH 3, BELOW GRADE LEVEL	230151	SEMINAR ON AN AUTHOR
230113	ENGLISH 3	230152	ENGLISH, REAL LIFE PROBLEM SOLVING
230114	ENGLISH 3, HONORS	230153	READING, INDEPENDENT STUDY
230115	ENGLISH 4, BELOW GRADE LEVEL	230154	RESEARCH TECHNIQUE
230116	ENGLISH 4	230155	CHILDREN'S LITERATURE & FANTASY
230117	ENGLISH 4, HONORS	230161 #	ENGLISH SKILLS 1 FOR VISUALLY IMPAIRED
230118	WORLD LITERATURE	230162 #	ENGLISH SKILLS 2 FOR VISUALLY IMPAIRED
230119	RENAISSANCE LITERATURE	230163 #	ENGLISH SKILLS 3 FOR VISUALLY IMPAIRED
230120	ROMANTICISM	230164 #	ENGLISH SKILLS 4 FOR VISUALLY IMPAIRED
230121	REALISM	230200	CLASSICS, OTHER
230122	LITERATURE, CONTEMPORARY	230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN CLASSICAL MYTHOLOGY
		230300	COMPARATIVE LITERATURE, OTHER



230311	COMPARATIVE LITERATURE	230900	RHETORIC, OTHER
230321	LATIN AMERICAN AUTHORS/LITERATURE	231000	SPEECH, DEBATE, AND FORENSICS, OTHER
230400	COMPOSITION, OTHER	231011	PUBLIC SPEAKING
230401	COMPOSITION, EXPOSITORY	231021	SPEECH 1
230402	WRITING LABORATORY	231022	SPEECH 2
230403	WRITING ABOUT LITERATURE	231023	SPEECH 3
230404	VOCABULARY	231031	DEBATE PRACTICUM CONTRACT
230405	SPELLING	231100	TECHNICAL AND BUSINESS WRITING, OTHER
230406	GRAMMAR 7	231111	TECHNICAL ENGLISH 1
230407	GRAMMAR 8	231211	READING DEVELOPMENT 1
230408	GRAMMAR 9	231212	READING DEVELOPMENT 2
230409	GRAMMAR 10	231213	READING DEVELOPMENT 3
230410	GRAMMAR 11	231214	READING DEVELOPMENT 4
230411	GRAMMAR 12	231215	SPEED READING
230412	ETYMOLOGY	231216	ADVANCED READING & STUDY SKILLS
230413	HANDWRITING	231311	FUNCTIONAL ENGLISH 1
230414	INTERPERSONAL COMMUNICATION	231312	FUNCTIONAL ENGLISH 2
230415	WORD STUDY - REMEDIAL	231313	FUNCTIONAL ENGLISH 3
230500	CREATIVE WRITING, OTHER	231314	FUNCTIONAL ENGLISH 4
230511	CREATIVE WRITING 10	239900	LETTERS, OTHER
230512	CREATIVE WRITING 11	320109	UNUSED CODE
230513	CREATIVE WRITING 12	320110	UNUSED CODE
230521	CREATIVE WRITING, INDEPENDENT STUDY	320111	UNUSED CODE
230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY), OTHER	320113	UNUSED CODE
	LINGUISTICS	320115	UNUSED CODE
230611	LITERATURE, AMERICAN, OTHER	320118	UNUSED CODE
230700	AMERICAN LITERATURE		
230711	BLACK LITERATURE		
230721	AMERICAN DREAM IN LITERATURE		
230731	FOLKLORE, AMERICAN		
230741	INDIAN LITERATURE		
230751	STATE WRITERS		
230761	WESTERN LITERATURE		
230771	MEXICAN AMERICAN LITERATURE		
230781	LITERATURE, ENGLISH, OTHER		
230800	BRITISH LITERATURE SURVEY		
230811	SHAKESPEARE		
230821	MODERN BRITISH WRITERS		
230831	VICTORIAN LITERATURE		
230841	SATIRE, MODERN BRITISH		
230851	ARTHURIAN LEGEND		
230861	MEDIEVAL LITERATURE		
230871			



STUB:	ENGLISH 9	ENGLISH 10
CSSC CODE	TITLE	TITLE
230106	ENGLISH 1, BELOW GRADE LEVEL	ENGLISH 2, BELOW GRADE LEVEL
230107	ENGLISH 1	ENGLISH 2
230108	ENGLISH 1, HONORS	ENGLISH 2, HONORS

STUB:	ENGLISH 11	ENGLISH 12
CSSC CODE	TITLE	TITLE
230112	ENGLISH 3, BELOW GRADE LEVEL	ENGLISH 4, BELOW GRADE LEVEL
230113	ENGLISH 3	ENGLISH 4
230114	ENGLISH 3, HONORS	ENGLISH 4, HONORS

STUB:	ENGLISH AS A SECOND LANGUAGE	STUB:	ANY SOCIAL STUDIES
CSSC CODE	TITLE	CSSC CODE	TITLE
160121	ENGLISH AS A SECOND LANGUAGE 1	050100	AREA STUDIES, OTHER
160122	ENGLISH AS A SECOND LANGUAGE 2	050101	AREA STUDIES
160123	ENGLISH AS A SECOND LANGUAGE 3	050102	AMERICAN STUDIES, BASIC
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB	050103	AMERICAN STUDIES, GENERAL
160125	TRANSITIONAL ENGLISH	050104	AMERICA'S PEOPLE AND PROBLEMS
		050105	AMERICAN STUDIES, HONORS
		050106	NEW ENGLAND STUDIES
		050107	OLD SOUTH
		050108	AMERICAN WEST
		050109	SOUTHWEST UNITED STATES
		050110	ANGLO AMERICA
		050111	NORTH AMERICA AND CURRENT EVENTS
		050112	NORTH AND SOUTH AMERICA
		050113	LATIN AMERICA
		050114	WORLD STUDIES 1
		050115	WORLD STUDIES 2
		050116	WORLD STUDIES, HONORS
		050117	COMPARATIVE WORLD CULTURES
		050118	EUROPEAN CULTURE STUDIES, BASIC
		050119	EUROPEAN CULTURE STUDIES, GENERAL
		050120	EUROPEAN CULTURE STUDIES, HONORS
		050121	DEVELOPING NATIONS
		050122	AFRICAN AREA STUDIES
		050123	AFRICA AND SOUTH AMERICA
		050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC
		050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL
		050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
		050127	ASIAN STUDIES
		050128	HISTORY OF CHINA
		050129	ASIA, AFRICA AND MIDEAST
		050130	AFRICA AND MIDDLE EAST
		050131	MIDDLE EASTERN STUDIES
		050132	MIDDLE EAST, WAR FOR SURVIVAL
		050133	U S S R
		050134	SOVIET UNION AND CHINA

050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS	420113	ABNORMAL PSYCHOLOGY
050136	HISTORY OF RUSSIA	420200	CLINICAL PSYCHOLOGY, OTHER
050137	NEGLECTED WORLD	420300	COGNITIVE PSYCHOLOGY, OTHER
050138	GLOBAL EDUCATION	420311	PSYCHOLOGY OF LEARNING
050139	PACIFIC RIM NATIONS	420321	EDUCATIONAL PSYCHOLOGY
050140	CANADIAN AREA STUDIES	420400	COMMUNITY PSYCHOLOGY, OTHER
050200	ETHNIC STUDIES, OTHER	420500	COMPARATIVE PSYCHOLOGY, OTHER
050211	MINORITIES IN AMERICA	420600	COUNSELING PSYCHOLOGY, OTHER
050221	ETHNIC AND FAMILY HERITAGE	420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
050231	AFRO AMERICAN STUDIES	420711	CHILD PSYCHOLOGY
050241	ECONOMICS OF AFRO AMERICANS	420721	ADOLESCENT PSYCHOLOGY
050251	INDIANS OF NORTH AMERICA	420731	ADJUSTMENT PSYCHOLOGY
050261	JEWISH HISTORICAL SIGNIFICANCE	420800	EXPERIMENTAL PSYCHOLOGY, OTHER
050271	MEXICAN AMERICAN HERITAGE	420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
050281	HAWAIIAN	421000	PERSONALITY PSYCHOLOGY, OTHER
050291	HAWAIIAN CULTURE STUDIES, MODERN AREA AND ETHNIC STUDIES, OTHER	421011	HISTORICAL PERSONALITIES AND IDEAS
059900	LAW, OTHER	421021	HUMANISTIC PSYCHOLOGY
220100	LAW FUNDAMENTALS	421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
220111	LAW AND YOU	421200	PSYCHOLINGUISTICS, OTHER
220121	STREET LAW	421300	PSYCHOMETRICS, OTHER
220131	HUMANITIES AND SOCIAL SCIENCES, OTHER	421400	PSYCHOPHARMACOLOGY, OTHER
300400	HUMANITIES	421411	PSYCHOPHARMACOLOGY
300411	HUMANITIES, EUROPEAN	421500	QUANTITATIVE PSYCHOLOGY, OTHER
300421	HUMANITIES, AMERICAN	421600	SOCIAL PSYCHOLOGY, OTHER
300431	HUMANITIES, AFRICAN	421611	SOCIAL PSYCHOLOGY
300441	HUMANITIES, NEAR EAST AND FAR EAST	429900	PSYCHOLOGY, OTHER
300451	PEACE STUDIES, OTHER	440100	PUBLIC AFFAIRS, OTHER GENERAL
300500	WOMEN'S STUDIES, OTHER	440200	COMMUNITY SERVICES, OTHER
300700	WOMEN'S STUDIES	440300	INTERNATIONAL PUBLIC SERVICE, OTHER
300711	WOMEN'S STUDIES IN LITERATURE	440400	PUBLIC ADMINISTRATION, OTHER
300721	UNUSED CODE	440500	PUBLIC POLICY STUDIES, OTHER
320119	UNUSED CODE	440600	PUBLIC WORKS, OTHER
330161	PHILOSOPHY, OTHER	440700	SOCIAL WORK, OTHER
380700	PHILOSOPHY	440711	HUMAN SERVICES
380111	ETHICS	449900	PUBLIC AFFAIRS, OTHER
380121	LOGIC	450100	SOCIAL SCIENCES, OTHER GENERAL
380131	EPISTEMICS	450111	SOCIAL SCIENCE, INTRODUCED RESEARCH
380141	SOCIAL JUSTICE ISSUES	450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH
380151	PSYCHOLOGY, OTHER GENERAL	450131	SOCIAL SCIENCE SEMINAR
420100	PSYCHOLOGY	450141	SOCIAL STUDIES, INDEPENDENT STUDY
420111	PSYCHOLOGY, ADVANCED	450200	ANTHROPOLOGY, OTHER
420112			

450211
450221
450231
450241
450300
450311
450400
450500
450511
450600
450601
450602
450603
450606
450607
450608
450609
450610
450611
450612
450700
450701
450702
450703
450704
450705

450706
450707
450708
450709
450710
450800
450801
450802
450803
450804
450805
450806
450807
450808

450809

ANTHROPOLOGY
COMPARATIVE CULTURAL PATTERNS
ANTHROPOLOGY, MYTH AND MAGIC
CULTURAL ANTHROPOLOGY, RESEARCH
ARCHAEOLOGY, OTHER
ARCHAEOLOGY
CRIMINOLOGY, OTHER
DEMOGRAPHY, OTHER
POPULATION EDUCATION
ECONOMICS, OTHER
ECONOMICS, THEORY
ECONOMICS AND ECONOMIC PROBLEMS
CONSUMER ECONOMICS
INVESTMENT ECONOMICS
TELEVISION AND ECONOMICS
ENERGY EDUCATION
AMERICAN LABOR HISTORY
ECONOMICS, ANALYSIS AND CRITICISM
ECONOMICS, COLLEGE
INTERNATIONAL ECONOMICS
GEOGRAPHY, OTHER
GEOGRAPHY 8
GEOGRAPHY, UNITED STATES
GEOGRAPHY, NORTH AMERICAN
WORLD GEOGRAPHY
GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
GEOGRAPHY, EASTERN HEMISPHERE
PHYSICAL GEOGRAPHY
ECONOMIC AND POLITICAL GEOGRAPHY
HUMAN AND CULTURAL GEOGRAPHY
FIELD GEOGRAPHY, HONORS
HISTORY, OTHER
HISTORY AND GEOGRAPHY 7
OUR CULTURAL HERITAGE 7
SOCIAL STUDIES 7, HONORS
UNITED STATES HISTORY 8
SOCIAL STUDIES 8
SOCIAL STUDIES 8, HONORS
UNITED STATES HISTORY, STATE AND LOCAL
UNITED STATES HISTORY, ADVANCED
PLACEMENT
AMERICAN HISTORY, BASIC

450810
450811
450812
450813
450814
450815
450816
450817
450818
450819
450820
450821
450822
450823
450824
450825
450826

450827
450828
450829
450830
450831
450832
450833
450834
450835
450836
450837
450838
450839

450840
450841
450842
450843
450844

450845
450846
450847
450848
450849

AMERICAN HISTORY
UNITED STATES HISTORY 1
UNITED STATES HISTORY 2
UNITED STATES HISTORY, HONORS
AMERICAN HISTORY, ADVANCED PLACEMENT
WESTWARD MOVEMENT
TWENTIETH CENTURY AMERICA
TWENTIES AND THIRTIES
AMERICA SINCE 1945
NINETEEN SIXTIES
NINETEEN SEVENTIES
REFORM IN AMERICAN HISTORY
AMERICAN INQUIRIES
HISTORIC EVENTS, UNITED STATES
AMERICAN WARS, CAUSES AND EFFECTS
CIVIL WAR
CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM
WAR AND MODERN CONSCIOUSNESS
WORLD WAR II
UNITED STATES MILITARY HISTORY 1
UNITED STATES MILITARY HISTORY 2
UNITED STATES HISTORY, FIELD STUDY
NORTH AMERICAN HISTORY
MEXICAN HISTORY
SOUTH AMERICAN HISTORY
WORLD HISTORY
WORLD HISTORY, COLLEGE
WORLD HISTORY, MODERN
WORLD CIVILIZATION, TWENTIETH CENTURY
WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS
WESTERN CIVILIZATION 9
WESTERN CIVILIZATION 9, HONORS
WESTERN CIVILIZATION, HISTORY
EARLY WESTERN CIVILIZATION
WESTERN CIVILIZATION, ADVANCED PLACEMENT
ANCIENT AND CLASSICAL WORLD
ANCIENT GREEK HISTORY
ROME AND HER EMPIRE
ANCIENT HISTORY AND MIDDLE AGES
ENGLISH HISTORY

450850	ENGLISH HISTORY, HONORS	451013	AMERICAN HERITAGE, HONORS
450851	FRENCH REVOLUTION, HONORS	451014	CONTEMPORARY AMERICAN POLITICAL ISSUES
450852	MODERN EUROPE	451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
450853	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURIES, ADVANCED PLACEMENT	451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC
450854	EUROPEAN HISTORY, TWENTIETH CENTURY	451017	AMERICAN GOVERNMENT AND ECONOMICS
450855	EUROPEAN HISTORY, ADVANCED READINGS	451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
450856	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT	451019	COMPARATIVE POLITICAL SYSTEMS, BASIC
450857	THIRD WORLD HISTORY	451020	COMPARATIVE WORLD GOVERNMENTS
450858	AFRICAN HISTORY	451021	AMERICANISM VS. COMMUNISM
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA	451022	AMERICANISM VS. COMMUNISM, HONORS
450860	LATIN AMERICAN HISTORY	451023	COMMUNISM AND ITS GROWTH
450861	MIDDLE EAST HISTORY	451024	CIVICS, HONORS
450862	ISRAEL, HISTORY	451025	WRITINGS INFLUENCING GOVERNMENT
450863	EASTERN CIVILIZATION	451026	GOVERNMENT INTERNSHIP
450864	FAR EAST, HISTORY	451027	MODEL SENATE
450865	ASIAN HISTORY, MODERN	451028	POLITICAL LEADERSHIP
450866	PACIFIC LANDS, HISTORY	451029	POLITICAL SCIENCE
450867	RUSSIAN HISTORY	451030	POLITICAL SCIENCE, ADVANCED PLACEMENT
450868	WORLD LEADERS, PAST AND PRESENT	451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY
450869	HISTORICAL RESEARCH	451032	POLITICAL TURMOIL
450900	INTERNATIONAL RELATIONS, OTHER	451033	CONTEMPORARY ISSUES, BASIC SKILLS
450911	INTERNATIONAL RELATIONS	451100	SOCIOLOGY, OTHER
450921	INTERNATIONAL RELATIONS, HONORS	451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION
450931	INTERNATIONAL LAW	451121	SOCIOLOGY, GENERAL
450941	MODEL SECURITY COUNCIL, LOCAL	451131	SOCIOLOGY, ISSUES
450951	MODEL UNITED NATIONS, LOCAL	451132	THE POOR IN AMERICA
450952	MODEL UNITED NATIONS, NATIONAL	451141	MOBILITY IN SOCIETY
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER	451151	VIOLENCE IN AMERICA
451001	CIVICS	451161	DEATH AND DYING
451002	STATE AND LOCAL GOVERNMENT	451171	SOCIOLOGY, HONORS
451003	GOVERNMENT, BASIC	451181	SOCIOLOGY, RESEARCH
451004	AMERICAN GOVERNMENT	451200	URBAN STUDIES, OTHER
451005	PRESIDENCY	451211	URBAN PROBLEMS
451006	FRAMEWORK OF THE CONSTITUTION	451221	URBAN ECOLOGY
451007	INDIVIDUAL VS. STATE	451231	TECHNOLOGY AND URBANIZATION
451008	NATIONAL STATE AND LOCAL ELECTIONS	459900	SOCIAL SCIENCES, OTHER
451009	ELECTIONS, POLITICS AND MORALITY, HONORS		
451010	CONTEMPORARY WORLD AFFAIRS		
451011	AMERICAN FOREIGN POLICY		
451012	DECISION MAKING IN A CRISIS		

STUB:	HISTORY	050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS
CSSC	TITLE	050136	HISTORY OF RUSSIA
CODE		050137	NEGLECTED WORLD
050100	AREA STUDIES, OTHER	050138	GLOBAL EDUCATION
050101	AREA STUDIES	050139	PACIFIC RIM NATIONS
050102	AMERICAN STUDIES, BASIC	050140	CANADIAN AREA STUDIES
050103	AMERICAN STUDIES, GENERAL	050200	ETHNIC STUDIES, OTHER
050104	AMERICA'S PEOPLE AND PROBLEMS	050211	MINORITIES IN AMERICA
050105	AMERICAN STUDIES, HONORS	050221	ETHNIC AND FAMILY HERITAGE
050106	NEW ENGLAND STUDIES	050231	AFRO AMERICAN STUDIES
050107	OLD SOUTH	050241	ECONOMICS OF AFRO AMERICANS
050108	AMERICAN WEST	050251	INDIANS OF NORTH AMERICA
050109	SOUTHWEST UNITED STATES	050261	JEWISH HISTORICAL SIGNIFICANCE
050110	ANGLO AMERICA	050271	MEXICAN AMERICAN HERITAGE
050111	NORTH AMERICA AND CURRENT EVENTS	050281	HAWAIIAN
050112	NORTH AND SOUTH AMERICA	050291	HAWAIIAN CULTURE STUDIES, MODERN
050113	LATIN AMERICA	059900	AREA AND ETHNIC STUDIES, OTHER
050114	WORLD STUDIES 1	330161	UNUSED CODE
050115	WORLD STUDIES 2	450801	HISTORY AND GEOGRAPHY 7
050116	WORLD STUDIES, HONORS	450802	OUR CULTURAL HERITAGE 7
050117	COMPARATIVE WORLD CULTURES	450803	SOCIAL STUDIES 7, HONORS
050118	EUROPEAN CULTURE STUDIES, BASIC	450804	UNITED STATES HISTORY 8
050119	EUROPEAN CULTURE STUDIES, GENERAL	450805	SOCIAL STUDIES 8
050120	EUROPEAN CULTURE STUDIES, HONORS	450806	SOCIAL STUDIES 8, HONORS
050121	DEVELOPING NATIONS	450807	UNITED STATES HISTORY, STATE AND LOCAL
050122	AFRICAN AREA STUDIES	450808	UNITED STATES HISTORY, ADVANCED
050123	AFRICA AND SOUTH AMERICA		PLACEMENT
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC	450809	AMERICAN HISTORY, BASIC
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL	450810	AMERICAN HISTORY
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS	450811	UNITED STATES HISTORY 1
050127	ASIAN STUDIES	450812	UNITED STATES HISTORY 2
050128	HISTORY OF CHINA	450813	UNITED STATES HISTORY, HONORS
050129	ASIA, AFRICA AND MIDEAST	450814	AMERICAN HISTORY, ADVANCED PLACEMENT
050130	AFRICA AND MIDDLE EAST	450815	WESTWARD MOVEMENT
050131	MIDDLE EASTERN STUDIES	450816	TWENTIETH CENTURY AMERICA
050132	MIDDLE EAST, WAR FOR SURVIVAL	450817	TWENTIES AND THIRTIES
050133	U S R	450818	AMERICA SINCE 1945
050134	SOVIET UNION AND CHINA	450819	NINETEEN SIXTIES
		450820	NINETEEN SEVENTIES
		450821	REFORM IN AMERICAN HISTORY
		450822	AMERICAN INQUIRIES
		450823	HISTORIC EVENTS, UNITED STATES

