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ABSTRACT

In October 1990, a study was conducted of Miami-Dade Community College (M-DCC) occupational programs over the 5-year period from 1984-85 through 1988-89. The study examined trends in enrollment, graduation, attainment of state-mandated job placement standards, and pre-program interest among students for both Associate of Arts (A.A.) and Associate of Science (A.S.) degrees. The opening three sections of this report provide summary information on the placement status of 1988-89 graduates; the distribution of A.S. programs on M-DCC campuses; and the graduation and enrollment trends in each of the different occupational programs. The final section consists of extensive data tables for each of the A.S. programs, providing information on total program enrollees, numbers of graduates, number of graduates employed in a related field, number continuing their education, number employed in an unrelated field, number in the job placement pool, number placed, and the number originally declaring enrollment in an A.A. or an A.S. program. Data are provided for each of the 5 academic years from 1984-85 through 1988-89. Highlighted findings for 1988-89 include the following: (1) the overall job placement rate for graduates of A.S. programs was 96.8%; (2) 85% of the A.S. programs had graduates who were continuing their education; (3) only 3% of the graduates were employed in fields unrelated to their training; and (4) the programs with the largest numbers of graduates were Nursing, Office Systems Technology, and Electronics Technology. (GFW)

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1984-85 THROUGH 1988-89

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Institutional Research

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Synopsis of the Report

This report presents data on individual Miami-Dade Community College occupational programs over a period of five years, from 1984-85 through 1988-89. The data show trends for enrollment, graduation, placement standard attainment, and preprogram interest for both A.A. and A.S degrees. Most of these program data are reported to the Florida State Board of Community Colleges and are considered in program review decisions. Placement data are an integral part of the on-going State program review process.

Some highlights of the report include:

*The overall placement rate for 1988-89 graduates of Associate in Science programs is 96.8%.

*All A.S. programs which had graduates met the State 70% placement criterion; most programs far exceeded the standard.

*In 85% of the A.S. programs with graduates, some graduates were found to be continuing their education. A number of high continuing education rates are for programs with Associate in Arts counterparts. Students often complete curricula qualifying them for both degrees.

*A substantial percent of A.S. graduates are continuing their education in ten programs:

- 63% Interior Design Technology
- 60% Graphic Arts Technology
- 60% Radio & TV Broadcast Programming
- 42% Banking & Financial Institutions (Financial Services)
- 40% Early Childhood Education
- 39% Travel Agency Management
- 38% Electronics Technology
- 37% Business Data Processing & Computer Programming
- 35% Business Administration & Management
- 30% Aviation & Allied Studies (Aircraft Piloting)

*Only 3% of the 1988-89 A.S. graduates were employed in fields unrelated to their training.

*The ten programs with the largest number of enrollees for 1988-89 are:

- 877 Business Administration & Management
- 593 Business Data Processing & Computer Programming
- 585 Office Systems Technology
- 487 Electronics Technology
- 475 Nursing - ADN
- 282 Legal Assistant
- 231 Nursing - Transitional
- 225 Aviation & Allied Studies (Aircraft Piloting)
- 223 Early Childhood Teacher Education
- 214 Fire Science Technology

*The eleven programs with the largest number of graduates for 1989-90 are:

- 107 Nursing - ADN
- 85 Nursing - Transitional
- 70 Office Systems Technology
- 62 Electronics Technology
- 54 Business Data Processing & Computer Programming
- 53 Basic Law Enforcement
- 50 Business Administration & Management
- 47 Dental Hygiene
- 45 Early Childhood Teacher Assistant (Child Dev & Educ)
- 30 Radiologic Technology
- 30 Vision Care Technology

*Of the 51 programs active in 1988-89, 16 (31%) are medically related.

*Of the 35 nonmedical programs, 23 (66%) are campus exclusive (1 on South, 5 on Wolfson, 17 on North).

*Of the remaining 12 nonmedical programs, 7 (20%) are offered on both North and South campuses; 5 programs (14%) are found on North, South, and Wolfson. There are no programs offered on all M-DCC campuses.

Program Review:
A Five Year Summary of
Placement and Follow-Up Information
Of Students in Associate in Science Degree Programs
(1984-85 Through 1988-89)

The purpose of this report is to examine the progress of students enrolled in Miami-Dade Community College (MDCC) occupational programs over a period of five years. Associate in Science programs are monitored by standards set by the Florida state legislature. Criteria applied are directed at accountability to the student, community, and taxpayer. For a description of the three levels of the program review process, see Program Review: A Longitudinal Study of Associate in Science Degree Programs, 1983-84 Through 1988-89 (Research Report No. 89-26R). Positive results for program graduates are interpreted to be: 1) Employment in a job related to the field of training or 2) Continuing education. The graduate is considered to have been successfully placed if either outcome ensues. Follow-up or tracking of students to determine placement is an integral facet of the program review process. At the program level, a placement rate of 70% for graduates meets minimal State program review standards. Program enrollment data are also reported to the State and are included in the present paper to highlight trends.