450824	AMERICAN WARS, CAUSES AND EFFECTS	450861	MIDDLE EAST HISTORY
450825	CIVIL WAR	450862	ISRAEL, HISTORY
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM	450863	EASTERN CIVILIZATION
450827	WAR AND MODERN CONSCIOUSNESS	450864	FAR EAST, HISTORY
450828	WORLD WAR II	450865	ASIAN HISTORY, MODERN
450829	UNITED STATES MILITARY HISTORY 1	450866	PACIFIC LANDS, HISTORY
450830	UNITED STATES MILITARY HISTORY 2	450867	RUSSIAN HISTORY
450831	UNITED STATES HISTORY, FIELD STUDY	450868	WORLD LEADERS, PAST AND PRESENT
450832	NORTH AMERICAN HISTORY	450869	HISTORICAL RESEARCH
450833	MEXICAN HISTORY		
450834	SOUTH AMERICAN HISTORY		
450835	WORLD HISTORY		
450836	WORLD HISTORY, COLLEGE		
450837	WORLD HISTORY, MODERN		
450838	WORLD CIVILIZATION, TWENTIETH CENTURY		
450839	WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS		
450840	WESTERN CIVILIZATION 9		
450841	WESTERN CIVILIZATION 9, HONORS		
450842	WESTERN CIVILIZATION, HISTORY		
450843	EARLY WESTERN CIVILIZATION		
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT		
450845	ANCIENT AND CLASSICAL WORLD		
450846	ANCIENT GREEK HISTORY		
450847	ROME AND HER EMPIRE		
450848	ANCIENT HISTORY AND MIDDLE AGES		
450849	ENGLISH HISTORY		
450850	ENGLISH HISTORY, HONORS		
450851	FRENCH REVOLUTION, HONORS		
450852	MODERN EUROPE		
450853	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURIES, ADVANCED PLACEMENT		
450854	EUROPEAN HISTORY, TWENTIETH CENTURY		
450855	EUROPEAN HISTORY, ADVANCED READINGS		
450856	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT		
450857	THIRD WORLD HISTORY		
450858	AFRICAN HISTORY		
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA		
450860	LATIN AMERICAN HISTORY		

STUB:	U. S. HISTORY	STUB:	AP/HONORS AMERICAN HISTORY
CSSC CODE	TITLE	CSSC CODE	TITLE
330161	UNUSED CODE	450814	AMERICAN HISTORY, ADVANCED PLACEMENT
450801	HISTORY AND GEOGRAPHY 7		
450802	OUR CULTURAL HERITAGE 7		
450803	SOCIAL STUDIES 7, HONORS		
450804	UNITED STATES HISTORY 8		
450805	SOCIAL STUDIES 8		
450806	SOCIAL STUDIES 8, HONORS		
450809	AMERICAN HISTORY, BASIC		
450810	AMERICAN HISTORY		
450811	UNITED STATES HISTORY 1		
450812	UNITED STATES HISTORY 2		
450813	UNITED STATES HISTORY, HONORS		
450814	AMERICAN HISTORY, ADVANCED PLACEMENT		
450815	WESTWARD MOVEMENT		
450816	TWENTIETH CENTURY AMERICA		
450821	REFORM IN AMERICAN HISTORY		
450822	AMERICAN INQUIRIES		
450824	AMERICAN WARS, CAUSES AND EFFECTS		
450825	CIVIL WAR		
450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM		
450831	UNITED STATES HISTORY, FIELD STUDY		
450832	NORTH AMERICAN HISTORY		

STUB:	WORLD HISTORY	STUB:	AP/HONORS WORLD HISTORY
CSSC CODE	TITLE	CSSC CODE	TITLE
050114	WORLD STUDIES 1	450844	WESTERN CIVILIZATION, ADVANCED
050115	WORLD STUDIES 2		PLACEMENT
050116	WORLD STUDIES, HONORS		
050117	COMPARATIVE WORLD CULTURES		
450835	WORLD HISTORY		
450836	WORLD HISTORY, COLLEGE		
450837	WORLD HISTORY, MODERN		
450838	WORLD CIVILIZATION, TWENTIETH CENTURY		
450839	WORLD CIVILIZATION, TWENTIETH CENTURY, HONORS		
450844	WESTERN CIVILIZATION, ADVANCED PLACEMENT		

STUB:	NON-WESTERN HISTORY	WESTERN HISTORY/CIVILIZATION
CSSC CODE	TITLE	TITLE
050113	LATIN AMERICA	EUROPEAN CULTURE STUDIES, BASIC
050121	DEVELOPING NATIONS	EUROPEAN CULTURE STUDIES, GENERAL
050122	AFRICAN AREA STUDIES	EUROPEAN CULTURE STUDIES, HONORS
050123	AFRICA AND SOUTH AMERICA	WESTERN CIVILIZATION 9
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC	WESTERN CIVILIZATION 9, HONORS
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL	WESTERN CIVILIZATION, HISTORY
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS	EARLY WESTERN CIVILIZATION
050127	ASIAN STUDIES	EUROPEAN HISTORY, MID-NINETEENTH THROUGH MID-TWENTIETH CENTURIES, ADVANCED PLACEMENT
050128	HISTORY OF CHINA	EUROPEAN HISTORY, MODERN, ADVANCED PLACEMENT
050129	ASIA, AFRICA AND MIDEAST	
050130	AFRICA AND MIDDLE EAST	
050131	MIDDLE EASTERN STUDIES	
050132	MIDDLE EAST, WAR FOR SURVIVAL	
050137	NEGLECTED WORLD	
050138	GLOBAL EDUCATION	
050139	PACIFIC RIM NATIONS	
450833	MEXICAN HISTORY	
450834	SOUTH AMERICAN HISTORY	
450857	THIRD WORLD HISTORY	
450858	AFRICAN HISTORY	
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA	
450860	LATIN AMERICAN HISTORY	
450861	MIDDLE EAST HISTORY	
450862	ISRAEL, HISTORY	
450863	EASTERN CIVILIZATION	
450864	FAR EAST, HISTORY	
450865	ASIAN HISTORY, MODERN	
450866	PACIFIC LANDS, HISTORY	



STUB: REMEDIAL/BELOW GRADE HIST

CSSC CODE	TITLE
330161	UNUSED CODE
450801	HISTORY AND GEOGRAPHY 7
450802	OUR CULTURAL HERITAGE 7
450804	UNITED STATES HISTORY 8
450805	SOCIAL STUDIES 8
450809	AMERICAN HISTORY, BASIC

STUB: SOCIAL STUDIES OTHER THAN HIST

CSSC CODE	TITLE
220100	LAW, OTHER
220111	LAW FUNDAMENTALS
220121	LAW AND YOU
220131	STREET LAW
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER
300411	HUMANITIES
300421	HUMANITIES, EUROPEAN
300431	HUMANITIES, AMERICAN
300441	HUMANITIES, AFRICAN
300451	HUMANITIES, NEAR EAST AND FAR EAST
300500	PEACE STUDIES, OTHER
300700	WOMEN'S STUDIES, OTHER
300711	WOMEN'S STUDIES
300721	WOMEN'S STUDIES IN LITERATURE
320119	UNUSED CODE
330161	UNUSED CODE
380100	PHILOSOPHY, OTHER
380111	PHILOSOPHY
380121	ETHICS
380131	LOGIC
380141	EPISTEMICS
380151	SOCIAL JUSTICE ISSUES
420100	PSYCHOLOGY, OTHER GENERAL
420111	PSYCHOLOGY
420112	PSYCHOLOGY, ADVANCED
420113	ABNORMAL PSYCHOLOGY
420200	CLINICAL PSYCHOLOGY, OTHER
420300	COGNITIVE PSYCHOLOGY, OTHER
420311	PSYCHOLOGY OF LEARNING
420321	EDUCATIONAL PSYCHOLOGY
420400	COMMUNITY PSYCHOLOGY, OTHER
420500	COMPARATIVE PSYCHOLOGY, OTHER
420600	COUNSELING PSYCHOLOGY, OTHER
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
420711	CHILD PSYCHOLOGY
420721	ADOLESCENT PSYCHOLOGY
420731	ADJUSTMENT PSYCHOLOGY
420800	EXPERIMENTAL PSYCHOLOGY, OTHER

420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER	450606	INVESTMENT ECONOMICS
421000	PERSONALITY PSYCHOLOGY, OTHER	450607	TELEVISION AND ECONOMICS
421011	HISTORICAL PERSONALITIES AND IDEAS	450608	ENERGY EDUCATION
421021	HUMANISTIC PSYCHOLOGY	450609	AMERICAN LABOR HISTORY
421100	PSYCHOLOGICAL PSYCHOLOGY, OTHER	450610	ECONOMICS, ANALYSIS AND CRITICISM
421200	PSYCHOLINGUISTICS, OTHER	450611	ECONOMICS, COLLEGE
421300	PSYCHOMETRICS, OTHER	450612	INTERNATIONAL ECONOMICS
421400	PSYCHOPHARMACOLOGY, OTHER	450700	GEOGRAPHY, OTHER
421411	PSYCHOPHARMACOLOGY	450701	GEOGRAPHY 8
421500	QUANTITATIVE PSYCHOLOGY, OTHER	450702	GEOGRAPHY, UNITED STATES
421600	SOCIAL PSYCHOLOGY, OTHER	450703	GEOGRAPHY, NORTH AMERICAN
421611	SOCIAL PSYCHOLOGY, OTHER	450704	WORLD GEOGRAPHY
429900	SOCIAL PSYCHOLOGY	450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
440100	PUBLIC AFFAIRS, OTHER GENERAL	450706	GEOGRAPHY, EASTERN HEMISPHERE
440200	COMMUNITY SERVICES, OTHER	450707	PHYSICAL GEOGRAPHY
440300	INTERNATIONAL PUBLIC SERVICE, OTHER	450708	ECONOMIC AND POLITICAL GEOGRAPHY
440400	PUBLIC ADMINISTRATION, OTHER	450709	HUMAN AND CULTURAL GEOGRAPHY
440500	PUBLIC POLICY STUDIES, OTHER	450710	FIELD GEOGRAPHY, HONORS
440600	PUBLIC WORKS, OTHER	450800	HISTORY, OTHER
440700	SOCIAL WORK, OTHER	450900	INTERNATIONAL RELATIONS, OTHER
440711	HUMAN SERVICES	450911	INTERNATIONAL RELATIONS
449900	PUBLIC AFFAIRS, OTHER	450921	INTERNATIONAL RELATIONS, HONORS
450100	SOCIAL SCIENCES, OTHER GENERAL	450931	INTERNATIONAL LAW
450111	SOCIAL SCIENCE, INTRODUCTION	450941	MODEL SECURITY COUNCIL, LOCAL
450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH	450951	MODEL UNITED NATIONS, LOCAL
450131	SOCIAL SCIENCE SEMINAR	450952	MODEL UNITED NATIONS, NATIONAL
450141	SOCIAL STUDIES, INDEPENDENT STUDY	451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER
450200	ANTHROPOLOGY, OTHER	451001	CIVICS
450211	ANTHROPOLOGY	451002	STATE AND LOCAL GOVERNMENT
450221	COMPARATIVE CULTURAL PATTERNS	451003	GOVERNMENT, BASIC
450231	ANTHROPOLOGY, MYTH AND MAGIC	451004	AMERICAN GOVERNMENT
450241	CULTURAL ANTHROPOLOGY, RESEARCH	451005	PRESIDENCY
450300	ARCHAEOLOGY, OTHER	451006	FRAMEWORK OF THE CONSTITUTION
450311	ARCHAEOLOGY	451007	INDIVIDUAL VS. STATE
450400	CRIMINOLOGY, OTHER	451008	NATIONAL STATE AND LOCAL ELECTIONS
450500	DEMOGRAPHY, OTHER	451009	ELECTIONS, POLITICS AND MORALITY, HONORS
450511	POPULATION EDUCATION	451010	CONTEMPORARY WORLD AFFAIRS
450600	ECONOMICS, OTHER	451011	AMERICAN FOREIGN POLICY
450601	ECONOMICS, THEORY	451012	DECISION MAKING IN A CRISIS
450602	ECONOMICS AND ECONOMIC PROBLEMS	451013	AMERICAN HERITAGE, HONORS
450603	CONSUMER ECONOMICS	451014	CONTEMPORARY AMERICAN POLITICAL ISSUES

451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS	STUB:	CIVICS/AMERICAN POLITICS
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC	CSSC CODE	TITLE
451017	AMERICAN GOVERNMENT AND ECONOMICS	451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER CIVICS
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS	451001	CIVICS
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	451002	STATE AND LOCAL GOVERNMENT
451020	COMPARATIVE WORLD GOVERNMENTS	451003	GOVERNMENT, BASIC
451021	AMERICANISM VS. COMMUNISM	451004	AMERICAN GOVERNMENT
451022	AMERICANISM VS. COMMUNISM, HONORS	451005	PRESIDENCY
451023	COMMUNISM AND ITS GROWTH	451006	FRAMEWORK OF THE CONSTITUTION
451024	CIVICS, HONORS	451007	INDIVIDUAL VS. STATE
451025	WRITINGS INFLUENCING GOVERNMENT	451008	NATIONAL STATE AND LOCAL ELECTIONS
451026	GOVERNMENT INTERNSHIP	451009	ELECTIONS, POLITICS AND MORALITY, HONORS
451027	MODEL SENATE	451012	DECISION MAKING IN A CRISIS
451028	POLITICAL LEADERSHIP	451013	AMERICAN HERITAGE, HONORS
451029	POLITICAL SCIENCE	451014	CONTEMPORARY AMERICAN POLITICAL ISSUES
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT	451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY	451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC
451032	POLITICAL TURMOIL	451017	AMERICAN GOVERNMENT AND ECONOMICS
451033	CONTEMPORARY ISSUES, BASIC SKILLS	451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
451100	SOCIOLOGY, OTHER	451024	CIVICS, HONORS
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION	451025	WRITINGS INFLUENCING GOVERNMENT
451121	SOCIOLOGY, GENERAL	451029	POLITICAL SCIENCE
451131	SOCIOLOGY, ISSUES	451030	POLITICAL SCIENCE, ADVANCED PLACEMENT
451132	THE POOR IN AMERICA	451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY
451141	MOBILITY IN SOCIETY	451032	POLITICAL TURMOIL
451151	VIOLENCE IN AMERICA		
451161	DEATH AND DYING		
451171	SOCIOLOGY, HONORS		
451181	SOCIOLOGY, RESEARCH		
451200	URBAN STUDIES, OTHER		
451211	URBAN PROBLEMS		
451221	URBAN ECOLOGY		
451231	TECHNOLOGY AND URBANIZATION		
459900	SOCIAL SCIENCES, OTHER		

STUB:	INTERNATIONAL POLITICS	ECONOMICS
CSSC CODE	TITLE	TITLE
450900	INTERNATIONAL RELATIONS, OTHER	ECONOMICS, OTHER
450911	INTERNATIONAL RELATIONS	ECONOMICS, THEORY
450921	INTERNATIONAL RELATIONS, HONORS	ECONOMICS AND ECONOMIC PROBLEMS
450931	INTERNATIONAL LAW	CONSUMER ECONOMICS
451010	CONTEMPORARY WORLD AFFAIRS	INVESTMENT ECONOMICS
451011	AMERICAN FOREIGN POLICY	TELEVISION AND ECONOMICS
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	ENERGY EDUCATION
451020	COMPARATIVE WORLD GOVERNMENTS	AMERICAN LABOR HISTORY
451021	AMERICANISM VS. COMMUNISM	ECONOMICS, ANALYSIS AND CRITICISM
451022	AMERICANISM VS. COMMUNISM, HONORS	ECONOMICS, COLLEGE
451023	COMMUNISM AND ITS GROWTH	INTERNATIONAL ECONOMICS
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT	

STUB:	GEOGRAPHY	STUB:	SOCIOLOGY/PSYCHOLOGY
CSSC CODE	TITLE	CSSC CODE	TITLE
450700	GEOGRAPHY, OTHER	420100	PSYCHOLOGY, OTHER GENERAL
450701	GEOGRAPHY 8	420111	PSYCHOLOGY
450702	GEOGRAPHY, UNITED STATES	420112	PSYCHOLOGY, ADVANCED
450703	GEOGRAPHY, NORTH AMERICAN	420113	ABNORMAL PSYCHOLOGY
450704	WORLD GEOGRAPHY	420200	CLINICAL PSYCHOLOGY, OTHER
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA	420300	COGNITIVE PSYCHOLOGY, OTHER
450706	GEOGRAPHY, EASTERN HEMISPHERE	420311	PSYCHOLOGY OF LEARNING
450707	PHYSICAL GEOGRAPHY	420321	EDUCATIONAL PSYCHOLOGY
450708	ECONOMIC AND POLITICAL GEOGRAPHY	420400	COMMUNITY PSYCHOLOGY, OTHER
450709	HUMAN AND CULTURAL GEOGRAPHY	420500	COMPARATIVE PSYCHOLOGY, OTHER
450710	FIELD GEOGRAPHY, HONORS	420600	COUNSELING PSYCHOLOGY, OTHER
		420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
		420711	CHILD PSYCHOLOGY
		420721	ADOLESCENT PSYCHOLOGY
		420731	ADJUSTMENT PSYCHOLOGY
		420800	EXPERIMENTAL PSYCHOLOGY, OTHER
		420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
			PERSONALITY PSYCHOLOGY, OTHER
		421000	HISTORICAL PERSONALITIES AND IDEAS
		421011	HUMANISTIC PSYCHOLOGY
		421021	PHYSIOLOGICAL PSYCHOLOGY, OTHER
		421100	PSYCHOLINGUISTICS, OTHER
		421200	PSYCHOMETRICS, OTHER
		421300	PSYCHOPHARMACOLOGY, OTHER
		421400	PSYCHOPHARMACOLOGY
		421411	QUANTITATIVE PSYCHOLOGY, OTHER
		421500	SOCIAL PSYCHOLOGY, OTHER
		421600	SOCIAL PSYCHOLOGY
		421611	PSYCHOLOGY, OTHER
		429900	SOCIOLOGY, OTHER
		451100	AMERICAN SOCIAL PROBLEMS, INTRODUCTION
		451111	SOCIOLOGY, GENERAL
		451121	SOCIOLOGY, ISSUES
		451131	THE POOR IN AMERICA
		451132	MOBILITY IN SOCIETY
		451141	VIOLENCE IN AMERICA
		451151	DEATH AND DYING
		451161	

451171
451181

SOCIOLOGY, HONORS
SOCIOLOGY, RESEARCH

MATHEMATICS

STUB:	CSSC CODE	TITLE
	270100	MATHEMATICS, OTHER GENERAL
	270101	MATHEMATICS 7
	270102	MATHEMATICS 7, ACCELERATED
	270103	MATHEMATICS 8
	270104	MATHEMATICS 8, ACCELERATED
	270105	UNUSED CODE
	270106	MATHEMATICS 1, GENERAL
	270107	MATHEMATICS 2, GENERAL
	270108	SCIENCE MATHEMATICS
	270109	MATHEMATICS IN THE ARTS
	270110	MATHEMATICS, VOCATIONAL
	270111	TECHNICAL MATHEMATICS
	270112	MATHEMATICS REVIEW
	270114	CONSUMER MATHEMATICS
	270200	ACTUARIAL SCIENCES, OTHER
	270300	APPLIED MATHEMATICS, OTHER
	270400	PURE MATHEMATICS, OTHER
	270401	PRE-ALGEBRA
	270402	ALGEBRA 1, PART 1
	270403	ALGEBRA 1, PART 2
	270404	ALGEBRA 1
	270405	ALGEBRA 2
	270406	GEOMETRY, PLANE
	270407	GEOMETRY, SOLID
	270408	GEOMETRY
	270409	GEOMETRY, INFORMAL
	270410	ALGEBRA 3
	270411	TRIGONOMETRY
	270412	ANALYTIC GEOMETRY
	270413	TRIGONOMETRY AND SOLID GEOMETRY
	270414	ALGEBRA AND TRIGONOMETRY
	270415	ALGEBRA AND ANALYTIC GEOMETRY
	270416	ANALYSIS, INTRODUCTORY
	270417	LINEAR ALGEBRA
	270418	CALCULUS AND ANALYTIC GEOMETRY
	270419	CALCULUS
	270420	CALCULUS, ADVANCED PLACEMENT
	270421	MATHEMATICS 1, UNIFIED

270422	MATHEMATICS 2, UNIFIED	ALGEBRA I	STUB:
270423	MATHEMATICS 3, UNIFIED		
270424	MATHEMATICS, INDEPENDENT STUDY		
270500	STATISTICS, OTHER	TITLE	
270511	STATISTICS		
270521	PROBABILITY	PRE-ALGEBRA	270401
270531	PROBABILITY AND STATISTICS	ALGEBRA 1, PART 1	270402
270601	BASIC MATH 1	ALGEBRA 1, PART 2	270403
270602	BASIC MATH 2	ALGEBRA 1	270404
270603	BASIC MATH 3	MATHEMATICS 1, UNIFIED	270421
270604	BASIC MATH 4		
279900	MATHEMATICS, OTHER		
320108	UNUSED CODE		

466

467

ALGEBRA II

STUB:

CSSC
CODE

270405
270410
270417

TITLE

ALGEBRA 2
ALGEBRA 3
LINEAR ALGEBRA

GEOMETRY

STUB:

CSSC
CODE

270406
270407
270408
270409
270412
270415
270422

TITLE

GEOMETRY, PLANE
GEOMETRY, SOLID
GEOMETRY
GEOMETRY, INFORMAL
ANALYTIC GEOMETRY
ALGEBRA AND ANALYTIC GEOMETRY
MATHEMATICS 2, UNIFIED

STUB:	TRIGONOMETRY	STUB:	ANALYSIS/PRECALCULUS
CSSC CODE	TITLE	CSSC CODE	TITLE
270411	TRIGONOMETRY	270416	ANALYSIS, INTRODUCTORY
270413	TRIGONOMETRY AND SOLID GEOMETRY		
270414	ALGEBRA AND TRIGONOMETRY		

STUB:	CALCULUS	STUB:	AP CALCULUS
CSSC CODE	TITLE	CSSC CODE	TITLE
270418	CALCULUS AND ANALYTIC GEOMETRY	270420	CALCULUS, ADVANCED PLACEMENT
270419	CALCULUS		
270420	CALCULUS, ADVANCED PLACEMENT		