Placement Status of 1988-89 Graduates

Table 1 summarizes the placement status of the 1988-89 graduates from A.S. programs. Four separate Nursing-ADN programs are shown in Table 1 but for State reporting purposes, all are aggregated as noted. Two Planned Certificate programs are included in the table because their performance is also monitored by the State. Many changes of program title have occurred. New titles are used in this table if they resemble the old title. Where title changes bear little resemblance to their former titles, the new titles are enclosed in parentheses. The one factor that has remained stable in A.S. degree occupational programs is the Miami-Dade program code. To

preserve program identity across changes, these program codes are referenced.

The pool of 902 completers omits nonresident alien (NRA) graduates for they normally return to their country of origin and are difficult to track. The pool also omits graduates who could not be located, despite concerted effort. This is the first time the placement pool comprises only those graduates who could be located, and the placement rates for the 1988-89 graduates are thus at an all time high. The current placement rate equation follows:

$$\text{Placement Rate} = \frac{\text{No. in Related Job} + \text{No. Continuing Education}}{\text{Completion Pool (omits NRA \& unknowns)}}$$

As an entirety, 79.8% of the M-DCC 1988-89 A.S. graduates were in related employment and 17% were continuing their education for a total placement rate of 96.8%. Though the A.S. degree is employment rather than baccalaureate oriented, in 85% of the programs with completers, some graduates are continuing their education. Substantial proportions of the graduate pool were found continuing their education in ten programs:

- 63% Interior Design Technology
- 60% Graphic Arts Technology
- 60% Radio & Television Broadcast Programming
- 42% Banking & Financial Institutions (Financial Services)
- 40% Early Childhood Education
- 39% Travel Agency Management
- 38% Electronics Technology
- 37% Business Data Processing & Computer Programming
- 35% Business Administration & Management
- 30% Aviation & Allied Studies (Aircraft Piloting).

Several of the A.S. programs with high continuing education rates are programs with Associate in Arts counterparts. Students complete curricula qualifying them for both degrees. In 1988-89, 116 multiple degrees were

awarded. Advantages accrue from dual degree achievement -- preparation for the baccalaureate degree simultaneous to job preparation.

Most of the A.S. programs that met the State's standard in 1988-89 far exceeded the minimum 70% required. An all-time high placement rate of 89.3% occurred last year with the 1987-88 graduates. This rate would have been 94.8% were graduates with unknown status omitted from the placement rate calculation. In 1988-89, the aggregated program placement rate is even higher --- 96.8%. For the past two years, the addition of state community college data to search for graduates who are continuing education has helped to boost the placement rate. Two new sources of placement data supplied by the Florida State Department of Labor for the 1988-89 A.S. graduates were information on former M-DCC enrollees working in the U.S. Postal Service and information on those employed by the U. S. government. Only 3% of the 1988-89 graduates were employed in occupations unrelated to their field of training.

As a group, the graduates in the health programs have been easiest to locate and the most responsive to inquiries about their employment status, even before the State imposed its criterion. Health programs, again, surpassed the already high aggregated placement rate with most programs showing 100% placement. The contractual programs (Basic Law Enforcement and Fire Science Technology) were outstanding in their placement rates primarily because program enrollees are already in related jobs. The new Postsecondary Adult Vocational programs (PSAV) will be monitored by the Florida State Department of Education and so will appear in subsequent program review reports issued by Institutional Research.

There were only five programs not meeting the 70% criterion in 1988-89 (Table 2). All of these programs had zero graduates and, therefore, no opportunity for placements. Many of these latter programs have normally graduated no one. The State will shortly be focusing its efforts on programs having low enrollments and/or zero completions.

Distribution of A.S. Degree Programs on M-DCC Campuses

Table 3 displays programs exclusive to each campus. There are 23 nonmedical Associate in Science programs where facilities and faculty are concentrated on one campus. South Campus has 1 exclusive program (Landscape Development), Wolfson has 5, and North Campus has 17. These latter seventeen programs represent a broad diversity of disciplines.

Table 4 shows multi-campus programs. Seven programs are offered on both the North and South Campuses. Five programs are offered on North, South, and Wolfson; four of these five programs are in fields having more generic employment opportunities. There are no programs offered on all M-DCC campuses.