STUB:	STATISTICS/PROBABILITY	REMEDIAL/BELOW GRADE MATH
CSSC CODE	TITLE	TITLE
270500	STATISTICS, OTHER	MATHEMATICS, OTHER GENERAL
270511	STATISTICS	MATHEMATICS 7
270521	PROBABILITY	MATHEMATICS 8
270531	PROBABILITY AND STATISTICS	UNUSED CODE
		MATHEMATICS 1, GENERAL
		MATHEMATICS 2, GENERAL
		BASIC MATH 1
		BASIC MATH 2
		BASIC MATH 3
		BASIC MATH 4

474

475

STUB:	COMPUTER SCIENCE/PROG/DATA PROCESSING	110500 119900	SYSTEMS ANALYSIS, OTHER COMPUTER AND INFORMATION SCIENCES, OTHER
CSSC CODE	TITLE	150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)
070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER		
070311	COMPUTERS IN BUSINESS		
070321	BUSINESS DATA PROCESSING 1		
070322	BUSINESS DATA PROCESSING 2		
070331	BUSINESS COMPUTER PROGRAMMING 1		
070332	BUSINESS COMPUTER PROGRAMMING 2		
070361	KEYBOARDING		
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL		
110111	COMPUTER APPRECIATION		
110121	COMPUTER MATHEMATICS 1		
110122	COMPUTER MATHEMATICS 2		
110131	COMPUTER APPLICATIONS		
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY		
110141	COMPUTER SCIENCE, ADVANCED PLACEMENT		
110151	ARTIFICIAL INTELLIGENCE		
110200	COMPUTER PROGRAMMING, OTHER		
110211	COMPUTER PROGRAMMING 1		
110212	COMPUTER PROGRAMMING 2		
110213	COMPUTER PROGRAMMING 3		
110221	FORTRAN, INTRODUCTION		
110231	PASCAL, INTRODUCTION		
110232	ADVANCED PASCAL		
110241	BASIC, INTRODUCTION		
110242	ADVANCED BASIC		
110251	COBOL, INTRODUCTION		
110252	ADVANCED COBOL		
110261	LOGO, INTRODUCTION		
110271	RPG PROGRAMMING, INTRODUCTION		
110300	DATA PROCESSING, OTHER		
110311	DATA PROCESSING, INTRODUCTION		
110312	DATA PROCESSING, INTERMEDIATE		
110313	DATA PROCESSING, ADVANCED		
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION		
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER		

STUB:	SCIENCE		
CSSC	TITLE		
140100	ENGINEERING, OTHER GENERAL	142300	ENGINEERING, OTHER
140111	ORIENTATION TO ENGINEERING	142400	NUCLEAR ENGINEERING, OTHER
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING, OTHER	142500	OCEAN ENGINEERING, OTHER
140211	AEROSPACE MATERIALS	142600	PETROLEUM ENGINEERING, OTHER
140221	AEROSPACE ENGINEERING DESIGN	142611	SURVEYING AND MAPPING SCIENCES, OTHER
140300	AGRICULTURAL ENGINEERING, OTHER	142700	CARTOGRAPHY
140400	ARCHITECTURAL ENGINEERING, OTHER	142800	SYSTEMS ENGINEERING, OTHER
140411	STRENGTH OF MATERIALS - ARCHITECTURAL	149900	TEXTILE ENGINEERING, OTHER
140500	BIOENGINEERING AND BIOMEDICAL ENGINEERING, OTHER	260100	ENGINEERING, OTHER
140600	CERAMIC ENGINEERING, OTHER	260111	BIOLOGY, OTHER GENERAL
140700	CHEMICAL ENGINEERING, OTHER	260121	SCIENCE 7
140800	CIVIL ENGINEERING, OTHER	260122	BIOLOGY, BASIC 1
140900	COMPUTER ENGINEERING, OTHER	260131	BIOLOGY, BASIC 2
141000	ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS ENGINEERING, OTHER	260132	BIOLOGY, GENERAL 1
141100	ENGINEERING MECHANICS, OTHER	260141	BIOLOGY, GENERAL 2
141200	ENGINEERING RELATED, OTHER	260142	BIOLOGY, HONORS 1
141211	INSTRUMENTATION PHYSICS 1	260151	BIOLOGY, ADVANCED
141212	INSTRUMENTATION PHYSICS 2	260161	FIELD BIOLOGY
141213	INSTRUMENTATION PHYSICS 3	260171	GENETICS
141214	INSTRUMENTATION PHYSICS 4 /ADVANCED PLACEMENT	260181	BIOPSYCHOLOGY
141300	ENGINEERING SCIENCE, OTHER	260200	BIOLOGY (EMINA)
141400	ENVIRONMENTAL HEALTH ENGINEERING, OTHER	260211	BIOCHEMISTRY AND BIOPHYSICS, OTHER
141500	OTHER	260300	BIOCHEMISTRY
141600	GEOLOGICAL ENGINEERING, OTHER	260311	BOTANY, OTHER
141700	GEOPHYSICAL ENGINEERING, OTHER	260411	BOTANY
141800	INDUSTRIAL ENGINEERING, OTHER	260500	CELL BIOLOGY
141900	MATERIALS, ENGINEERING, OTHER	260511	MICROBIOLOGY, OTHER
141911	MECHANICAL ENGINEERING, OTHER	260600	MICROBIOLOGY
142000	STRENGTH OF MATERIALS - MECHANICAL TECHNOLOGY	260611	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER
142011	METALLURGICAL ENGINEERING, OTHER	260621	ECOLOGY
142100	METALLURGY/POWDER METAL BASICS	260622	MARINE BIOLOGY
142200	MINING AND MINERAL ENGINEERING, OTHER	260631	MARINE BIOLOGY, ADVANCED
	NAVAL ARCHITECTURE AND MARINE	260700	ANATOMY
		260711	ZOOLOGY, OTHER
		260721	ZOOLOGY
		260731	ZOOLOGY, VERTEBRATE
		260741	ZOOLOGY, INVERTEBRATE
		260751	ANIMAL BEHAVIOR
		260752	PHYSIOLOGY, HUMAN
		260761	PHYSIOLOGY, ADVANCED
		260771	PATHOLOGY
			COMPARATIVE EMBRYOLOGY

269900	LIFE SCIENCES, OTHER	400822	PHYSICS 2
300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER	400831	PHYSICS 2 WITHOUT CALCULUS
300111	SCIENCE, UNIFIED	400841	ELECTRICITY AND ELECTRONICS SCIENCE
300112	COLLEGE PRE-SCIENCE SKILLS	400851	ACOUSTICS
300121	SCIENCE STUDY, INDEPENDENT	400900	PLANETARY SCIENCE, OTHER
300131	OUTDOOR EDUCATION	400911	ROCKETRY AND SPACE SCIENCE
300300	ENGINEERING AND OTHER DISCIPLINES, OTHER	401011	AEROSPACE SCIENCE
300311	ENGINEERING CONCEPTS	409900	PHYSICAL SCIENCES, OTHER
300600	SYSTEMS SCIENCE, OTHER	410100	BIOLOGICAL TECHNOLOGIES, OTHER
300611	FUTURISTICS	410200	NUCLEAR TECHNOLOGIES, OTHER
300621	ENVIRONMENTAL SCIENCE	410211	RADIOACTIVITY
300631	ENERGY AND ENVIRONMENT	410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
400100	PHYSICAL SCIENCES, OTHER GENERAL	419900	SCIENCE TECHNOLOGIES, OTHER
400111	SCIENCE 8		
400121	PHYSICAL SCIENCE		
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES		
400141	PHYSICAL SCIENCE, APPLIED		
400200	ASTRONOMY, OTHER		
400211	ASTRONOMY		
400300	ASTROPHYSICS, OTHER		
400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER		
400411	METEOROLOGY		
400500	CHEMISTRY, OTHER		
400511	CHEMISTRY, INTRODUCTORY		
400521	CHEMISTRY 1		
400522	CHEMISTRY 2		
400531	ORGANIC CHEMISTRY		
400541	PHYSICAL CHEMISTRY		
400551	CONSUMER CHEMISTRY		
400561	CHEMISTRY, INDEPENDENT STUDY		
400600	GEOLOGICAL SCIENCES, OTHER		
400611	EARTH SCIENCE		
400621	EARTH SCIENCE, COLLEGE PREPARATORY		
400631	GEOLOGY		
400632	GEOLOGY - FIELD STUDIES		
400641	MINERALOGY		
400700	MISCELLANEOUS PHYSICAL SCIENCES, OTHER		
400711	OCEANOGRAPHY		
400800	PHYSICS, OTHER		
400811	PHYSICS, GENERAL		
400821	PHYSICS 1		



STUB:	BIOLOGY	STUB:	AP/HONORS BIOLOGY
CSSC CODE	TITLE	CSSC CODE	TITLE
260100	BIOLOGY, OTHER GENERAL	260142	BIOLOGY, ADVANCED
260111	SCIENCE 7		
260121	BIOLOGY, BASIC 1		
260122	BIOLOGY, BASIC 2		
260131	BIOLOGY, GENERAL 1		
260132	BIOLOGY, GENERAL 2		
260141	BIOLOGY, HONORS 1		
260142	BIOLOGY, ADVANCED		
260151	FIELD BIOLOGY		
260161	GENETICS		
260171	BIOPSYCHOLOGY		
260181	BIOLOGY SEMINAR		
260200	BIOCHEMISTRY AND BIOPHYSICS, OTHER		
260211	BIOCHEMISTRY		
260300	BOTANY, OTHER		
260311	BOTANY		
260411	CELL BIOLOGY		
260500	MICROBIOLOGY, OTHER		
260511	MICROBIOLOGY		
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER		
260611	ECOLOGY		
260621	MARINE BIOLOGY		
260622	MARINE: BIOLOGY, ADVANCED		
260631	ANATOMY		
260700	ZOOLOGY, OTHER		
260711	ZOOLOGY		
260721	ZOOLOGY, VERTEBRATE		
260731	ZOOLOGY, INVERTEBRATE		
260741	ANIMAL BEHAVIOR		
260751	PHYSIOLOGY, HUMAN		
260752	PHYSIOLOGY, ADVANCED		
260761	PATHOLOGY		
260771	COMPARATIVE EMBRYOLOGY		
269900	LIFE SCIENCES, OTHER		

STUB: CHEMISTRY AP/HONORS CHEMISTRY

CSSC CODE TITLE

400131 CHEMISTRY AND PHYSICS LABORATORY CHEMISTRY 2

400500 TECHNIQUES

400511 CHEMISTRY, OTHER

400521 CHEMISTRY, INTRODUCTORY

400522 CHEMISTRY 1

400531 CHEMISTRY 2

400541 ORGANIC CHEMISTRY

400551 PHYSICAL CHEMISTRY

400561 CONSUMER CHEMISTRY

CHEMISTRY, INDEPENDENT STUDY

7 1

STUB:	PHYSICS	AP/HONORS PHYSICS
CSSC CODE	TITLE	TITLE
400800	PHYSICS, OTHER	PHYSICS 2
400811	PHYSICS, GENERAL	
400821	PHYSICS 1	
400822	PHYSICS 2	
400831	PHYSICS 2 WITHOUT CALCULUS	
400841	ELECTRICITY AND ELECTRONICS SCIENCE	
400851	ACOUSTICS	

7 1

STUB:	ENGINEERING	142200	NAVAL ARCHITECTURE AND MARINE
CSSC	TITLE		ENGINEERING, OTHER
CODE			NUCLEAR ENGINEERING, OTHER
140100	ENGINEERING, OTHER GENERAL	142300	OCEAN ENGINEERING, OTHER
140111	ORIENTATION TO ENGINEERING	142400	PETROLEUM ENGINEERING, OTHER
140200	AEROSPACE, AERONAUTICAL, AND	142500	SURVEYING AND MAPPING SCIENCES, OTHER
	ASTRONAUTICAL ENGINEERING, OTHER	142611	CARTOGRAPHY
140211	AEROSPACE MATERIALS	142700	SYSTEMS ENGINEERING, OTHER
140221	AEROSPACE ENGINEERING DESIGN	142800	TEXTILE ENGINEERING, OTHER
140300	AGRICULTURAL ENGINEERING, OTHER	149900	ENGINEERING, OTHER
140400	ARCHITECTURAL ENGINEERING, OTHER	300300	ENGINEERING AND OTHER DISCIPLINES, OTHER
140411	STRENGTH OF MATERIALS - ARCHITECTURAL	300311	ENGINEERING CONCEPTS
140500	BIOENGINEERING AND BIOMEDICAL	410100	BIOLOGICAL TECHNOLOGIES, OTHER
	ENGINEERING, OTHER	410200	NUCLEAR TECHNOLOGIES, OTHER
140600	CERAMIC ENGINEERING, OTHER	410211	RADIOACTIVITY
140700	CHEMICAL ENGINEERING, OTHER	410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
140800	CIVIL ENGINEERING, OTHER	419900	SCIENCE TECHNOLOGIES, OTHER
140900	COMPUTER ENGINEERING, OTHER		
141000	ELECTRICAL, ELECTRONICS, AND		
	COMMUNICATIONS ENGINEERING, OTHER		
141100	ENGINEERING MECHANICS, OTHER		
141200	ENGINEERING RELATED, OTHER		
141211	INSTRUMENTATION PHYSICS 1		
141212	INSTRUMENTATION PHYSICS 2		
141213	INSTRUMENTATION PHYSICS 3		
141214	INSTRUMENTATION PHYSICS 4 /ADVANCED		
	PLACEMENT		
141300	ENGINEERING SCIENCE, OTHER		
141400	ENVIRONMENTAL HEALTH ENGINEERING,		
	OTHER		
141500	GEOLOGICAL ENGINEERING, OTHER		
141600	GEOPHYSICAL ENGINEERING, OTHER		
141700	INDUSTRIAL ENGINEERING, OTHER		
141800	MATERIALS, ENGINEERING, OTHER		
141900	MECHANICAL ENGINEERING, OTHER		
141911	STRENGTH OF MATERIALS - MECHANICAL		
	TECHNOLOGY		
142000	METALLURGICAL ENGINEERING, OTHER		
142011	METALLURGY/POWDER METAL BASICS		
142100	MINING AND MINERAL ENGINEERING, OTHER		

STUB: ASTRONOMY
 CSSC CODE TITLE
 400200 ASTRONOMY, OTHER
 400211 ASTRONOMY
 400300 ASTROPHYSICS, OTHER

STUB: GEOLOGY
 CSSC CODE TITLE
 400600 GEOLOGICAL SCIENCES, OTHER
 400611 EARTH SCIENCE
 400621 EARTH SCIENCE, COLLEGE PREPARATORY
 400631 GEOLOGY
 400632 GEOLOGY - FIELD STUDIES
 400641 MINERALOGY
 400700 MISCELLANEOUS PHYSICAL SCIENCES, OTHER
 400711 OCEANOGRAPHY

STUB:	FOREIGN LANGUAGES	160400	BALTO-SLAVIC LANGUAGES, OTHER
CSSC	TITLE	160411	UKRAINIAN 1
090811	SIGN LANGUAGE 1	160421	RUSSIAN 1
090812	SIGN LANGUAGE 2	160422	RUSSIAN 2
090821	BRAILLE COMMUNICATIONS	160423	RUSSIAN 3
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER	160424	RUSSIAN 4
		160425	RUSSIAN 5
		160426	RUSSIAN 6
		160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN INDEPENDENT STUDY
160111	FOREIGN LANGUAGE, EXPLORATORY	160431	CZECH 1
160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER	160432	CZECH 2
160211	SWAHILI 1	160433	CZECH 3
160212	SWAHILI 2	160441	POLISH 1
160221	AMHARIC 1 (ETHIOPIAN)	160442	POLISH 2
160222	AMHARIC 2 (ETHIOPIAN)	160443	POLISH 3
160300	ASIATIC LANGUAGES, OTHER	160444	POLISH 4
160311	CANTONESE 1	160451	FINNISH 1
160312	CANTONESE 2	160452	FINNISH 2
160313	CANTONESE 3	160453	FINNISH 3
160314	CANTONESE 4	160454	FINNISH 4
160321	MANDARIN 1	160500	GERMANIC LANGUAGES, OTHER
160322	MANDARIN 2	160501 #	DUTCH 1
160323	MANDARIN 3	160502 #	DUTCH 2
160324	MANDARIN 4	160503 #	DUTCH 3
160325	MANDARIN 5	160511	GERMAN 7
160331	JAPANESE 1	160512	GERMAN 8
160332	JAPANESE 2	160513	GERMAN 1
160333	JAPANESE 3	160514	GERMAN 2
160334	JAPANESE 4	160515	GERMAN 3
160335	JAPANESE 5	160516	GERMAN 4
160336	FOREIGN LANGUAGE CONTRACT, JAPANESE INDEPENDENT STUDY	160517	GERMAN, ADVANCED PLACEMENT
160341	HAWAIIAN 1	160518	GERMAN FIELD-BASED EXPERIENCE
160342	HAWAIIAN 2	160519	FOREIGN LANGUAGE CONTRACT, GERMAN INDEPENDENT STUDY
160343	HAWAIIAN 3		NORWEGIAN 1
160344	HAWAIIAN 4	160521	NORWEGIAN 2
160345	HAWAIIAN LANGUAGE AND CULTURE	160531	SWEDISH 1
160351	KOREAN 1	160532	SWEDISH 2
160352	KOREAN 2	160533	SWEDISH 3
160353	KOREAN 3	160541	YIDDISH 1
160354	KOREAN 4	160542	YIDDISH 2
160355	KOREAN 5	160543	YIDDISH 3

160600	GREEK, OTHER	160929	PORTUGUESE 4
160611	MODERN GREEK FOR SURVIVAL	160930	PORTUGUESE 5
160621	MODERN GREEK	160931	SPANISH 7
160622	MODERN GREEK 2	160932	SPANISH 8
160623	MODERN GREEK 3	160933	SPANISH 1
160624	MODERN GREEK 4	160934	SPANISH 2
160631	CLASSICAL GREEK 1	160935	SPANISH 3
160632	CLASSICAL GREEK 2	160936	SPANISH 4
160633	CLASSICAL GREEK 3	160937	SPANISH, ADVANCED PLACEMENT
160634	CLASSICAL GREEK 4	160938	SPANISH FIELD-BASED EXPERIENCE
160700	INDIC LANGUAGES, OTHER	160939	FOREIGN LANGUAGE CONTRACT, SPANISH INDEPENDENT STUDY
160800	IRANIAN LANGUAGES, OTHER	160941	SPANISH FOR TRAVELERS
160900	ITALIC LANGUAGES, OTHER	160942	SPANISH, COMMERCIAL
160901	FRENCH 7	161000	NATIVE AMERICAN LANGUAGES, OTHER
160902	FRENCH 8	161100	SEMITIC LANGUAGES, OTHER
160903	FRENCH 1	161111	HEBREW 1
160904	FRENCH 2	161112	HEBREW 2
160905	FRENCH 3	161113	HEBREW 3
160906	FRENCH 4	161114	HEBREW 4
160907	FRENCH, ADVANCED PLACEMENT	161115	ARABIC 1
160908	FRENCH FIELD-BASED EXPERIENCE	161116	ARABIC 2
160909	FOREIGN LANGUAGE CONTRACT, FRENCH INDEPENDENT STUDY	161117	ARABIC 3
160910	FRENCH, CONVERSATIONAL	161118	ARABIC 4
160911	ITALIAN 7	161119	FOREIGN LANGUAGE CONTRACT - ARABIC INDEPENDENT STUDY
160912	ITALIAN 8	161211	TURKISH 1
160913	ITALIAN 1	161212	TURKISH 2
160914	ITALIAN 2	169900	FOREIGN LANGUAGES, OTHER
160915	ITALIAN 3		
160916	ITALIAN 4		
160917	ITALIAN, ADVANCED PLACEMENT		
160918	ITALIAN FIELD-BASED EXPERIENCE		
160919	FOREIGN LANGUAGE CONTRACT, ITALIAN INDEPENDENT STUDY		
160920	LATIN 1		
160921	LATIN 2		
160922	LATIN 3		
160923	LATIN 4		
160924	LATIN, ADVANCED PLACEMENT		
160925	FOREIGN LANGUAGE CONTRACT, LATIN		
160926	PORTUGUESE 1		
160927	PORTUGUESE 2		
160928	PORTUGUESE 3		

STUB:	FRENCH	SPANISH
CSSC CODE	TITLE	TITLE
160901	FRENCH 7	SPANISH 7
160902	FRENCH 8	SPANISH 8
160903	FRENCH 1	SPANISH 1
160904	FRENCH 2	SPANISH 2
160905	FRENCH 3	SPANISH 3
160906	FRENCH 4	SPANISH 4
160907	FRENCH, ADVANCED PLACEMENT	SPANISH, ADVANCED PLACEMENT
160908	FRENCH FIELD-BASED EXPERIENCE	SPANISH FIELD-BASED EXPERIENCE
160909	FOREIGN LANGUAGE CONTRACT, FRENCH INDEPENDENT STUDY	FOREIGN LANGUAGE CONTRACT, SPANISH INDEPENDENT STUDY
160910	FRENCH, CONVERSATIONAL	SPANISH FOR TRAVELERS SPANISH, COMMERCIAL

STUB:	GERMAN	STUB:	FOR LANG OTHER FR,SP,OR GER
CSSC CODE	TITLE	CSSC CODE	TITLE
160511	GERMAN 7	090811	SIGN LANGUAGE 1
160512	GERMAN 8	090812	SIGN LANGUAGE 2
160513	GERMAN 1	090821	BRILLE COMMUNICATIONS
160514	GERMAN 2	160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER
160515	GERMAN 3		
160516	GERMAN 4	160111	FOREIGN LANGUAGE, EXPLORATORY
160517	GERMAN, ADVANCED PLACEMENT	160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER
160518	GERMAN FIELD-BASED EXPERIENCE	160211	SWAHILI 1
160519	FOREIGN LANGUAGE CONTRACT, GERMAN INDEPENDENT STUDY	160212	SWAHILI 2
		160221	AMHARIC 1 (ETHIOPIAN)
		160222	AMHARIC 2 (ETHIOPIAN)
		160300	ASIATIC LANGUAGES, OTHER
		160311	CANTONESE 1
		160312	CANTONESE 2
		160313	CANTONESE 3
		160314	CANTONESE 4
		160321	MANDARIN 1
		160322	MANDARIN 2
		160323	MANDARIN 3
		160324	MANDARIN 4
		160325	MANDARIN 5
		160331	JAPANESE 1
		160332	JAPANESE 2
		160333	JAPANESE 3
		160334	JAPANESE 4
		160335	JAPANESE 5
		160336	FOREIGN LANGUAGE CONTRACT, JAPANESE INDEPENDENT STUDY
		160341	HAWAIIAN 1
		160342	HAWAIIAN 2
		160343	HAWAIIAN 3
		160344	HAWAIIAN 4
		160345	HAWAIIAN LANGUAGE AND CULTURE
		160351	KOREAN 1
		160352	KOREAN 2
		160353	KOREAN 3
		160354	KOREAN 4
		160355	KOREAN 5

160400	BALTO-SLAVIC LANGUAGES, OTHER	160700	INDIC LANGUAGES, OTHER
160411	UKRAINIAN 1	160800	IRANIAN LANGUAGES, OTHER
160421	RUSSIAN 1	160900	ITALIC LANGUAGES, OTHER
160422	RUSSIAN 2	160911	ITALIAN 7
160423	RUSSIAN 3	160912	ITALIAN 8
160424	RUSSIAN 4	160913	ITALIAN 1
160425	RUSSIAN 5	160914	ITALIAN 2
160426	RUSSIAN 6	160915	ITALIAN 3
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN INDEPENDENT STUDY	160916	ITALIAN 4
160431	CZECH 1	160917	ITALIAN, ADVANCED PLACEMENT
160432	CZECH 2	160918	ITALIAN FIELD-BASED EXPERIENCE
160433	CZECH 3	160919	FOREIGN LANGUAGE CONTRACT, ITALIAN INDEPENDENT STUDY
160441	POLISH 1	160920	LATIN 1
160442	POLISH 2	160921	LATIN 2
160443	POLISH 3	160922	LATIN 3
160444	POLISH 4	160923	LATIN 4
160451	FINNISH 1	160924	LATIN, ADVANCED PLACEMENT
160452	FINNISH 2	160925	FOREIGN LANGUAGE CONTRACT, LATIN
160453	FINNISH 3	160926	PORTUGUESE 1
160454	FINNISH 4	160927	PORTUGUESE 2
160500	GERMANIC LANGUAGES, OTHER	160928	PORTUGUESE 3
160501 #	DUTCH 1	160929	PORTUGUESE 4
160502 #	DUTCH 2	160930	PORTUGUESE 5
160503 #	DUTCH 3	161000	NATIVE AMERICAN LANGUAGES, OTHER
160521	NORWEGIAN 1	161100	SEMITIC LANGUAGES, OTHER
160522	NORWEGIAN 2	161111	HEBREW 1
160531	SWEDISH 1	161112	HEBREW 2
160532	SWEDISH 2	161113	HEBREW 3
160533	SWEDISH 3	161114	HEBREW 4
160541	YIDDISH 1	161115	ARABIC 1
160542	YIDDISH 2	161116	ARABIC 2
160543	YIDDISH 3	161117	ARABIC 3
160600	GREEK, OTHER	161118	ARABIC 4
160611	MODERN GREEK FOR SURVIVAL	161119	FOREIGN LANGUAGE CONTRACT - ARABIC INDEPENDENT STUDY
160621	MODERN GREEK	161211	TURKISH 1
160622	MODERN GREEK 2	161212	TURKISH 2
160623	MODERN GREEK 3	169900	FOREIGN LANGUAGES, OTHER
160624	MODERN GREEK 4		
160631	CLASSICAL GREEK 1		
160632	CLASSICAL GREEK 2		
160633	CLASSICAL GREEK 3		
160634	CLASSICAL GREEK 4		

STUB:	LATIN	JAPANESE
CSSC	TITLE	TITLE
CODE		
160920	LATIN 1	JAPANESE 1
160921	LATIN 2	JAPANESE 2
160922	LATIN 3	JAPANESE 3
160923	LATIN 4	JAPANESE 4
160924	LATIN, ADVANCED PLACEMENT	JAPANESE 5
160925	FOREIGN LANGUAGE CONTRACT, LATIN	FOREIGN LANGUAGE CONTRACT, JAPANESE
		INDEPENDENT STUDY

STUB:	MANDARIN/CANTONESE	RUSSIAN
CSSC CODE	TITLE	TITLE
160311	CANTONESE 1	RUSSIAN 1
160312	CANTONESE 2	RUSSIAN 2
160313	CANTONESE 3	RUSSIAN 3
160314	CANTONESE 4	RUSSIAN 4
160321	MANDARIN 1	RUSSIAN 5
160322	MANDARIN 2	RUSSIAN 6
160323	MANDARIN 3	FOREIGN LANGUAGE CONTRACT, RUSSIAN
160324	MANDARIN 4	INDEPENDENT STUDY
160325	MANDARIN 5	

STUB:	NON-OCC SPECIFIC VOC ED	TITLE		BROADCASTING
CSSC				RADIO/TELEVISION, OTHER GENERAL
CODE				BROADCASTING, INTRODUCTION
040100		ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER GENERAL	090700	CRYPTOGRAPHY
040200		ARCHITECTURE, OTHER	090711	WORLD OF COMMUNICATIONS
040211		ARCHITECTURE, INTRODUCTION	090831	COSMETOLOGY
040212		ARCHITECTURE, ADVANCED	100111	EDUCATION, OTHER GENERAL
040221		ARCHITECTURAL THEORY	120411	BILINGUAL/BICULTURAL EDUCATION, OTHER
040300		CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER	130100	CURRICULUM AND INSTRUCTION, OTHER
040400		ENVIRONMENTAL DESIGN, OTHER	130200	EDUCATION ADMINISTRATION, OTHER
040600		LANDSCAPE ARCHITECTURE, OTHER	130300	EDUCATIONAL MEDIA, OTHER
040700		URBAN DESIGN, OTHER	130400	EVALUATION AND RESEARCH, OTHER
049900		ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER	130500	INTERNATIONAL AND COMPARATIVE EDUCATION, OTHER
060500		BUSINESS ECONOMICS, OTHER	130600	SCHOOL PSYCHOLOGY, OTHER
060511		BUSINESS ECONOMICS	130700	SOCIAL FOUNDATIONS, OTHER
060600		HUMAN RESOURCES DEVELOPMENT, OTHER	130800	SPECIAL EDUCATION, OTHER
060900		INTERNATIONAL BUSINESS MANAGEMENT, OTHER	130900	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER
061100		LABOR INDUSTRIAL RELATIONS, OTHER	131000	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER
061200		MANAGEMENT INFORMATION SYSTEMS, OTHER	131100	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER
061300		MANAGEMENT SCIENCE, OTHER	131200	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE, OTHER
061500		ORGANIZATIONAL BEHAVIOR, OTHER	131300	EDUCATION, OTHER
061600		PERSONNEL MANAGEMENT, OTHER	131400	AUDIOLOGY AND SPEECH PATHOLOGY, OTHER
069900		BUSINESS AND MANAGEMENT, OTHER	139900	BASIC CLINICAL HEALTH SCIENCES, OTHER
070171		BUSINESS MATHEMATICS 1	180100	CHIROPRACTIC, OTHER
070172		BUSINESS MATHEMATICS 2	180200	DENTISTRY, OTHER
070400		OFFICE SUPERVISION AND MANAGEMENT, OTHER	180300	EMERGENCY/DISASTER SCIENCE, OTHER
070411		BUSINESS ENGLISH 1	180400	EPIDEMIOLOGY, OTHER
070412		BUSINESS ENGLISH 2	180500	HEALTH SCIENCES ADMINISTRATION, OTHER
070413		BUSINESS ENGLISH 3	180600	HEMATOLOGY, OTHER
070414		BUSINESS ENGLISH 4	180700	MEDICAL LABORATORY, OTHER
079500		PERSONNEL AND TRAINING PROGRAMS, OTHER	180900	MEDICINE, OTHER
070711		TYPEWRITING 1	181000	NURSING, OTHER
090500		PUBLIC RELATIONS, OTHER	181100	OPTOMETRY, OTHER
090600		RADIO/TELEVISION NEWS BROADCAST, OTHER	181200	OSTEOPATHIC MEDICINE, OTHER
090611		BROADCAST JOURNALISM	181300	PHARMACY, OTHER
090612		CAREERS IN RADIO/TELEVISION	181400	PHARMACY TECHNICIAN
			181411	PODIATRY, OTHER
			181500	POPULATION AND FAMILY PLANNING, OTHER
			181600	

181700
181800
181801
181900
182000
182100
182200
182300
182400
189900
200100

PRE-DENTISTRY, OTHER
PRE-MEDICINE, OTHER
MEDICAL ETHICS
PRE-PHARMACY, OTHER
PRE-VETERINARY, OTHER
PROSECTORIAL SCIENCE, OTHER
PUBLIC HEALTH LABORATORY SCIENCE, OTHER
TOXICOLOGY (CLINICAL), OTHER
VETERINARY MEDICINE, OTHER
HEALTH SCIENCES, OTHER
CONSUMER AND HOMEMAKING HOME
ECONOMICS, OTHER
HOME ECONOMICS 7
HOME ECONOMICS 8
HOME ECONOMICS 1
HOME ECONOMICS 2
HOME ECONOMICS 3
HOME ECONOMICS 4
ADULT ROLES AND FUNCTIONS
COMPREHENSIVE CONSUMER AND
HOMEMAKING HOME ECONOMICS,
INDEPENDENT STUDY

200121
200122
200123
200124
200125
200126
200131
200132
200133
200134
200135
200136
200137
200141
200142
200151
200152
200153
200154

CHILD DEVELOPMENT 8
CHILD DEVELOPMENT 1
CHILD DEVELOPMENT 2
CHILD DEVELOPMENT 3
CHILD DEVELOPMENT 4
CURRENT ISSUES IN CHILD DEVELOPMENT
CLOTHING 7
CLOTHING 8
CLOTHING 1
CLOTHING 2
CLOTHING 3
CLOTHING 4
TAILORING
CONSUMER EDUCATION
CONSUMER EDUCATION 2
HOME ECONOMICS OCCUPATIONS 1,
EXPLORATORY
HOME ECONOMICS OCCUPATIONS 2,
EXPLORATORY
HOME ECONOMICS LABORATORY ASSISTANT
HOME ECONOMICS LEADERSHIP

200161
200162
200171
200172
200173
200181
200182
200183
200184
200185
200186
200187
200188
200191
200192
210100
210101
210102
210103
210104
210105
210106
210107
210108
210109
210113
210114
210115
210116
210117
210118
210119

210120
210126
230156
460441
470621
470651
480111
480311
480511
480711

FAMILY HEALTH 1
FAMILY HEALTH 2
FAMILY RELATIONS
MARRIAGE SOCIETY AND CHANGE
PARENTHOOD
FOODS AND NUTRITION 7
FOODS AND NUTRITION 8
FOODS 1
FOODS 2
FOODS 3
FOODS 4
INTERNATIONAL FOODS
NUTRITION
HOME MANAGEMENT 1
HOME MANAGEMENT 2
INDUSTRIAL ARTS, OTHER
INDUSTRIAL ARTS 7
INDUSTRIAL ARTS 8
INDUSTRIAL ARTS 1
INDUSTRIAL ARTS 2
INDUSTRIAL ARTS 3
INDUSTRIAL ARTS 4
INDUSTRY AND TECHNOLOGY
INDUSTRIAL PRODUCTION
INDUSTRIAL OCCUPATIONS 1
ELECTRICITY 1
ELECTRICITY 2
ELECTRONICS 1
ELECTRONICS 2
ELECTRONICS 3
ELECTRONICS 4
ELECTRICITY AND ELECTRONICS,
INTRODUCTION
ELECTRICITY AND ELECTRONICS, ADVANCED
INDUSTRIAL ARTS RESEARCH
VOCATIONAL ENGLISH
HOME MAINTENANCE AND REPAIR
AUTO MECHANICS 1
CONSUMER AUTO
MECHANICAL DRAWING 1
LEATHERWORK 1
METAL 1
WOODWORKING 1

490100	AIR TRANSPORTATION, OTHER	STUB:	OCC SPECIFIC VOC ED
490111	AERONAUTICS 1	CSSC	TITLE
490112	AERONAUTICS 2	010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER
500291	PRINTMAKING 1	010111	AGRI BUSINESS, INTRODUCTION
500292	PRINTMAKING 2	010121	AGRICULTURAL BUSINESS OPERATION
500721	SILK SCREEN	010131	FARM AND RANCH MANAGEMENT
500722	ASSEMBLAGE	010141	STATE AND COMMUNITY AGRICULTURE
510101 #	EXECUTIVE INTERNSHIP	010151	AGRICULTURAL MATHEMATICS
510102 #	EXECUTIVE INTERNSHIP 2	010161	AGRICULTURAL MICROPROCESSING
510103	INTERNATIONAL CAREERS INTERNSHIP	010171	AGRICULTURE COOPERATIVES
		010172	AGRICULTURAL COOPERATIVE EDUCATION II
		010181	AGRICULTURE, INDEPENDENT STUDY
		010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM
		010200	AGRICULTURAL MECHANICS, OTHER
		010211	AGRICULTURAL MECHANICS, GENERAL
		010212	AGRICULTURAL MECHANICS 2
		010213	AGRICULTURAL MECHANICS 3
		010214	AGRICULTURAL MECHANICS 4
		010221	WELDING, AGRICULTURAL
		010231	POWER AND MACHINERY, AGRICULTURAL
		010241	FARM CONSTRUCTION
		010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL
		010261	SOIL AND WATER MECHANICAL PRACTICES
		010271	SURVEYING, AGRICULTURAL
		010300	AGRICULTURAL PRODUCTION, OTHER
		010311	AGRICULTURAL PRODUCTION, GENERAL
		010312	AGRICULTURE TECHNOLOGY 1
		010313	AGRICULTURE TECHNOLOGY 2
		010321	ANIMAL PRODUCTION
		010331	CROP PRODUCTION
		010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER
		010411	AGRICULTURAL PRODUCTS AND PROCESSING I
		010412	AGRICULTURAL PRODUCTS AND PROCESSING II
		010421	AGRICULTURAL PRODUCTS AND PROCESSING - COOPERATIVE EDUCATION

010500	AGRICULTURAL SERVICES AND SUPPLIES, OTHER	020423	ORNAMENTAL HORTICULTURE 3
010511	AGRICULTURAL SUPPLIES MARKETING	020500	SOIL SCIENCES, OTHER
010521	ANIMAL GROOMING	020511	SOIL SCIENCES, GENERAL
010600	HORTICULTURE, OTHER	020521	FERTILIZERS AND CHEMICALS
010611	HORTICULTURE	029900	AGRICULTURAL SCIENCES, OTHER
010621	FLORICULTURE	030100	RENEWABLE NATURAL RESOURCES, OTHER GENERAL
010631	LANDSCAPING	030200	CONSERVATION AND REGULATION, OTHER
010632	LANDSCAPING, ADVANCED	030211	CONSERVATION AND REGULATION
010641	GREENHOUSE MANAGEMENT	030212	ENVIRONMENTAL MANAGEMENT 1
010651	NURSERY OPERATIONS AND MANAGEMENT	030213	ENVIRONMENTAL MANAGEMENT 2
010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE	030221	ENVIRONMENTAL MANAGEMENT - COOPERATIVE EDUCATION
010662	HORTICULTURAL MECHANICS II	030300	FISHING AND FISHERIES, OTHER
010671	TURF MANAGEMENT	030311	WATERMAN OCCUPATIONS
010681	FRUIT AND VEGETABLE PRODUCTION	030400	FORESTRY PRODUCTION AND PROCESSING, OTHER
010700	INTERNATIONAL AGRICULTURE, OTHER	030500	FORESTRY AND RELATED SCIENCES, OTHER
019900	AGRI-BUSINESS AND AGRICULTURAL PRODUCTION, OTHER	030511	FORESTRY SCIENCE 1
020100	AGRICULTURAL SCIENCES, OTHER GENERAL	030512	FORESTRY SCIENCE 2
020111	AGRICULTURAL SCIENCES, GENERAL	030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE
020121	AGRICULTURAL OCCUPATIONS 1	030600	WILDLIFE MANAGEMENT, OTHER
020122	AGRICULTURAL OCCUPATIONS 2	030611	WILDLIFE MANAGEMENT
020123	AGRICULTURAL OCCUPATIONS 3	030621	RURAL RECREATION
020124	AGRICULTURAL OCCUPATIONS 4	039900	RENEWABLE NATURAL RESOURCES, OTHER
020200	ANIMAL SCIENCES, OTHER	040500	INTERIOR DESIGN, OTHER
020211	ANIMAL SCIENCES 1	040511	INTERIOR DESIGN
020212	ANIMAL SCIENCES 2	060100	BUSINESS AND MANAGEMENT, OTHER GENERAL
020221	LIVESTOCK 9	060111	BUSINESS INTRODUCTION
020222	LIVESTOCK 10	060121	BUSINESS LAW
020231	POULTRY	060131	BUSINESS, INDEPENDENT STUDY
020241	DAIRY PRODUCTION	060141	BUSINESS EDUCATION, COOPERATIVE
020251	NUTRITION AND FEEDS	060200	ACCOUNTING, OTHER
020261	HORSE PRODUCTION	060211	ACCOUNTING/BUSINESS MANAGEMENT
020262	HORSEHOEING/FARRIER TRAINING	060300	CAREERS - INTEGRATED CURRICULUM
020271	SMALL ANIMAL PRODUCTION 1	060311	BANKING AND FINANCE, OTHER
020272	SMALL ANIMAL PRODUCTION 2	060321	FINANCIAL CAREERS
020281	FISH PRODUCTION	060331	REAL ESTATE FINANCE
020300	FOOD SCIENCES, OTHER	060400	CONSUMER LENDING
020400	PLANT SCIENCES, OTHER	060411	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER
020411	AGRONOMY	060700	BUSINESS ORGANIZATION AND MANAGEMENT INSTITUTIONAL MANAGEMENT, OTHER
020421	ORNAMENTAL HORTICULTURE 1		
020422	ORNAMENTAL HORTICULTURE 2		

060711	HOTEL AND MOTEL MANAGEMENT	070600	SECRETARIAL AND RELATED PROGRAMS, OTHER
060712	HOTEL AND MOTEL TRAINING	070611	SHORTHAND 1
060800	INSURANCE AND RISK MANAGEMENT, OTHER	070612	SHORTHAND 2
060811	INSURANCE CAREERS	070621	TRANSCRIPTION
061000	INVESTMENTS AND SECURITIES, OTHER	070631	SECRETARIAL ADMINISTRATION 1
061011	INVESTMENTS AND TAXATION	070632	SECRETARIAL ADMINISTRATION 2
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER	070641	WORD PROCESSING 1
061411	MARKETING MANAGEMENT AND DECISION MAKING	070642	WORD PROCESSING 2
061700	REAL ESTATE, OTHER	070643	WORD PROCESSING 3
061711	REAL ESTATE MARKETING	070651	REPROGRAPHICS
061800	SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER	070661	LEGAL OFFICE PROCEDURES
061811	SMALL BUSINESS MANAGEMENT	070662	COURT REPORTER
061900	TAXATION, OTHER	070671	MEDICAL OFFICE PROCEDURES
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER	070681	LEGAL/MEDICAL OFFICE PROCEDURES
070111	BOOKKEEPING 1	070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER
070112	BOOKKEEPING 2	070712	TYPEWRITING 2
070121	ACCOUNTING 1	070713	TYPEWRITING 3
070122	ACCOUNTING 2	070731	OFFICE PROCEDURES 1
070131	ACCOUNTING, COLLEGE	070732	OFFICE PROCEDURES 2
070141	BOOKKEEPING AND ACCOUNTING 1	070733	SIMULATED OFFICE
070142	BOOKKEEPING AND ACCOUNTING 2	070741	OFFICE EDUCATION 1, COOPERATIVE
070151	RECORDKEEPING 1	070742	OFFICE EDUCATION 2, COOPERATIVE
070152	RECORDKEEPING 2	079900	BUSINESS AND OFFICE, OTHER
070153	PERSONAL RECORDKEEPING	080100	APPAREL AND ACCESSORIES MARKETING, OTHER
070161	OFFICE MACHINES	080111	FASHION MERCHANDISING
070162	OFFICE MACHINES, VOCATIONAL	080121	FASHION DESIGN AND ILLUSTRATION
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER	080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1
070201	BANKING & FINANCIAL CAREERS	080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2
070211	BANK TELLER	080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER
070221	FINANCIAL MATHEMATICS	080300	ENTREPRENEURSHIP, OTHER
070231	BANK PROOF OPERATOR	080311	STARTING YOUR OWN BUSINESS
070241	BANK DATA ENTRY OCCUPATIONS	080400	FINANCIAL SERVICES MARKETING, OTHER
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION	080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER
070341	KEY PUNCH OPERATOR	080511	FLORAL SALES
070351	DATA ENTRY OPERATOR 1	080600	FOOD MARKETING, OTHER
070352	DATA ENTRY OPERATOR 2	080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW
070371	PERIPHERAL COMPUTER OPERATOR		

080612
080621
080700
080711
080712
080713
080721
080722
080731
080741
080751
080761
080771
080781
080782
080800
080811
080900
080911
080921
080922
081000
081100
081111
081121
081200
081211
081221
089900
090200
090211
100100
100141
100142
100143

GROCERY MANAGEMENT
FOOD MARKETING - COOPERATIVE EDUCATION
1
GENERAL MARKETING, OTHER
DISTRIBUTIVE EDUCATION 1
DISTRIBUTIVE EDUCATION 2
DISTRIBUTIVE EDUCATION 3
DISTRIBUTIVE EDUCATION 1, COOPERATIVE
DISTRIBUTIVE EDUCATION 2, COOPERATIVE
SALESMANSHIP
RETAIL LEARNING LABORATORY
CASHIER CHECKER TRAINING
WAREHOUSING INDUSTRIAL AND WHOLESALE
MATERIAL HANDLING
DISTRIBUTIVE EDUCATION, INDEPENDENT
STUDY
TELEPHONE SERVICE REPRESENTATIVE
TELEPHONE DIRECTORY ASSISTANT
HOME AND OFFICE PRODUCTS MARKETING,
OTHER
COMPUTER SALES REPRESENTATIVE
HOSPITALITY AND RECREATION MARKETING,
OTHER
ORIENTATION TO HOSPITALITY CAREERS
HOSPITALITY SALES 1
HOSPITALITY SALES 2
INSURANCE MARKETING, OTHER
TRANSPORTATION AND TRAVEL MARKETING,
OTHER
TOURISM SERVICES
ENTERTAINMENT PARK/TOURISM -
COOPERATIVE EDUCATION
VEHICLES AND PETROLEUM MARKETING,
OTHER
AUTO PARTS MERCHANDISING
AUTOMOTIVE PROFESSIONAL TRAINING
MARKETING AND DISTRIBUTION, OTHER
ADVERTISING, OTHER
ADVERTISING
COMMUNICATION TECHNOLOGIES, OTHER
BROADCAST MANAGEMENT 1
BROADCAST MANAGEMENT 2
BROADCASTING PRACTICUM

100161
100171
100172
100173
100174
100181
100191
100192
120100
120111
120112
120200
120300
120400
120412
120413
120414
120415
120421
120422
120423
120431
120511
120512
120513
120514
120521
120522
120531
120532
129900
150100
150111
150200
150211
150221
150300
150311

RADIO PRODUCTION
TELEVISION PRODUCTION 1
TELEVISION PRODUCTION 2
TELEVISION PRODUCTION 3
TELEVISION PRODUCTION 4
CABLE TELEVISION
RADIO/TELEVISION PRODUCTION 1
RADIO/TELEVISION PRODUCTION 2
DRYCLEANING AND LAUNDERING SERVICES,
OTHER
DRY CLEANING 1
DRY CLEANING 2
ENTERTAINMENT SERVICES, OTHER
FUNERAL SERVICES, OTHER
PERSONAL SERVICES, OTHER
COSMETOLOGY 2
COSMETOLOGY 3
COSMETOLOGY - COOPERATIVE EDUCATION 2
COSMETOLOGY - COOPERATIVE EDUCATION 2
BARBERING 1
BARBERING 2
BARBERING 3
PERSONAL SERVICES OCCUPATIONS
GENERAL SERVICES OCCUPATIONS 1
GENERAL SERVICES OCCUPATIONS 2
GENERAL SERVICES OCCUPATIONS 3
GENERAL SERVICES OCCUPATIONS 4
BUILDING & GROUNDS MAINTENANCE
OCCUPATIONS 1
BUILDING & GROUNDS MAINTENANCE
OCCUPATIONS 2
INDUSTRIAL MAINTENANCE/MECHANICS 1
INDUSTRIAL MAINTENANCE/MECHANICS 2
CONSUMER, PERSONAL, AND MISCELLANEOUS
SERVICES, OTHER
ARCHITECTURAL TECHNOLOGIES, OTHER
STRUCTURAL ENGINEERING TECHNICIAN
CIVIL TECHNOLOGIES, OTHER
SURVEYING
CIVIL ENGINEERING TECHNICIAN
ELECTRICAL AND ELECTRONIC TECHNOLOGIES,
OTHER
AUDIO ELECTRONICS



150321	ELECTRICAL TECHNOLOGY	170221	EKG TECHNICIAN
150331	ELECTRONIC TECHNOLOGY 1	170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER
150332	ELECTRONIC TECHNOLOGY 2	170311	LABORATORY PROGRAM 1
150333	ELECTRONICS FABRICATION	170312	LABORATORY PROGRAM 2
150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN	170321	CHEMICAL TECHNOLOGY 1
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE	170322	CHEMICAL TECHNOLOGY 2
150411	ELECTROMECHANICAL TECHNOLOGY 1	170400	MENTAL HEALTH/HUMAN SERVICES, OTHER
150412	ELECTROMECHANICAL TECHNOLOGY 2	170411	HOME HEALTH AIDE
150421	INSTRUMENTATION TECHNOLOGY	170421	COMMUNITY HEALTH
150500	ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER	170431	MENTAL HEALTH WORKER
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES	170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER	170511	HEALTH OCCUPATIONS 1
150601	INDUSTRIAL RESEARCH & DEVELOPMENT	170521	HEALTH OCCUPATIONS 2
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1	170522	CENTRAL SERVICE TECHNICIAN
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2	170531	MEDICAL TERMINOLOGY
150621	CHEMICAL MANUFACTURING TECHNOLOGY	170541	MEDICAL RECORDS SECRETARY
150631	OPTICS TECHNOLOGY	170551	MEDICAL ASSISTING
150700	QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER	170561	SPORTS MEDICINE
150711	QUALITY CONTROL TECHNOLOGY	170571	VETERINARY SCIENCE
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER	170581	CHEMISTRY FOR HEALTH SCIENCE
150811	AUTOMOTIVE DESIGN & TECHNOLOGY	170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY
150821	MECHANICAL ENGINEERING TECHNOLOGY	170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER	170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2
150911	MINING TECHNOLOGY	170600	NURSING-RELATED SERVICES, OTHER
150921	PETROLEUM TECHNOLOGY	170621	NURSING, PRACTICAL
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER	170631	NURSE'S AIDE AND ORDERLY
170100	DENTAL SERVICES, OTHER	170641	NURSE'S AIDE, COOPERATIVE
170111	DENTAL ASSISTANT 1	170651	NURSE'S MATHEMATICS
170112	DENTAL ASSISTANT 2	170700	OPHTHALMIC SERVICES, OTHER
170121	DENTAL ASSISTANT, COOPERATIVE	170711	OPTICAL SERVICES ASSISTANT
170131	DENTAL TECHNOLOGY 1	170800	REHABILITATION SERVICES, OTHER
170132	DENTAL TECHNOLOGY 2	179900	ALLIED HEALTH, OTHER
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER	190100	HOME ECONOMICS, OTHER GENERAL
170211	FIRST AID	190200	BUSINESS HOME ECONOMICS, OTHER
		190300	FAMILY AND COMMUNITY SERVICES, OTHER
		190400	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER
		190500	FOOD SCIENCES AND HUMAN NUTRITION, OTHER
		190600	HUMAN ENVIRONMENT AND HOUSING, OTHER

190700	INDIVIDUAL AND FAMILY DEVELOPMENT, OTHER	200413	FOOD SERVICES/RESTAURANT MANAGEMENT
190800	INTERNATIONAL/COMPARATIVE HOME ECONOMICS, OTHER	200421	FOOD SERVICE COOPERATIVE TRAINING
190900	TEXTILES AND CLOTHING, OTHER	200431	BAKING
199900	HOME ECONOMICS, OTHER	200441	CHEF
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1	200451	CATERING
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2	200461	DIETETIC AIDE
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER	200471	FOOD TESTING
200211	CHILD CARE SERVICES	200481	SCHOOL FOOD SERVICE
200221	CHILD CARE AIDE	200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200231	CHILD CARE MANAGEMENT	200511	HOUSING AND INTERIOR DESIGN 1
200241	FOSTER CARE AND FAMILY CARE	200512	HOUSING AND INTERIOR DESIGN 2
200251	TEACHER AIDE/ELEMENTARY	200513	INTERIOR DESIGN OCCUPATIONS
200252	TEACHER AIDE/SECONDARY	200521	FLORAL DESIGN
200261	CHILD CARE - COOPERATIVE EDUCATION 1	200531	HOME DECORATING
200262	CHILD CARE - COOPERATIVE EDUCATION 2	200541	HOME FURNISHINGS AIDE
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER	200551	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN
200311	CLOTHING OCCUPATIONS 1	200561	CUSTOM SLIPCOVERING AND UPHOLSTERING
200312	CLOTHING OCCUPATIONS 2	200571	HOME-SERVICE ASSISTING 1
200313	CLOTHING OCCUPATIONS 3	200572	HOME SERVICE ASSISTING 2
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 1	200573	HOME SERVICE ASST - COOPERATIVE EDUCATION 1
200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2	200574	HOME SERVICE ASST - COOPERATIVE EDUCATION 2
200321	CLOTHING MAINTENANCE AIDE	200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION	200611	CUSTODIAL SERVICES
200341	CUSTOM APPAREL CONSTRUCTION	200621	EXECUTIVE HOUSEKEEPING
200351	CUSTOM TAILORING AND ALTERATION	200631	HOMEMAKER'S AIDE
200361	WEDDING AND SPECIALTY CONSULTING	200641	COMPANION TO THE AGED
200371	FASHION AND FABRIC COORDINATION	200642	GERIATRICS 2
200381	TEXTILES TESTING	200643	GERIATRICS - COOPERATIVE EDUCATION 1
200391	CLOTHING PRODUCTION MANAGEMENT	200644	GERIATRICS - COOPERATIVE EDUCATION 2
200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER	200651	CONSUMER AIDE
200411	FOOD SERVICE TRAINING	200661	THERAPEUTIC RECREATION AIDE
200412	FOOD SERVICE TRAINING 2	200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCATION
		209900	VOCATIONAL HOME ECONOMICS, OTHER
		210110	INDUSTRIAL OCCUPATIONS 2
		210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE

210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED	460200	CARPENTRY, OTHER
210121	MACHINE SHOP 1	460211	CARPENTRY 1
210122	MACHINE SHOP 2	460212	CARPENTRY 2
210123	MACHINE SHOP 3	460213	CARPENTRY 3
210124	MACHINE SHOP 4	460300	ELECTRICAL AND POWER TRANSMISSION INSTALLATION,
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE	460311	HOUSEWIRING 1
		460312	HOUSEWIRING 2
210130	ELECTRICITY - COOPERATIVE EDUCATION 1	460321	ELECTRIC POWER AND COMMUNICATIONS LINEMAN
210131	ELECTRICITY - COOPERATIVE EDUCATION 2		
210140	ELECTRONICS - COOPERATIVE EDUCATION 1	460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER
210141	ELECTRONICS - COOPERATIVE EDUCATION 2		
210150	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 1	460411	BUILDING CONSTRUCTION 1
210151	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 2	460412	BUILDING CONSTRUCTION 2
310100	PARKS AND RECREATION, OTHER GENERAL RECREATION AIDE	460413	BUILDING CONSTRUCTION 3
310111	SEARCH AND RESCUE	460421	PAINTING AND DECORATING
310121	OUTDOOR RECREATION, OTHER	460422	FLOORING INSTALLATION
310200	WINTER/SKI RESORT OPERATION	460431	BUILDING MAINTENANCE
310211	PARKS AND RECREATION MANAGEMENT, OTHER	460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1
310300		460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2
310400	WATER RESOURCES, OTHER	460500	PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER
319900	PARKS AND RECREATION, OTHER		
320106	COOPERATIVE EDUCATION 1	460511	PLUMBING 1
320107	COOPERATIVE EDUCATION 2	460512	PLUMBING 2
320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED	469900	CONSTRUCTION TRADES, OTHER
430100	CRIMINAL JUSTICE, OTHER	470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER
430111	LAW ENFORCEMENT	470111	SMALL APPLIANCE REPAIR
430121	LAW SCIENCE	470121	RADIO AND TV REPAIR 1
430200	FIRE PROTECTION, OTHER	470122	RADIO AND TV REPAIR 2
430211	FIRE FIGHTING PRACTICES	470123	RADIO AND TV REPAIR 3
430221	FIRE SAFETY EDUCATION	470124	TELECOMMUNICATIONS TECHNICIAN
430311	SECURITY GUARD	470131	APPLIANCE REPAIR 1
439900	PROTECTIVE SERVICES, OTHER	470132	APPLIANCE REPAIR 2
460100	BRICKMASONRY, STONEMASONRY, AND TILE SETTING, OTHER	470141	VENDING MACHINE REPAIR
460111	MASONRY 1	470151	BUSINESS MACHINE REPAIR
460112	MASONRY 2	470161	INDUSTRIAL ELECTRICITY
460113	MASONRY 3	470171	INDUSTRIAL ELECTRONICS
460121	TILE SETTING AND PLASTERING	470181	FOOD PROCESSING MACHINE MAINTENANCE TECHNICIAN/ REPAIR
460131	CONCRETE TECHNICIAN		

470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER	470631	AUTO BODY 1
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING	470632	AUTO BODY 2
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED	470633	AUTO BODY 3
470213	AIR CONDITIONING, REFRIGERATION AND HEATING 3	470641	AUTO SERVICE 1
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER	470642	AUTO SERVICE 2
470311	INDUSTRIAL MECHANICS 1	470661	AIRFRAMES 1
470312	INDUSTRIAL MECHANICS 2	470662	AIRFRAMES 2
470321	DIESEL MECHANICS	470671	AVIATION POWERPLANT 1
470331	INDUSTRIAL MAINTENANCE MECHANICS 1	470672	AVIATION POWERPLANT 2
470332	INDUSTRIAL MAINTENANCE MECHANICS 2	470673	AVIATION POWERPLANT 3
470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1	470674	AVIATION POWERPLANT 4
470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2	470681	AVIATION QUALITY CONTROL 1
470400	MISCELLANEOUS MECHANICS AND REPAIRERS, OTHER	470682	AVIATION QUALITY CONTROL 2
470411	MUSICAL INSTRUMENT REPAIR	470691	AIRCRAFT SHEETMETAL 1
470421	INSTRUMENT MAINTENANCE AND REPAIR	470692	AIRCRAFT SHEETMETAL 2
470431	SHOE REPAIR AND ORTHOPEDICS 1	479900	MECHANICS AND REPAIRERS, OTHER
470432	SHOE REPAIR AND ORTHOPEDICS 2	480100	DRAFTING, OTHER
470433	WATCH AND CLOCK REPAIR	480112	MECHANICAL DRAWING 2
470434	BICYCLE REPAIR	480113	MECHANICAL DRAWING 3
470500	STATIONARY ENERGY SOURCES, OTHER	480114	MECHANICAL DRAWING 4
470511	POWER MECHANICS 1	480121	ARCHITECTURAL DRAWING 1
470512	POWER MECHANICS 2	480122	ARCHITECTURAL DRAWING 2
470513	POWER MECHANICS 3	480123	ARCHITECTURAL DRAWING 3
470514	POWER MECHANICS 4	480124	ARCHITECTURAL DRAWING 4
470521	HYDRAULICS AND PNEUMATICS	480131	ENGINEERING DRAWING 1
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND SMALL ENGINE REPAIR 1	480132	ENGINEERING DRAWING 2
470611	SMALL ENGINE REPAIR 1	480141	BLUEPRINT READING
470612	SMALL ENGINE REPAIR 2	480151	DRAFTING 1, COOPERATIVE
470622	AUTO MECHANICS 2	480152	DRAFTING 2, COOPERATIVE
470623	AUTO MECHANICS 3	480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1	480211	COMMERCIAL ART 1
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2	480212	COMMERCIAL ART 2
		480213	COMMERCIAL ART, COOPERATIVE
		480214	COMMERCIAL ART 3
		480221	GRAPHIC ARTS 1
		480222	GRAPHIC ARTS 2
		480223	GRAPHIC ARTS 3
		480224	GRAPHIC ARTS 4
		480231	SIGN PAINTING 1
		480232	SIGN PAINTING 2
		480233	SIGN PAINTING 3
		480241	BINDERY

480251	ELECTRONIC COMPOSITION	490142	AIRCRAFT PARTS MANAGEMENT 2
480261	COPY EDITING	490200	VEHICLE AND EQUIPMENT OPERATION, OTHER
480300	LEATHERWORKING AND UPHOLSTERING, OTHER	490211	FORKLIFT OPERATOR
480312	LEATHERWORK 2	490212	TRACTOR-TRAILER TRUCK DRIVING
480321	UPHOLSTERY	490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
480322	UPHOLSTERY, ADVANCED	490214	BUS DRIVER/CHAUFFEUR
480331	AUTO UPHOLSTERY	490300	WATER TRANSPORTATION, OTHER
480400	PRECISION FOOD PRODUCTION, OTHER	490311	MARINE MECHANICS, BASIC
480411	MEATCUTTING 1	490312	MARINE MECHANICS, ADVANCED
480412	MEATCUTTING 2	490321	BOAT BUILDING
480500	PRECISION METAL WORK, OTHER	490331	NAVIGATION
480512	METAL 2	490341	AQUATIC OCCUPATIONS
480513	METAL 3	490411	INTRODUCTION TO TRANSPORTATION INDUSTRY
480514	METAL 4		
480521	WELDING 1	490412	TRANSPORTATION TECHNOLOGY 2
480522	WELDING 2	490421	TRANSPORTATION/TRAFFIC TECHNICIAN
480523	WELDING 3	499900	TRANSPORTATION AND MATERIAL MOVING, OTHER
480524	WELDING - COOPERATIVE EDUCATION		
480531	SHEET METAL 1		
480532	SHEET METAL 2		
480541	METAL RESTORATION		
480551	FOUNDRY 1		
480552	FOUNDRY 2		
480600	PRECISION WORK, ASSORTED MATERIALS, OTHER		
480611	PLASTICS 1		
480612	PLASTICS 2		
480621	SPACE AGE PLASTICS		
480700	WOODWORKING, OTHER		
480712	WOODWORKING 2		
480713	WOODWORKING 3		
480714	WOODWORKING 4		
480721	FURNITURE REFINISHING		
480731	CABINETMAKING 1		
480732	CABINETMAKING 2		
489900	PRECISION PRODUCTION, OTHER		
490121	AVIATION TECHNOLOGY 1		
490122	AVIATION TECHNOLOGY 2		
490123	AVIATION TECHNOLOGY 3		
490124	AVIATION TECHNOLOGY 4		
490131	AIR TRAVEL SERVICE OCCUPATIONS		
490141	AIRCRAFT PARTS MANAGEMENT 1		

STUB:	GENERAL INTRODUCTORY	STUB:	AGRICULTURE
CSSC CODE	TITLE	CSSC CODE	TITLE
010111	AGRI BUSINESS, INTRODUCTION	010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER
010311	AGRICULTURAL PRODUCTION, GENERAL	010121	AGRICULTURAL BUSINESS OPERATION
020111	AGRICULTURAL SCIENCES, GENERAL	010131	FARM AND RANCH MANAGEMENT
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL	010141	STATE AND COMMUNITY AGRICULTURE
060111	BUSINESS INTRODUCTION	010151	AGRICULTURAL MATHEMATICS
060121	BUSINESS LAW	010161	AGRICULTURAL MICROPROCESSING
060131	BUSINESS, INDEPENDENT STUDY	010171	AGRICULTURE COOPERATIVES
060300	BANKING AND FINANCE, OTHER	010172	AGRICULTURAL COOPERATIVE EDUCATION II
060311	FINANCIAL CAREERS	010181	AGRICULTURE, INDEPENDENT STUDY
080711	DISTRIBUTIVE EDUCATION I	010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM
170511	HEALTH OCCUPATIONS 1	010200	AGRICULTURAL MECHANICS, OTHER
320106	COOPERATIVE EDUCATION 1	010211	AGRICULTURAL MECHANICS, GENERAL
320107	COOPERATIVE EDUCATION 2	010212	AGRICULTURAL MECHANICS 2
		010213	AGRICULTURAL MECHANICS 3
		010214	AGRICULTURAL MECHANICS 4
		010221	WELDING, AGRICULTURAL
		010231	POWER AND MACHINERY, AGRICULTURAL
		010241	FARM CONSTRUCTION
		010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL
		010261	SOIL AND WATER MECHANICAL PRACTICES
		010271	SURVEYING, AGRICULTURAL
		010300	AGRICULTURAL PRODUCTION, OTHER
		010312	AGRICULTURE TECHNOLOGY 1
		010313	AGRICULTURE TECHNOLOGY 2
		010321	ANIMAL PRODUCTION
		010331	CROP PRODUCTION
		010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER
		010411	AGRICULTURAL PRODUCTS AND PROCESSING I
		010412	AGRICULTURAL PRODUCTS AND PROCESSING II
		010421	AGRICULTURAL PRODUCTS AND PROCESSING - COOPERATIVE EDUCATION
		010500	AGRICULTURAL SERVICES AND SUPPLIES, OTHER
		010511	AGRICULTURAL SUPPLIES MARKETING



010521	ANIMAL GROOMING	029900	AGRICULTURAL SCIENCES, OTHER
010600	HORTICULTURE, OTHER	030100	RENEWABLE NATURAL RESOURCES, OTHER
010611	HORTICULTURE		GENERAL
010621	FLORICULTURE	030200	CONSERVATION AND REGULATION, OTHER
010631	LANDSCAPING	030211	CONSERVATION AND REGULATION
010632	LANDSCAPING, ADVANCED	030212	ENVIRONMENTAL MANAGEMENT 1
010641	GREENHOUSE MANAGEMENT	030213	ENVIRONMENTAL MANAGEMENT 2
010651	NURSERY OPERATIONS AND MANAGEMENT	030221	ENVIRONMENTAL MANAGEMENT -
010661	HORTICULTURE POWER EQUIPMENT		COOPERATIVE EDUCATION
	OPERATION AND MAINTENANCE	030300	FISHING AND FISHERIES, OTHER
010662	HORTICULTURAL MECHANICS II	030311	WATERMAN OCCUPATIONS
010671	TURF MANAGEMENT	030400	FORESTRY PRODUCTION AND PROCESSING,
010681	FRUIT AND VEGETABLE PRODUCTION		OTHER
010700	INTERNATIONAL AGRICULTURE, OTHER	030500	FORESTRY AND RELATED SCIENCES, OTHER
019900	AGRI-BUSINESS AND AGRICULTURAL	030511	FORESTRY SCIENCE 1
	PRODUCTION, OTHER	030512	FORESTRY SCIENCE 2
020100	AGRICULTURAL SCIENCES, OTHER GENERAL	030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE
020121	AGRICULTURAL OCCUPATIONS 1	030600	WILDLIFE MANAGEMENT, OTHER
020122	AGRICULTURAL OCCUPATIONS 2	036611	WILDLIFE MANAGEMENT
020123	AGRICULTURAL OCCUPATIONS 3	030621	RURAL RECREATION
020124	AGRICULTURAL OCCUPATIONS 4	039900	RENEWABLE NATURAL RESOURCES, OTHER
020200	ANIMAL SCIENCES, OTHER		
020211	ANIMAL SCIENCES 1		
020212	ANIMAL SCIENCES 2		
020221	LIVESTOCK 9		
020222	LIVESTOCK 10		
020231	POULTRY		
020241	DAIRY PRODUCTION		
020251	NUTRITION AND FEEDS		
020261	HORSE PRODUCTION		
020262	HORSESHOEING/FARRIER TRAINING		
020271	SMALL ANIMAL PRODUCTION 1		
020272	SMALL ANIMAL PRODUCTION 2		
020281	FISH PRODUCTION		
020300	FOOD SCIENCES, OTHER		
020400	PLANT SCIENCES, OTHER		
020411	AGRONOMY		
020421	ORNAMENTAL HORTICULTURE 1		
020422	ORNAMENTAL HORTICULTURE 2		
020423	ORNAMENTAL HORTICULTURE 3		
020500	SOIL SCIENCES, OTHER		
020511	SOIL SCIENCES, GENERAL		
020521	FERTILIZERS AND CHEMICALS		

STUB:	BUSINESS		
CSSC	TITLE		
060141	BUSINESS EDUCATION, COOPERATIVE	070351	DATA ENTRY OPERATOR 1
060200	ACCOUNTING, OTHER	070352	DATA ENTRY OPERATOR 2
060211	ACCOUNTING/BUSINESS MANAGEMENT	070371	PERIPHERAL COMPUTER OPERATOR
060331	CAREERS - INTEGRATED CURRICULUM	070600	SECRETARIAL AND RELATED PROGRAMS, OTHER
060400	CONSUMER LENDING	070611	SHORTHAND 1
	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER	070612	SHORTHAND 2
060411	BUSINESS ORGANIZATION AND MANAGEMENT	070621	TRANSCRIPTION
061000	INVESTMENTS AND SECURITIES, OTHER	070631	SECRETARIAL ADMINISTRATION 1
061011	INVESTMENTS AND TAXATION	070632	SECRETARIAL ADMINISTRATION 2
061800	SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER	070641	WORD PROCESSING 1
061811	SMALL BUSINESS MANAGEMENT	070642	WORD PROCESSING 2
061900	TAXATION, OTHER	070643	WORD PROCESSING 3
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER	070651	REPROGRAPHICS
070111	BOOKKEEPING 1	070661	LEGAL OFFICE PROCEDURES
070112	BOOKKEEPING 2	070662	COURT REPORTER
070121	ACCOUNTING 1	070671	MEDICAL OFFICE PROCEDURES
070122	ACCOUNTING 2	070681	LEGAL/MEDICAL OFFICE PROCEDURES
070131	ACCOUNTING, COLLEGE	070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER
070141	BOOKKEEPING AND ACCOUNTING 1	070712	TYPEWRITING 2
070142	BOOKKEEPING AND ACCOUNTING 2	070713	TYPEWRITING 3
070151	RECORDKEEPING 1	070731	OFFICE PROCEDURES 1
070152	RECORDKEEPING 2	070732	OFFICE PROCEDURES 2
070153	PERSONAL RECORDKEEPING	070733	SIMULATED OFFICE
070161	OFFICE MACHINES	070741	OFFICE EDUCATION 1, COOPERATIVE
070162	OFFICE MACHINES, VOCATIONAL	070742	OFFICE EDUCATION 2, COOPERATIVE
070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER	079900	BUSINESS AND OFFICE, OTHER
070201	BANKING & FINANCIAL CAREERS		
070211	BANK TELLER		
070221	FINANCIAL MATHEMATICS		
070231	BANK PROOF OPERATOR		
070241	BANK DATA ENTRY OCCUPATIONS		
070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION		
070341	KEY PUNCH OPERATOR		

STUB:	MARKETING AND DISTRIBUTION	080731	SALESMANSHIP
CSSC	TITLE	080741	RETAIL LEARNING LABORATORY
CODE		080751	C SHIER CHECKER TRAINING
060321	REAL ESTATE FINANCE	080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING
060700	INSTITUTIONAL MANAGEMENT, OTHER	080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY
060711	HOTEL AND MOTEL MANAGEMENT	080800	HOME AND OFFICE PRODUCTS MARKETING, OTHER
060712	HOTEL AND MOTEL TRAINING	080811	COMPUTER SALES REPRESENTATIVE
060800	INSURANCE AND RISK MANAGEMENT, OTHER	080900	HOSPITALITY AND RECREATION MARKETING, OTHER
060811	INSURANCE CAREERS	080911	ORIENTATION TO HOSPITALITY CAREERS
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER	080921	HOSPITALITY SALES 1
061411	MARKETING MANAGEMENT AND DECISION MAKING	080922	HOSPITALITY SALES 2
061700	REAL ESTATE, OTHER	081000	INSURANCE MARKETING, OTHER
061711	REAL ESTATE MARKETING	081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER
080100	APPAREL AND ACCESSORIES MARKETING, OTHER	081111	TOURISM SERVICES
080111	FASHION MERCHANDISING	081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION
080121	FASHION DESIGN AND ILLUSTRATION	081200	VEHICLES AND PETROLEUM MARKETING, OTHER
080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1	081211	AUTO PARTS MERCHANDISING
080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2	081221	AUTOMOTIVE PROFESSIONAL TRAINING
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER	089900	MARKETING AND DISTRIBUTION, OTHER
080300	ENTREPRENEURSHIP, OTHER	090200	ADVERTISING, OTHER
080311	STARTING YOUR OWN BUSINESS	090211	ADVERTISING
080400	FINANCIAL SERVICES MARKETING, OTHER	120200	ENTERTAINMENT SERVICES, OTHER
080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER	310100	PARKS AND RECREATION, OTHER GENERAL RECREATION AIDE
080511	FLORAL SALES	310111	SEARCH AND RESCUE
080600	FOOD MARKETING, OTHER	310120	OUTDOOR RECREATION, OTHER
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW	310211	WINTER/SKI RESORT OPERATION
080612	GROCERY MANAGEMENT	310300	PARKS AND RECREATION MANAGEMENT, OTHER
080621	FOOD MARKETING - COOPERATIVE EDUCATION 1	310400	WATER RESOURCES, OTHER
080700	GENERAL MARKETING, OTHER	319900	PARKS AND RECREATION, OTHER
080712	DISTRIBUTIVE EDUCATION 2		
080713	DISTRIBUTIVE EDUCATION 3		
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE		
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE		

STUB:	HEALTH AND HUMAN SERVICES		
CSSC			OPTICAL SERVICES ASSISTANT
CODE			REHABILITATION SERVICES, OTHER
120300	FUNERAL SERVICES, OTHER	170711	
170100	DENTAL SERVICES, OTHER	170800	
170111	DENTAL ASSISTANT 1	179900	ALLIED HEALTH, OTHER
170112	DENTAL ASSISTANT 2	430100	CRIMINAL JUSTICE, OTHER
170121	DENTAL ASSISTANT, COOPERATIVE	430111	LAW ENFORCEMENT
170131	DENTAL TECHNOLOGY 1	430121	LAW SCIENCE
170132	DENTAL TECHNOLOGY 2	430200	FIRE PROTECTION, OTHER
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER	430211	FIRE FIGHTING PRACTICES
170211	FIRST AID	430221	FIRE SAFETY EDUCATION
170221	EKG TECHNICIAN	430311	SECURITY GUARD
170311	LABORATORY PROGRAM 1	439900	PROTECTIVE SERVICES, OTHER
170312	LABORATORY PROGRAM 2		
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER		
170411	HOME HEALTH AIDE		
170421	COMMUNITY HEALTH		
170431	MENTAL HEALTH WORKER		
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER		
170521	HEALTH OCCUPATIONS 2		
170522	CENTRAL SERVICE TECHNICIAN		
170531	MEDICAL TERMINOLOGY		
170541	MEDICAL RECORDS SECRETARY		
170551	MEDICAL ASSISTING		
170561	SPORTS MEDICINE		
170571	VETERINARY SCIENCE		
170581	CHEMISTRY FOR HEALTH SCIENCE		
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY		
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1		
170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2		
170600	NURSING-RELATED SERVICES, OTHER		
170621	NURSING, PRACTICAL		
170631	NURSE'S AIDE AND ORDERLY		
170641	NURSE'S AIDE, COOPERATIVE		
170651	NURSE'S MATHEMATICS		
170700	OPHTHALMIC SERVICES, OTHER		

STUB:	OCCUPATIONAL HOME ECONOMICS		CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2
CSSC CODE	TITLE	200315	EDUCATION 2
040500	INTERIOR DESIGN, OTHER	200321	CLOTHING MAINTENANCE AIDE
040511	INTERIOR DESIGN	200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION
190100	HOME ECONOMICS, OTHER GENERAL	200341	CUSTOM APPAREL CONSTRUCTION
190200	BUSINESS HOME ECONOMICS, OTHER	200351	CUSTOM TAILORING AND ALTERATION
190300	FAMILY AND COMMUNITY SERVICES, OTHER	200361	WEDDING AND SPECIALTY CONSULTING
190400	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER	200371	FASHION AND FABRIC COORDINATION
		200381	TEXTILES TESTING
190500	FOOD SCIENCES AND HUMAN NUTRITION, OTHER	200391	CLOTHING PRODUCTION MANAGEMENT
		200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER
190600	HUMAN ENVIRONMENT AND HOUSING, OTHER	200411	FOOD SERVICE TRAINING
190700	INDIVIDUAL AND FAMILY DEVELOPMENT, OTHER	200412	FOOD SERVICE TRAINING 2
		200413	FOOD SERVICES/RESTAURANT MANAGEMENT
190800	INTERNATIONAL/COMPARATIVE HOME ECONOMICS, OTHER	200421	FOOD SERVICE COOPERATIVE TRAINING
190900	TEXTILES AND CLOTHING, OTHER	200431	BAKING
199900	HOME ECONOMICS, OTHER	200441	CHEF
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1	200451	CATERING
		200461	DIETETIC AIDE
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2	200471	FOOD TESTING
		200481	SCHOOL FOOD SERVICE
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER	200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
200211	CHILD CARE SERVICES	200511	HOUSING AND INTERIOR DESIGN 1
200221	CHILD CARE AIDE	200512	HOUSING AND INTERIOR DESIGN 2
200231	CHILD CARE MANAGEMENT	200513	INTERIOR DESIGN OCCUPATIONS
200241	FOSTER CARE AND FAMILY CARE	200521	FLORAL DESIGN
200251	TEACHER AIDE/ELEMENTARY	200531	HOME DECORATING
200252	TEACHER AIDE/SECONDARY	200541	HOME FURNISHINGS AIDE
200261	CHILD CARE - COOPERATIVE EDUCATION 1	200551	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN
200262	CHILD CARE - COOPERATIVE EDUCATION 2	200561	CUSTOM SLIPCOVERING AND UPHOLSTERING
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER	200571	HOME-SERVICE ASSISTING 1
		200572	HOME SERVICE ASSISTING 2
200311	CLOTHING OCCUPATIONS 1	200573	HOME SERVICE ASST - COOPERATIVE EDUCATION 1
200312	CLOTHING OCCUPATIONS 2	200574	HOME SERVICE ASST - COOPERATIVE EDUCATION 2
200313	CLOTHING OCCUPATIONS 3	200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 1		

200611
 200621
 200631
 200641
 200642
 200643
 200644
 200651
 200661
 200671
 209900

CUSTODIAL SERVICES
 EXECUTIVE HOUSEKEEPING
 HOMEMAKER'S AIDE
 COMPANION TO THE AGED
 GERIATRICALS 2
 GERIATRICALS - COOPERATIVE EDUCATION 1
 GERIATRICALS - COOPERATIVE EDUCATION 2
 CONSUMER AIDE
 THERAPEUTIC RECREATION AIDE
 INSTITUTIONAL, HOME MANAGEMENT SUPPORT
 SERVICES - COOPERATIVE EDUCATION
 VOCATIONAL HOME ECONOMICS, OTHER

TRADE AND INDUSTRY

TITLE

DRYCLEANING AND LAUNDERING SERVICES,
 OTHER
 DRY CLEANING 1
 DRY CLEANING 2
 PERSONAL SERVICES, OTHER
 COSMETOLOGY 2
 COSMETOLOGY 3
 COSMETOLOGY - COOPERATIVE EDUCATION 2
 COSMETOLOGY - COOPERATIVE EDUCATION 2
 BARBERING 1
 BARBERING 2
 BARBERING 3
 PERSONAL SERVICES OCCUPATIONS
 GENERAL SERVICES OCCUPATIONS 1
 GENERAL SERVICES OCCUPATIONS 2
 GENERAL SERVICES OCCUPATIONS 3
 GENERAL SERVICES OCCUPATIONS 4
 BUILDING & GROUNDS MAINTENANCE
 OCCUPATIONS 1
 BUILDING & GROUNDS MAINTENANCE
 OCCUPATIONS 2
 INDUSTRIAL MAINTENANCE/MECHANICS 1
 INDUSTRIAL MAINTENANCE/MECHANICS 2
 CONSUMER, PERSONAL, AND MISCELLANEOUS
 SERVICES, OTHER
 ARCHITECTURAL TECHNOLOGIES, OTHER
 STRUCTURAL ENGINEERING TECHNICIAN
 CIVIL TECHNOLOGIES, OTHER
 SURVEYING
 CIVIL ENGINEERING TECHNICIAN
 ELECTRICAL AND ELECTRONIC TECHNOLOGIES,
 OTHER
 AUDIO ELECTRONICS
 ELECTRICAL TECHNOLOGY
 ELECTRONIC TECHNOLOGY 1
 ELECTRONIC TECHNOLOGY 2
 ELECTRONICS FABRICATION

STUB:
 CSSC
 CODE
 120100
 120111
 120112
 120400
 120412
 120413
 120414
 126415
 120421
 120422
 120423
 120431
 120511
 120512
 120513
 120514
 120521
 120522
 120531
 120532
 129900
 150100
 150111
 150200
 150211
 150221
 150300
 150311
 150321
 150331
 150332
 150333

150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN	210150	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 1
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE	210151	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 2
150411	ELECTROMECHANICAL TECHNOLOGY 1	460100	BRICKMASONRY, STONEMASONRY, AND TILE SETTING, OTHER
150412	ELECTROMECHANICAL TECHNOLOGY 2	460111	MASONRY 1
150421	INSTRUMENTAL TECHNOLOGY	460112	MASONRY 2
150500	ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER	460113	MASONRY 3
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES	460121	TILE SETTING AND PLASTERING
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER	460131	CONCRETE TECHNICIAN
150601	INDUSTRIAL RESEARCH & DEVELOPMENT	460200	CARPENTRY, OTHER
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1	460211	CARPENTRY 1
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2	460212	CARPENTRY 2
150631	OPTICS TECHNOLOGY	460213	CARPENTRY 3
150700	QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER	460300	ELECTRICAL AND POWER TRANSMISSION INSTALLATION,
150711	QUALITY CONTROL TECHNOLOGY	460311	HOUSEWIRING 1
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER	460312	HOUSEWIRING 2
150811	AUTOMOTIVE DESIGN & TECHNOLOGY	460321	ELECTRIC POWER AND COMMUNICATIONS LINEWORKER
150821	MECHANICAL ENGINEERING TECHNOLOGY	460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER	460411	BUILDING CONSTRUCTION 1
150911	MINING TECHNOLOGY	460412	BUILDING CONSTRUCTION 2
150921	PETROLEUM TECHNOLOGY	460413	BUILDING CONSTRUCTION 3
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER	460421	PAINTING AND DECORATING
210110	INDUSTRIAL OCCUPATIONS 2	460422	FLOORING INSTALLATION
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE	460431	BUILDING MAINTENANCE
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED	460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1
210121	MACHINE SHOP 1	460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2
210122	MACHINE SHOP 2	460500	PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER
210123	MACHINE SHOP 3	460511	PLUMBING 1
210124	MACHINE SHOP 4	460512	PLUMBING 2
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE	469900	CONSTRUCTION TRADES, OTHER
210130	ELECTRICITY - COOPERATIVE EDUCATION 1	470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER
210131	ELECTRICITY - COOPERATIVE EDUCATION 2	470111	SMALL APPLIANCE REPAIR
210140	ELECTRONICS - COOPERATIVE EDUCATION 1	470121	RADIO AND TV REPAIR 1
210141	ELECTRONICS - COOPERATIVE EDUCATION 2	470122	RADIO AND TV REPAIR 2

470123	RADIO AND TV REPAIR 3	470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND
470124	TELECOMMUNICATIONS TECHNICIAN	470611	SMALL ENGINE REPAIR 1
470131	APPLIANCE REPAIR 1	470612	SMALL ENGINE REPAIR 2
470132	APPLIANCE REPAIR 2	470622	AUTO MECHANICS 2
470141	WENDING MACHINE REPAIR	470623	AUTO MECHANICS 3
470151	BUSINESS MACHINE REPAIR	470624	AUTO MECHANICS - COOPERATIVE EDUCATION
470161	INDUSTRIAL ELECTRICITY		
470171	INDUSTRIAL ELECTRONICS		
470181	FOOD PROCESSING MACHINE MAINTENANCE TECHNICIAN/ REPAIR	470625	AUTO MECHANICS - COOPERATIVE EDUCATION
470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER	470631	AUTO BODY 1
470211	AIR CONDITIONING, REFRIGERATION, AND HEATING	470632	AUTO BODY 2
470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED	470633	AUTO BODY 3
470213	AIR CONDITIONING, REFRIGERATION AND HEATING 3	470641	AUTO SERVICE 1
470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER	470642	AUTO SERVICE 2
470311	INDUSTRIAL MECHANICS 1	470661	AIRFRAMES 1
470312	INDUSTRIAL MECHANICS 2	470662	AIRFRAMES 2
470321	DIESEL MECHANICS	470671	AVIATION POWERPLANT 1
470331	INDUSTRIAL MAINTENANCE MECHANICS 1	470672	AVIATION POWERPLANT 2
470332	INDUSTRIAL MAINTENANCE MECHANICS 2	470673	AVIATION POWERPLANT 3
470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1	470674	AVIATION POWERPLANT 4
470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2	470681	AVIATION QUALITY CONTROL 1
470400	MISCELLANEOUS MECHANICS AND REPAIRERS, OTHER	470682	AVIATION QUALITY CONTROL 2
470411	MUSICAL INSTRUMENT REPAIR	470691	AIRCRAFT SHEETMETAL 1
470421	INSTRUMENT MAINTENANCE AND REPAIR	470692	AIRCRAFT SHEETMETAL 2
470431	SHOE REPAIR AND ORTHOPEDICS 1	479900	MECHANICS AND REPAIRERS, OTHER
470432	SHOE REPAIR AND ORTHOPEDICS 2	480100	DRAFTING, OTHER
470433	WATCH AND CLOCK REPAIR	480112	MECHANICAL DRAWING 2
470434	BICYCLE REPAIR	480113	MECHANICAL DRAWING 3
470500	STATIONARY ENERGY SOURCES, OTHER	480114	MECHANICAL DRAWING 4
470511	POWER MECHANICS 1	480121	ARCHITECTURAL DRAWING 1
470512	POWER MECHANICS 2	480122	ARCHITECTURAL DRAWING 2
470513	POWER MECHANICS 3	480123	ARCHITECTURAL DRAWING 3
470514	POWER MECHANICS 4	480124	ARCHITECTURAL DRAWING 4
470521	HYDRAULICS AND PNEUMATICS	480131	ENGINEERING DRAWING 1
		480132	ENGINEERING DRAWING 2
		480141	BLUEPRINT READING
		480151	DRAFTING 1, COOPERATIVE
		480152	DRAFTING 2, COOPERATIVE
		480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER
		480211	COMMERCIAL ART 1
		480212	COMMERCIAL ART 2

480213	COMMERCIAL ART, COOPERATIVE	480721	FURNITURE REFINISHING
480214	COMMERCIAL ART 3	480731	CABINETMAKING 1
480221	GRAPHIC ARTS 1	480732	CABINETMAKING 2
480222	GRAPHIC ARTS 2	489900	PRECISION PRODUCTION, OTHER
480223	GRAPHIC ARTS 3	490121	AVIATION TECHNOLOGY 1
480224	GRAPHIC ARTS 4	490122	AVIATION TECHNOLOGY 2
480231	SIGN PAINTING 1	490123	AVIATION TECHNOLOGY 3
480232	SIGN PAINTING 2	490124	AVIATION TECHNOLOGY 4
480233	SIGN PAINTING 3	490131	AIR TRAVEL SERVICE OCCUPATIONS
480241	BINDER	490141	AIRCRAFT PARTS MANAGEMENT 1
480251	ELECTRONIC COMPOSITION	490142	AIRCRAFT PARTS MANAGEMENT 2
480261	COPY EDITING	490200	VEHICLE AND EQUIPMENT OPERATION, OTHER
480300	LEATHERWORKING AND UPHOLSTERING, OTHER	490211	FORKLIFT OPERATOR
480312	LEATHERWORK 2	490212	TRACTOR-TRAILER TRUCK DRIVING
480321	UPHOLSTERY	490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
480322	UPHOLSTERY, ADVANCED	490214	BUS DRIVER/CHAUFFEUR
480331	AUTO UPHOLSTERY	490300	WATER TRANSPORTATION, OTHER
480400	PRECISION FOOD PRODUCTION, OTHER	490311	MARINE MECHANICS, BASIC
480411	MEATCUTTING 1	490312	MARINE MECHANICS, ADVANCED
480412	MEATCUTTING 2	490321	BOAT BUILDING
480500	PRECISION METAL WORK, OTHER	490331	NAVIGATION
480512	METAL 2	490341	AQUATIC OCCUPATIONS
480513	METAL 3	490411	INTRODUCTION TO TRANSPORTATION INDUSTRY
480514	METAL 4	490412	TRANSPORTATION TECHNOLOGY 2
480521	WELDING 1	490421	TRANSPORTATION/TRAFFIC TECHNICIAN
480522	WELDING 2	499900	TRANSPORTATION AND MATERIAL MOVING, OTHER
480523	WELDING 3		
480524	WELDING - COOPERATIVE EDUCATION		
480531	SHEET METAL 1		
480532	SHEET METAL 2		
480541	METAL RESTORATION		
480551	FOUNDRY 1		
480552	FOUNDRY 2		
480600	PRECISION WORK, ASSORTED MATERIALS, OTHER		
480611	PLASTICS 1		
480612	PLASTICS 2		
480621	SPACE AGE PLASTICS		
480700	WOODWORKING, OTHER		
480712	WOODWORKING 2		
480713	WOODWORKING 3		
480714	WOODWORKING 4		

STUB:	TECHNICAL	STUB:	VISUAL AND PERFORMING ARTS
CSSC	TITLE	CSSC	TITLE
CODE		CODE	
080781	TELEPHONE SERVICE REPRESENTATIVE	100131	PHOTOGRAPHY, COMMERCIAL
080782	TELEPHONE DIRECTORY ASSISTANT	100132	PHOTOGRAPHY, ADVANCED COMMERCIAL
100100	COMMUNICATION TECHNOLOGIES, OTHER	100151	FILM MAKING AND PRODUCTION 1
100141	BROADCAST MANAGEMENT 1	100152	FILM MAKING AND PRODUCTION 2
100142	BROADCAST MANAGEMENT 2	500100	VISUAL AND PERFORMING ARTS, OTHER
100143	BROADCASTING PRACTICUM		GENERAL
100161	RADIO PRODUCTION	500111	AESTHETICS
100171	TELEVISION PRODUCTION 1	500200	CRAFTS, OTHER
100172	TELEVISION PRODUCTION 2	500211	CRAFTS 7
100173	TELEVISION PRODUCTION 3	500212	CRAFTS 8
100174	TELEVISION PRODUCTION 4	500213	CRAFTS 9
100181	CABLE TELEVISION	500214	CRAFTS 10
100191	RADIO/TELEVISION PRODUCTION 1	500215	CRAFTS 11
100192	RADIO/TELEVISION PRODUCTION 2	500216	CRAFTS 12
150621	CHEMICAL MANUFACTURING TECHNOLOGY	500221	CRAFTS 11, ADVANCED
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER	500222	CRAFTS 12, ADVANCED
170321	CHEMICAL TECHNOLOGY 1	500231	DECORATOR CRAFTS
170322	CHEMICAL TECHNOLOGY 2	500241	ENAMELING
		500251	JEWELRY 1
		500252	JEWELRY 2
		500253	JEWELRY 3
		500254	JEWELRY 4
		500261	CERAMICS 7
		500262	CERAMICS 8
		500263	CERAMICS 9
		500264	CERAMICS 10
		500265	CERAMICS 11
		500266	CERAMICS 12
		500271	TEXTILE DESIGN
		500281	MODEL BUILDING
		500300	DANCE, OTHER
		500311	MODERN DANCE FOR BEGINNERS 9
		500312	MODERN DANCE FOR BEGINNERS 10
		500313	MODERN DANCE FOR BEGINNERS 11
		500314	MODERN DANCE FOR BEGINNERS 12
		500321	MODERN DANCE 9, INTERMEDIATE
		500322	MODERN DANCE 10, INTERMEDIATE
		500323	MODERN DANCE 11, INTERMEDIATE

500324	MODERN DANCE 12, INTERMEDIATE	500705	ART 2
500331	DANCE 9, ADVANCED	500706	ART 3
500332	DANCE 10, ADVANCED	500707	ART 4
500333	DANCE 11, ADVANCED	500708	ART 1, INDEPENDENT STUDY
500334	DANCE 12, ADVANCED	500709	ART 2, INDEPENDENT STUDY
500341	PERFORMING DANCE GROUP 9	500714	DRAWING
500342	PERFORMING DANCE GROUP 10	500715	PAINTING 1
500343	PERFORMING DANCE GROUP 11	500716	PAINTING 2
500344	PERFORMING DANCE GROUP 12	500717	WATERCOLOR 1
500351	BALLET AND JAZZ FOR BEGINNERS 9	500718	CARTOONING
500352	BALLET AND JAZZ FOR BEGINNERS 10	500719	MURAL PAINTING
500353	BALLET AND JAZZ FOR BEGINNERS 11	500720	SCULPTURE
500354	BALLET AND JAZZ FOR BEGINNERS 12	500721	SILK SCREEN
500361	ETHNIC DANCE	500722	ASSEMBLAGE
500371	SQUARE DANCE	500723	PRODUCT DESIGN
500381	AEROBIC DANCE	500724	LIFE DRAWING
500400	DESIGN, OTHER	500725	CALLIGRAPHY
500411	GRAPHIC DESIGN	500726	ART HISTORY AND APPRECIATION
500421	THEATER MAKEUP	500727	BLACK FINE ARTS
500431	FIGHTING FUNDAMENTALS, THEATER	500728	MEXICO, FINE ARTS
500500	DRAMATIC ARTS, OTHER	500729	BICULTURAL ART
500511	STAGECRAFT 9	500730	ARTIST IN RESIDENCE PROGRAM
500512	STAGECRAFT 10	500731	ETHNIC ART HISTORY
500513	STAGECRAFT 11	500732	ART AS A MULTICULTURAL STUDY
500514	STAGECRAFT 12	500800	GRAPHIC ARTS TECHNOLOGY, OTHER
500521	IMPROVISATION AND MIME	500811	COMPUTER GRAPHICS DESIGN
500531	PLAYWRITING	500900	MUSIC, OTHER
500541	THEATER PRACTICUM CONTRACT	500901	MUSIC 7
500551	DRAMA, HISTORY	500902	MUSIC 8
500561	DRAMA, INDEPENDENT STUDY	500903	BAND 7
500600	FILM ARTS, OTHER	500904	BAND 7, ADVANCED
500611	FILM STUDY	500905	BAND 8
500612	LANGUAGE OF THE CINEMA	500906	BAND 8, ADVANCED
500621	PHOTOGRAPHY 10	500907	BAND 9
500622	PHOTOGRAPHY 11, ELEMENTARY	500908	BAND 9, ADVANCED
500623	PHOTOGRAPHY 12, ELEMENTARY	500909	BAND, CONCERT
500631	PHOTOGRAPHY 11, ADVANCED	500910	BAND, MARCHING
500632	PHOTOGRAPHY 12, ADVANCED	500911	BAND, SYMPHONIC
500700	FINE ARTS, OTHER	500912	ORCHESTRA 7
500701	FINE ARTS 7	500913	ORCHESTRA 7, ADVANCED
500702	FINE ARTS 8	500914	ORCHESTRA 8
500703	ART, GENERAL	500915	ORCHESTRA 8, ADVANCED
500704	ART 1	500916	ORCHESTRA 9

500917	ORCHESTRA 9, ADVANCED	
500918	ORCHESTRA 10	MUSIC LITERATURE 10
500919	ORCHESTRA 11	MUSIC LITERATURE 11
500920	ORCHESTRA 12	MUSIC LITERATURE 12
500921	INSTRUMENTAL STRING CLASS	MUSIC APPRECIATION
500922	BRASS AND PERCUSSION CLASS	FOLK MUSIC, ETHNIC
500923	WIND ENSEMBLE	MUSIC THEATER
500924	WOODWIND CLASS	MUSIC, INDEPENDENT STUDY
500925	ELECTRONIC MUSIC, INTRODUCTION	MUSIC LABORATORY, GENERAL SURVEY
500926	ENSEMBLE, INSTRUMENTAL	VISUAL AND PERFORMING ARTS, OTHER
500927	GUITAR, BEGINNING	
500928	GUITAR, INTERMEDIATE	
500929	GUITAR, ADVANCED	
500930	HANDBELLS	
500931	PIANO 1	
500932	PIANO 2	
500933	ORGAN	
500934	MUSIC LESSONS, APPLIED	
500935	CHORUS 7	
500936	CHORUS 7, ADVANCED	
500937	CHORUS 8	
500938	CHORUS 8, ADVANCED	
500939	CHORUS 9	
500940	CHORUS 9, ADVANCED	
500941	CHORUS 10	
500942	CHORUS 10, ADVANCED	
500943	CHORUS 11	
500944	CHORUS 11, ADVANCED	
500945	CHORUS 12	
500946	CHORUS 12, ADVANCED	
500947	VOCAL ENSEMBLE	
500948	VOICE CLASS	
500949	HARMONY AND COMPOSITION	
500950	ARRANGING	
500951	CONDUCTING	
500952	MUSIC THEORY	
500953	MUSIC HISTORY 7	
500954	MUSIC HISTORY 8	
500955	MUSIC HISTORY 9	
500956	MUSIC HISTORY 10	
500957	MUSIC HISTORY 11	
500958	MUSIC HISTORY 12	
500959	MUSIC LITERATURE 9	
500960		MUSIC LITERATURE 10
500961		MUSIC LITERATURE 11
500962		MUSIC LITERATURE 12
500963		MUSIC APPRECIATION
500964		FOLK MUSIC, ETHNIC
500965		MUSIC THEATER
500966		MUSIC, INDEPENDENT STUDY
500967		MUSIC LABORATORY, GENERAL SURVEY
509900		VISUAL AND PERFORMING ARTS, OTHER

STUB:	VISUAL ARTS	500701	FINE ARTS 7
CSSC	TITLE	500702	FINE ARTS 8
CODE		500703	ART, GENERAL
100131	PHOTOGRAPHY, COMMERCIAL	500704	ART 1
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL	500705	ART 2
100151	FILM MAKING AND PRODUCTION 1	500706	ART 3
100152	FILM MAKING AND PRODUCTION 2	500707	ART 4
500200	CRAFTS, OTHER	500708	ART 1, INDEPENDENT STUDY
500211	CRAFTS 7	500709	ART 2, INDEPENDENT STUDY
500212	CRAFTS 8	500714	DRAWING
500213	CRAFTS 9	500715	PAINTING 1
500214	CRAFTS 10	500716	PAINTING 2
500215	CRAFTS 11	500717	WATERCOLOR 1
500216	CRAFTS 12	500718	CARTOONING
500221	CRAFTS 11, ADVANCED	500720	MURAL PAINTING
500222	CRAFTS 12, ADVANCED	500721	SCULPTURE
500231	DECORATOR CRAFTS	500722	SILK SCREEN
500241	ENAMELING	500723	ASSEMBLAGE
500251	JEWELRY 1	500724	PRODUCT DESIGN
500252	JEWELRY 2	500725	LIFE DRAWING
500253	JEWELRY 3	500800	CALLIGRAPHY
500254	JEWELRY 4	500811	GRAPHIC ARTS TECHNOLOGY, OTHER
500261	CERAMICS 7		COMPUTER GRAPHICS DESIGN
500262	CERAMICS 8		
500263	CERAMICS 9		
500264	CERAMICS 10		
500265	CERAMICS 11		
500266	CERAMICS 12		
500271	TEXTILE DESIGN		
500281	MODEL BUILDING		
500400	DESIGN, OTHER		
500411	GRAPHIC DESIGN		
500600	FILM ARTS, OTHER		
500611	FILM STUDY		
500612	LANGUAGE OF THE CINEMA		
500621	PHOTOGRAPHY 10		
500622	PHOTOGRAPHY 11, ELEMENTARY		
500623	PHOTOGRAPHY 12, ELEMENTARY		
500631	PHOTOGRAPHY 11, ADVANCED		
500632	PHOTOGRAPHY 12, ADVANCED		
500700	FINE ARTS, OTHER		

STUB:	DANCE	THEATER PERFORMANCE
CSSC CODE	TITLE	TITLE
500300	DANCE, OTHER	THEATER MAKEUP
500311	MODERN DANCE FOR BEGINNERS 9	LIGHTING FUNDAMENTALS, THEATER
500312	MODERN DANCE FOR BEGINNERS 10	DRAMATIC ARTS, OTHER
500313	MODERN DANCE FOR BEGINNERS 11	STAGECRAFT 9
500314	MODERN DANCE FOR BEGINNERS 12	STAGECRAFT 10
500321	MODERN DANCE 9, INTERMEDIATE	STAGECRAFT 11
500322	MODERN DANCE 10, INTERMEDIATE	STAGECRAFT 12
500323	MODERN DANCE 11, INTERMEDIATE	IMPROVISATION AND MIME
500324	MODERN DANCE 12, INTERMEDIATE	PLAYWRITING
500331	DANCE 9, ADVANCED	THEATER PRACTICUM CONTRACT
500332	DANCE 10, ADVANCED	DRAMA, INDEPENDENT STUDY
500333	DANCE 11, ADVANCED	
500334	DANCE 12, ADVANCED	
500341	PERFORMING DANCE GROUP 9	
500342	PERFORMING DANCE GROUP 10	
500343	PERFORMING DANCE GROUP 11	
500344	PERFORMING DANCE GROUP 12	
500351	BALLET AND JAZZ FOR BEGINNERS 9	
500352	BALLET AND JAZZ FOR BEGINNERS 10	
500353	BALLET AND JAZZ FOR BEGINNERS 11	
500354	BALLET AND JAZZ FOR BEGINNERS 12	
500361	ETHNIC DANCE	
500371	SQUARE DANCE	
500381	AEROBIC DANCE	

STUB:	MUSIC PERFORMANCE	
CSSC		
CODE	TITLE	
500900	MUSIC, OTHER	500938 CHORUS 8, ADVANCED
500901	MUSIC 7	500939 CHORUS 9
500902	MUSIC 8	500940 CHORUS 9, ADVANCED
500903	BAND 7	500941 CHORUS 10
500904	BAND 7, ADVANCED	500942 CHORUS 10, ADVANCED
500905	BAND 8	500943 CHORUS 11
500906	BAND 8, ADVANCED	500944 CHORUS 11, ADVANCED
500907	BAND 9	500945 CHORUS 12
500908	BAND 9, ADVANCED	500946 CHORUS 12, ADVANCED
500909	BAND, CONCERT	500947 VOCAL ENSEMBLE
500910	BAND, MARCHING	500948 VOICE CLASS
500911	BAND, SYMPHONIC	500949 HARMONY AND COMPOSITION
500912	ORCHESTRA 7	500950 ARRANGING
500913	ORCHESTRA 7, ADVANCED	500951 CONDUCTING
500914	ORCHESTRA 8	500952 MUSIC THEORY
500915	ORCHESTRA 8, ADVANCED	
500916	ORCHESTRA 9	
500917	ORCHESTRA 9, ADVANCED	
500918	ORCHESTRA 10	
500919	ORCHESTRA 11	
500920	ORCHESTRA 12	
500921	INSTRUMENTAL STRING CLASS	
500922	BRASS AND PERCUSSION CLASS	
500923	WIND ENSEMBLE	
500924	WOODWIND CLASS	
500925	ELECTRONIC MUSIC, INTRODUCTION	
500926	ENSEMBLE, INSTRUMENTAL	
500927	GUITAR, BEGINNING	
500928	GUITAR, INTERMEDIATE	
500929	GUITAR, ADVANCED	
500930	HANDBELLS	
500931	PIANO 1	
500932	PIANO 2	
500933	ORGAN	
500934	MUSIC LESSONS, APPLIED	
500935	CHORUS 7	
500936	CHORUS 7, ADVANCED	
500937	CHORUS 8	

STUB: ART OR MUSIC APPRECIATION/HIST

CSSC CODE	TITLE
500111	AESTHETICS
500551	DRAMA, HISTORY
500726	ART HISTORY AND APPRECIATION
500727	BLACK FINE ARTS
500728	MEXICO, FINE ARTS
500729	BICULTURAL ART
500730	ARTIST IN RESIDENCE PROGRAM
500731	ETHNIC ART HISTORY
500732	ART AS A MULTICULTURAL STUDY
500953	MUSIC HISTORY 7
500954	MUSIC HISTORY 8
500955	MUSIC HISTORY 9
500956	MUSIC HISTORY 10
500957	MUSIC HISTORY 11
500958	MUSIC HISTORY 12
500959	MUSIC LITERATURE 9
500960	MUSIC LITERATURE 10
500961	MUSIC LITERATURE 11
500962	MUSIC LITERATURE 12
500963	MUSIC APPRECIATION
500964	FOLK MUSIC, ETHNIC
500965	MUSIC THEATER

STUB: PHYSICAL ED, HEALTH, & SPORTS

CSSC CODE	TITLE
120211	SPORTS OFFICIATING
340100	HEALTH-RELATED ACTIVITIES, OTHER
340111	PHYSICAL AND HEALTH EDUCATION 7
340112	PHYSICAL AND HEALTH EDUCATION 8
340113	PHYSICAL AND HEALTH EDUCATION 9
340114	PHYSICAL EDUCATION 10
340115	PHYSICAL EDUCATION 11
340116	PHYSICAL EDUCATION 12
340121	ADAPTIVE PHYSICAL EDUCATION (MULTIHANDICAPPED)
340121	PHYSICAL EDUCATION, ADAPTIVE
340121	ADAPTIVE PHYSICAL EDUCATION. NONREGULAR PROGRAM
340122	PHYSICAL EDUCATION - MEDICALLY EXCUSED
340129	ADAPTIVE PHYSICAL EDUCATION (MULTIHANDICAPPED)
340129	ADAPTIVE PHYSICAL EDUCATION. NONREGULAR PROGRAM
340131	HEALTH 7
340132	HEALTH 8
340133	HEALTH 9
340134	HEALTH 10
340135	HEALTH 11
340136	HEALTH 12
340137	STATE REQUIREMENTS
340138	MODERN MEDICAL ISSUES
340141	DRUGS ALCOHOL AND TOBACCO
340171	LIFE SAVING
340181	SAFETY
340191	SEX EDUCATION
360100	LEISURE AND RECREATIONAL ACTIVITIES, OTHER
360111	SPORTS, INDIVIDUAL
360121	SPORTS, TEAM
360131	GYMNASTICS
360141	DRILL TEAM
360151	TRACK AND FIELD
360161	AQUATICS

360171
360191
360192

CONDITIONING AND ATHLETICS
RECREATIONAL ACTIVITIES
EXPERIENTIAL OUTDOOR EDUCATION

STUB:
CSSC
CODE

PHYSICAL EDUCATION

TITLE

340111 PHYSICAL AND HEALTH EDUCATION 7
340112 PHYSICAL AND HEALTH EDUCATION 8
340113 PHYSICAL AND HEALTH EDUCATION 9
340114 PHYSICAL EDUCATION 10
340115 PHYSICAL EDUCATION 11
340116 PHYSICAL EDUCATION 12
340121 ADAPTIVE PHYSICAL EDUCATION
(MULTIHANDICAPPED)
340121 PHYSICAL EDUCATION, ADAPTIVE
340121 ADAPTIVE PHYSICAL EDUCATION.
NONREGULAR PROGRAM
340122 PHYSICAL EDUCATION - MEDICALLY EXCUSED
340129 ADAPTIVE PHYSICAL EDUCATION
(MULTIHANDICAPPED)
340129 ADAPTIVE PHYSICAL EDUCATION.
NONREGULAR PROGRAM

STUB:	HEALTH	STUB:	OTHER PERSONAL AND SOCIAL DEV
CSSC CODE	TITLE	CSSC CODE	TITLE
340100	HEALTH-RELATED ACTIVITIES, OTHER	070153	PERSONAL RECORDKEEPING
340131	HEALTH 7	070613	SPEED WRITING
340132	HEALTH 8	070721	TYPEWRITING, PERSONAL
340133	HEALTH 9	080321	JUNIOR ACHIEVEMENT
340134	HEALTH 10	090411	JOURNALISM 1
340135	HEALTH 11	090412	JOURNALISM 2
340136	HEALTH 12	090413	JOURNALISM 3
340137	STATE REQUIREMENTS	090431	LITERARY MAGAZINE
340138	MODERN MEDICAL ISSUES	090441	YEARBOOK PRODUCTION 1
340141	DRUGS ALCOHOL AND TOBACCO	090442	YEARBOOK PRODUCTION 2
340181	SAFETY	100121	COMMUNICATIONS MEDIA PRODUCTION
340191	SEX EDUCATION	170611	STUDENT ASSESSMENT OF CHILD HEALTH
		240121	SUMMER ABROAD
		250300	LIBRARY ASSISTING, OTHER
		250311	LIBRARY ASSISTANT
		270113	MATHEMATICS TUTORING
		320101	UNUSED CODE
		320102	CAREER PREPARATION
		320103	CAREER EXPLORATION
		320104	WORK EXPERIENCE
		320105	WORK EXPERIENCE, ADVANCED
		320116	UNUSED CODE
		320117	UNUSED CODE
		320120	UNUSED CODE
		320201	RESOURCE ROOM (NON SPECIAL EDUCATION)
		320211	STUDY DYNAMICS
		320221	TEST TAKING
		330100	CITIZENSHIP/CIVIC ACTIVITIES, OTHER
		330111	STUDENT ASSISTANT
		330121	PEP SQUAD
		330131	STUDENT GOVERNMENT
		330141	TUTORING
		330151	COMMUNITY SERVICE
		340151	DRIVER EDUCATION, CLASSROOM
		340152	DRIVER EDUCATION, PRACTICE
		340161	PHYSICAL EDUCATION LEADERSHIP TRAINING
		350100	INTERPERSONAL SKILLS, OTHER
		350111	INTERPERSONAL RELATIONSHIPS

STUB:	RELIGION/THEOLOGY	STUB:	ALL COURSES OTHER THAN ABOVE
CSSC CODE	TITLE	CSSC CODE	TITLE
300200	CLINICAL PASTORAL CARE, OTHER	160940	UNUSED CODE
380200	RELIGION, OTHER	161311	SPANISH FOR NATIVE SPEAKERS 1
380201	CATHOLICISM, FOUNDATIONS	161312	SPANISH FOR NATIVE SPEAKERS 2
380202	WHO IS JESUS	161313	SPANISH FOR NATIVE SPEAKERS 3
380203	SCRIPTURE	161314	SPANISH FOR NATIVE SPEAKERS 4
380204	MORAL ISSUES, SOCIAL AND INDIVIDUAL	161315	SPANISH FOR NATIVE SPEAKERS 5/ADVANCED PLACEMENT
380205	MARRIAGE, LIFE CHOICES IN CHRISTIAN LIVING	161321	PORTUGUESE FOR NATIVE SPEAKERS 1
380206	COMPARATIVE RELIGION	161322	PORTUGUESE FOR NATIVE SPEAKERS 2
380207	SACRAMENTS	161323	PORTUGUESE FOR NATIVE SPEAKERS 3
380208	EASTERN RELIGIOUS THOUGHT	161324	PORTUGUESE FOR NATIVE SPEAKERS 4
380209	RELIGION AND PSYCHOLOGY	161331	ITALIAN FOR NATIVE SPEAKERS 1
380210	WESTERN RELIGIONS	161332	ITALIAN FOR NATIVE SPEAKERS 2
380211	RELIGION AND LITERATURE	161333	ITALIAN FOR NATIVE SPEAKERS 3
380212	RELIGION, INTRODUCTION	161341	JAPANESE FOR NATIVE SPEAKERS 1
380213	PRAYER AND LITURGY	161342	JAPANESE FOR NATIVE SPEAKERS 2
380214	JUDAISM, FOUNDATIONS	161343	JAPANESE FOR NATIVE SPEAKERS 3
380215	PROTESTANTISM, FOUNDATIONS	161351	CHINESE FOR NATIVE SPEAKERS 1
380216	RELIGIOUS MOVEMENTS IN AMERICA	161352	CHINESE FOR NATIVE SPEAKERS 2
380217	ISLAM AND THE KORAN	161353	CHINESE FOR NATIVE SPEAKERS 3
389900	PHILOSOPHY AND RELIGION, OTHER	161361 #	FRENCH FOR NATIVE SPEAKERS 1
390100	BIBLICAL LANGUAGES, OTHER	161362 #	FRENCH FOR NATIVE SPEAKERS 2
390200	BIBLE STUDIES, OTHER	161363 #	FRENCH FOR NATIVE SPEAKERS 3
390300	MISSIONARY STUDIES, OTHER	161364 #	FRENCH FOR NATIVE SPEAKERS 4
390400	RELIGIOUS EDUCATION, OTHER	240100	LIBERAL/GENERAL STUDIES, OTHER
390500	RELIGIOUS MUSIC, OTHER	240111	LIBERAL STUDIES
390600	THEOLOGICAL STUDIES, OTHER	240131	INDEPENDENT STUDY
390611	THEOLOGICAL STUDIES	240141	GIFTED AND TALENTED PROGRAM
399900	THEOLOGY, OTHER	250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL
		250111	LIBRARY SCIENCE
		250200	ARCHIVAL SCIENCE, OTHER
		250400	LIBRARY SCIENCE, OTHER
		250500	MUSEOLOGY, OTHER
		259900	LIBRARY AND ARCHIVAL SCIENC S, OTHER
		280100	AEROSPACE SCIENCE (AIR FORCE), OTHER
		280111	AEROSPACE EDUCATION
		280112	AEROSPACE EDUCATION 2



280113	AEROSPACE EDUCATION 3	542031	FUNCTIONAL LANGUAGE ARTS 3
280114	AEROSPACE EDUCATION 4	542039	FUNCTIONAL LANGUAGE ARTS 3, NOT FOR CREDIT
280121	CIVIL AIR PATROL		
280200	COAST GUARD SCIENCE, OTHER	542041	FUNCTIONAL LANGUAGE ARTS 4
280300	MILITARY SCIENCE (ARMY), OTHER	542049	FUNCTIONAL LANGUAGE ARTS 4, NOT FOR CREDIT
280311	ARMY LEADERSHIP DEVELOPMENT, INTRODUCTION	542051	FUNCTIONAL VOCATIONAL ENGLISH;
280312	ARMY INTERMEDIATE LEADERSHIP DEVELOPMENT	542059	FUNCTIONAL VOCATIONAL ENGLISH, NOT FOR CREDIT
280313	ARMY APPLIED LEADERSHIP DEVELOPMENT	542101	FUNCTIONAL READING
280314	ARMY ADVANCED LEADERSHIP DEVELOPMENT	542109	FUNCTIONAL READING, NOT FOR CREDIT
280400	NAVAL SCIENCE (NAVY, MARINES), OTHER	542201	FUNCTIONAL ORAL COMMUNICATION
280411	NAVAL SCIENCE 1	542209	FUNCTIONAL ORAL COMMUNICATION, NOT FOR CREDIT
280412	NAVAL SCIENCE 2		
280413	NAVAL SCIENCE 3	542301	FUNCTIONAL WRITING
280414	NAVAL SCIENCE 4	542309	FUNCTIONAL WRITING, NOT FOR CREDIT
280421	MARINE CORPS LEADERSHIP EDUCATION 1	542401	FUNCTIONAL ACADEMICS
280422	MARINE CORPS LEADERSHIP EDUCATION 2	542409	FUNCTIONAL ACADEMICS, NOT FOR CREDIT
280423	MARINE CORPS LEADERSHIP EDUCATION 3	543001	ACTIVITIES OF DAILY AND FAMILY LIVING
280424	MARINE CORPS LEADERSHIP EDUCATION 4	543009	ACTIVITIES OF DAILY AND FAMILY LIVING, NOT FOR CREDIT
289900	MILITARY SCIENCES, OTHER		
290100	MILITARY TECHNOLOGIES, OTHER	543101	SOCIAL/BEHAVIORAL SKILLS
309900	MULTI/INTERDISCIPLINARY STUDIES, OTHER	543109	SOCIAL/BEHAVIORAL SKILLS, NOT FOR CREDIT
320100	BASIC SKILLS, CAREER AND EMPLOYMENT, OTHER	543201	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS
320112	UNUSED CODE	543209	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS, NOT FOR CREDIT
320114	UNUSED CODE		
320200	BASIC SKILLS, GENERAL, OTHER	543301	FUNCTIONAL HEALTH
320201 #	RESOURCE ROOM (NON SPECIAL EDUCATION)	543309	FUNCTIONAL HEALTH, NOT FOR CREDIT
541001	GENERAL MATH SKILLS	543401	FUNCTIONAL TRANSITION SKILLS
541009	FUNCTIONAL MATH SKILLS, NOT FOR CREDIT	543409	FUNCTIONAL TRANSITION SKILLS, NOT FOR CREDIT
541101	FUNCTIONAL CONSUMER MATH		
541109	FUNCTIONAL CONSUMER MATH, NOT FOR CREDIT	544001	FUNCTIONAL SCIENCE
541201	FUNCTIONAL VOCATIONAL MATH	544009	FUNCTIONAL SCIENCE, NOT FOR CREDIT
541209	FUNCTIONAL VOCATIONAL MATH, NOT FOR CREDIT	544501	FUNCTIONAL SOCIAL SKILLS
542011	FUNCTIONAL LANGUAGE ARTS 1	544509	FUNCTIONAL SOCIAL STUDIES, NOT FOR CREDIT
542019	FUNCTIONAL LANGUAGE ARTS 1, NOT FOR CREDIT	549401	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES
542021	FUNCTIONAL LANGUAGE ARTS 2	549409	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES, NOT FOR CREDIT
542029	FUNCTIONAL LANGUAGE ARTS 2, NOT FOR CREDIT	550001	GENERAL PREVOCATIONAL PREPARATION
		550009	GENERAL PREVOCATIONAL PREPARATION, NOT FOR CREDIT

550101 CAREER EXPLORATION
550109 CAREER EXPLORATION, NOT FOR CREDIT
550201 GENERAL WORK-STUDY/EXPERIENCE
550209 GENERAL WORK-STUDY/EXPERIENCE, NOT FOR CREDIT
550301 GENERAL WORK EXPERIENCE
550309 GENERAL WORK EXPERIENCE, NOT FOR CREDIT
550401 COMBINED VOCATIONAL/ACADEMIC PREPARATION
550409 COMBINED VOCATIONAL/ACADEMIC PREPARATION, NOT FOR CREDIT
551011 GENERAL AGRICULTURE 1
551019 GENERAL AGRICULTURE 1, NOT FOR CREDIT
551021 GENERAL AGRICULTURE 2
551029 GENERAL AGRICULTURE 2, NOT FOR CREDIT
551031 GENERAL AGRICULTURE 3
551039 GENERAL AGRICULTURE 3, NOT FOR CREDIT
551111 ANIMAL CARE 1
551119 ANIMAL CARE 1, NOT FOR CREDIT
551121 ANIMAL CARE 2
551129 ANIMAL CARE 2, NOT FOR CREDIT
551211 PLANT CARE 1
551219 PLANT CARE 1, NOT FOR CREDIT
551221 PLANT CARE 2
551229 PLANT CARE 2, NOT FOR CREDIT
551311 AGRICULTURAL MECHANICS 1
551319 AGRICULTURAL MECHANICS 1, NOT FOR CREDIT
551321 AGRICULTURAL MECHANICS 2
551329 AGRICULTURAL MECHANICS 2, NOT FOR CREDIT
551411 AGRICULTURAL WORK STUDY
551419 AGRICULTURAL WORK STUDY, NOT FOR CREDIT
551511 AGRICULTURAL WORK EXPERIENCE
551519 AGRICULTURAL WORK EXPERIENCE, NOT FOR CREDIT
552011 GENERAL OFFICE PRACTICE 1
552019 GENERAL OFFICE PRACTICE 1, NOT FOR CREDIT
552021 GENERAL OFFICE PRACTICE 2
552031 GENERAL OFFICE PRACTICE 3
552111 OFFICE MACHINES 1
552121 OFFICE MACHINES 2
552211 BUSINESS WORD STUDY 1
552221 BUSINESS WORD STUDY 2
552311 BUSINESS WORK EXPERIENCE 1

552321 BUSINESS WORK EXPERIENCE 2
553011 GENERAL HEALTH OCCUPATIONS 1
553019 GENERAL HEALTH OCCUPATIONS 1, NOT FOR CREDIT
553021 GENERAL HEALTH OCCUPATIONS 2
553029 GENERAL HEALTH OCCUPATIONS 2, NOT FOR CREDIT
553031 GENERAL HEALTH OCCUPATIONS 3
553039 GENERAL HEALTH OCCUPATIONS 3, NOT FOR CREDIT
553111 HEALTH OCCUPATIONS WORK STUDY 1
553119 HEALTH OCCUPATIONS WORK STUDY 1, NOT FOR CREDIT
553121 HEALTH OCCUPATIONS WORK STUDY 2
553129 HEALTH OCCUPATIONS WORK STUDY 2, NOT FOR CREDIT
553211 HEALTH OCCUPATIONS WORK EXPERIENCE 1
553219 HEALTH OCCUPATIONS WORK EXPERIENCE 1, NOT FOR CREDIT
553221 HEALTH OCCUPATIONS WORK EXPERIENCE 2
553229 HEALTH OCCUPATIONS WORK EXPERIENCE 2, NOT FOR CREDIT
554011 GENERAL HOME ECONOMICS 1
554019 GENERAL HOME ECONOMICS 1, NOT FOR CREDIT
554021 GENERAL HOME ECONOMICS 2
554029 GENERAL HOME ECONOMICS 2, NOT FOR CREDIT
554031 GENERAL HOME ECONOMICS 3
554039 GENERAL HOME ECONOMICS 3, NOT FOR CREDIT
554111 CHILD DEVELOPMENT 1
554119 CHILD DEVELOPMENT 1, NOT FOR CREDIT
554121 CHILD DEVELOPMENT 2
554129 CHILD DEVELOPMENT 2, NOT FOR CREDIT
554211 CLOTHING AND TEXTILES 1
554219 CLOTHING AND TEXTILES 1, NOT FOR CREDIT
554221 CLOTHING AND TEXTILES 2
554229 CLOTHING AND TEXTILES 2, NOT FOR CREDIT
554311 FOOD AND NUTRITION 1
554319 FOOD AND NUTRITION 1, NOT FOR CREDIT
554321 FOOD AND NUTRITION 2
554329 FOOD AND NUTRITION 2, NOT FOR CREDIT

554411	HOME ECONOMICS WORK STUDY 1	557211	LEATHERWORK AND UPHOLSTERY 1, NOT FOR CREDIT
554419	HOME ECONOMICS WORK STUDY 1, NOT FOR CREDIT	557219	LEATHERWORK AND UPHOLSTERY 1, NOT FOR CREDIT
554421	HOME ECONOMICS WORK STUDY 2	557221	LEATHERWORK AND UPHOLSTERY 2
554429	HOME ECONOMICS WORK STUDY 2, NOT FOR CREDIT	557229	LEATHERWORK AND UPHOLSTERY 2, NOT FOR CREDIT
554511	HOME ECONOMICS WORK EXPERIENCE 1	557311	MEATCUTTING 1
554519	HOME ECONOMICS WORK EXPERIENCE 1, NOT FOR CREDIT	557319	MEATCUTTING 1, NOT FOR CREDIT
554521	HOME ECONOMICS WORK EXPERIENCE 2	557321	MEATCUTTING 2
554529	HOME ECONOMICS WORK EXPERIENCE 2, NOT FOR CREDIT	557329	MEATCUTTING 2, NOT FOR CREDIT
555011	GENERAL INDUSTRIAL ARTS 1	557411	PRECISION PRODUCTION WORK STUDY 1
555019	GENERAL INDUSTRIAL ARTS 1, NOT FOR CREDIT	557419	PRECISION PRODUCTION WORK STUDY 1, NOT FOR CREDIT
555021	GENERAL INDUSTRIAL ARTS 2	557421	PRECISION PRODUCTION WORK STUDY 2
555029	GENERAL INDUSTRIAL ARTS 2, NOT FOR CREDIT	557429	PRECISION PRODUCTION WORK STUDY 2, NOT FOR CREDIT
555031	GENERAL INDUSTRIAL ARTS 3	557511	PRECISION PRODUCTION WORK EXPERIENCE 1
555039	GENERAL INDUSTRIAL ARTS 3, NOT FOR CREDIT	557519	PRECISION PRODUCTION WORK EXPERIENCE 1, NOT FOR CREDIT
556111	COSMETOLOGY/BARBER 1	557521	PRECISION PRODUCTION WORK EXPERIENCE 2
556119	COSMETOLOGY/BARBER 1, NOT FOR CREDIT	557529	PRECISION PRODUCTION WORK EXPERIENCE 2, NOT FOR CREDIT
556121	COSMETOLOGY/BARBER 2	558011	GENERAL CONSTRUCTION TRADES 1
556129	COSMETOLOGY/BARBER 2, NOT FOR CREDIT	558019	GENERAL CONSTRUCTION TRADES 1, NOT FOR CREDIT
556211	CUSTODIAL AND HOUSEKEEPING SERVICES 1	558021	GENERAL CONSTRUCTION TRADES 2
556219	CUSTODIAL AND HOUSEKEEPING SERVICES 1, NOT FOR CREDIT	558029	GENERAL CONSTRUCTION TRADES 2, NOT FOR CREDIT
556221	CUSTODIAL AND HOUSEKEEPING SERVICES 2	558031	GENERAL CONSTRUCTION TRADES 3
556229	CUSTODIAL AND HOUSEKEEPING SERVICES 2, NOT FOR CREDIT	558039	GENERAL CONSTRUCTION TRADES 3, NOT FOR CREDIT
556311	FOOD SERVICES 1		
556319	FOOD SERVICES 1, NOT FOR CREDIT		
556321	FOOD SERVICES 2		
556329	FOOD SERVICES 2, NOT FOR CREDIT		
556411	MISCELLANEOUS SERVICES 1		
556419	MISCELLANEOUS SERVICES 1, NOT FOR CREDIT		
556421	MISCELLANEOUS SERVICES 2		
556429	MISCELLANEOUS SERVICES 2, NOT FOR CREDIT		
556511	SERVICE OCCUPATIONS WORK STUDY 1		
556519	SERVICE OCCUPATIONS WORK STUDY 1, NOT FOR CREDIT		
556521	SERVICE OCCUPATIONS WORK STUDY 2		
556529	SERVICE OCCUPATIONS WORK STUDY 2, NOT FOR CREDIT		
556611	SERVICE OCCUPATIONS WORK EXPERIENCE 1		

558111	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1	562304 *	RESOURCE LANGUAGE ARTS/ENGLISH 4
558119	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1, NOT FOR CREDIT	562309	RESOURCE LANGUAGE ARTS/ENGLISH, NOT FOR CREDIT
558121	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2	562310	SPECIAL EDUCATION READING
558129	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2, NOT FOR CREDIT	562311	RESOURCE READING
558211	CARPENTRY 1	562319	RESOURCE READING, NOT TAKEN FOR CREDIT
558219	CARPENTRY 1, NOT FOR CREDIT	562320	SPECIAL EDUCATION WRITING
558221	CARPENTRY 2	562321	RESOURCE WRITING
558229	CARPENTRY 2, NOT FOR CREDIT	562329	RESOURCE WRITING, NOT FOR CREDIT
558311	PLUMBING 1	562700	SPECIAL EDUCATION MATH
558319	PLUMBING 1, NOT FOR CREDIT	562701	RESOURCE GENERAL MATH
558321	PLUMBING 2	562709	RESOURCE GENERAL MATH, NOT FOR CREDIT
558329	PLUMBING 2, NOT FOR CREDIT	562711	RESOURCE VOCATIONAL MATH
558411	CONSTRUCTION TRADES WORK STUDY 1	562719	RESOURCE VOCATIONAL MATH, NOT FOR CREDIT
558419	CONSTRUCTION TRADES WORK STUDY 1, NOT FOR CREDIT	562721	RESOURCE CONSUMER MATH
558421	CONSTRUCTION TRADES WORK STUDY 2	562729	RESOURCE CONSUMER MATH, NOT FOR CREDIT
558429	CONSTRUCTION TRADES WORK STUDY 2, NOT FOR CREDIT	563201	RESOURCE CAREER
558511	CONSTRUCTION TRADES WORK EXPERIENCE 1	563209	EXPLORATION/PREVOCATIONAL SKILLS
558519	CONSTRUCTION TRADES WORK EXPERIENCE 1, NOT FOR CREDIT	563211	RESOURCE TRANSITION SKILLS
558521	CONSTRUCTION TRADES WORK EXPERIENCE 2	563219	RESOURCE TRANSITION SKILLS, NOT FOR CREDIT
558529	CONSTRUCTION TRADES WORK EXPERIENCE 2, NOT FOR CREDIT	564000	SPECIAL EDUCATION GENERAL SCIENCE
559011	AUTO SERVICE 1	564001	RESOURCE GENERAL SCIENCE
559019	AUTO SERVICE 1, NOT FOR CREDIT	564009	RESOURCE GENERAL SCIENCE, NOT FOR CREDIT
559021	AUTO SERVICE 2	564500	SPECIAL EDUCATION SOCIAL STUDIES
559029	AUTO SERVICE 2, NOT FOR CREDIT	564501	RESOURCE SOCIAL STUDIES
559111	AUTO SERVICE, WORK EXPERIENCE 1	564509	RESOURCE SOCIAL STUDIES, NOT FOR CREDIT
559119	AUTO SERVICE, WORK EXPERIENCE 1, NOT FOR CREDIT	569001	GENERAL TUTORIAL SERVICES
559121	AUTO SERVICE, WORK EXPERIENCE 2	569009	GENERAL TUTORIAL SERVICES, NOT FOR CREDIT
559129	AUTO SERVICE, WORK EXPERIENCE 2, NOT FOR CREDIT	569101	RESOURCE STUDY SKILLS
562300	SPECIAL EDUCATION LANGUAGE ARTS	569109	RESOURCE STUDY SKILLS, NOT FOR CREDIT
562301 #	RESOURCE LANGUAGE ARTS/ENGLISH 1	569201	SCHOOL AND SOCIAL SURVIVAL SKILLS
562302 #	RESOURCE LANGUAGE ARTS/ENGLISH 2	569209	SCHOOL AND SOCIAL SURVIVAL SKILLS, NOT FOR CREDIT
562303 #	RESOURCE LANGUAGE ARTS/ENGLISH 3	569301	RESOURCE SURVIVAL SKILLS
		569309	RESOURCE SURVIVAL SKILLS, NOT FOR CREDIT
		569401	HANDICAP SPECIFIC SUPPORT SERVICES

569409 HANDICAP SPECIFIC SUPPORT SERVICES, NOT
FOR CREDIT

B-81

578

579

United States
Department of Education
Washington, D.C. 20208-5653

Official Business
Penalty for Private Use, \$300



POSTAGE AND FEES PAID
U.S. DEPARTMENT OF EDUCATION
ED 395
SPECIAL THIRD CLASS RATE



580