Overview of Occupational Programs

Tables 5-55 present program review data for each of the Associate in Science degree programs at Miami-Dade Community College. Two Planned Certificate programs included are Law Enforcement and Pharmacy Technician. Variables shown give an indication of the interest in an occupational program across a span of five years (1984-85 through 1988-89). The program review tables contain campus specific data for only those programs that are offered on more than one campus. Where programs are solely offered on one campus, college-wide data are identical to campus data.

For programs that are offered on multiple campuses, the College-wide totals indicate home campus registrations rather than course campus registrations. Trends can be seen among key variables for each program. A stable identifier, Miami-Dade program code, provides an accurate means of identifying a program across years as program titles have changed.

Definitions of the variables in these tables follow:

Graduation Year - the State Report Year data from spring, summer, fall, and winter (e.g. 87-3, 87-4, 88-1, 88-2).

Program Enrollees - the State Report year count of students who have declared the program and earned at least 15 credit hours excluding College Preparatory and English as a Second Language courses.

Graduates - all persons awarded an Associate in Science degree or Planned Certificate.

Employed Related - graduates who were hired for jobs in which their training skills and knowledge are being utilized.

Continuing Education - graduates who have returned to study in an institution of higher learning. Those in private or out-of-state universities are, for the most part, excluded from the count.

Unrelated Employment - data come from two sources: 1) self-reported information by the graduate or 2) program code/ industry code non-match.

Status Unknown - graduate could not be located in spite of intensive search of many sources.

Placement Pool - total number of completions excluding non-resident alien (visa) graduates and for 1988-89, exclusion of "status unknown" graduate.

Fall Term Student Declaration of Major - Fall term enrollees who declare that they are in the program. They may not all currently meet the credit requirement of a program enrollee. If an Associate in Arts program counterpart exists, those enrollment declaration totals are also given. The related A.A. program is listed at the foot of the table.

Highlights of Individual Programs

Patterns over the past five years can be seen for each Associate in Science degree program. Tables 5-55 give detailed data for specific occupational programs in alphabetical order by program title. While the State no longer includes in the placement pool those graduates who could not be located, the data will continue to be displayed. A few programs tend to have higher unknown rates than the norm and some effort will be directed at reducing the number.

The first of the occupational programs detailed in this report is Air Conditioning, Refrigeration & Heating Systems Technology (Table 5). This program has declined in both enrollments and completions. In three of the five years of the state's imposed 70% minimum success criterion, the

program has met standards. There is no A.A. degree counterpart to this program.

The Allied Health Technology Enhancement Studies program (Table 6) is new and has no placement data to report.

Table 7 gives data for Architectural Technology. Enrollments over five years have fluctuated between 33 and 49. There are few graduates from this program. In the latest year, all graduates were successfully placed. A.A. student declarations for this program rose above previous levels in 1988-89.

Aviation and Allied Studies (Aircraft Piloting and Navigation, Professional Pilot Technology), Table 8, shows a 139% growth in enrollments over five years. This enrollment increase is due to the addition of this program on North Campus in 1987-88, and to the Pilot Entry program on South Campus. Graduation rates are also increasing. Placement standards were met in four of five years. Substantial numbers of A.S. and A.A. students show interest in this program as potential majors.

Table 9 gives Aviation Maintenance Technology data. Enrollment increases are attributed to the establishment of this program on the South Campus. The number of graduates continues to be single digit. Placement success occurred in four of five years. A.A. intent has dropped markedly (-68%) in the past two years. This decline was offset to some extent by the A.S. intent declaration increase.

Banking & Financial Institutions or Financial Services (Table 10) is at a five year low in enrollments. The number of graduates has remained steady in the last three years. Four of five placement rates have met criterion. Fall term declarations for this program have dropped correspondingly. Nationwide developments in the financial industry appear to impact enrollments. The A.A. counterpart is generic (Business Administration) and therefore an unclear indicator of interest for this specific program.

Basic Law Enforcement or Law Enforcement (Table 11) is one of two Planned Certificate programs under State criterion. Since its first

certification class in 1985-86, this program has had a high completion rate. Placement rates have consistently been close to 100%. Enrollment and completions data for 1987-88 and 1988-89 are under-reported. This program is in a transitional state and college electronic file programming is being set up to receive these data. Law Enforcement will henceforth be designated as program code 7U, Vocational Credit Certificate. Criminal Justice administration, its A.A. correlative, has had a pattern of high student interest, averaging 528 declared majors per Fall Term.

Building and Construction Technology (Table 12) had approximately 45 enrollees each year for the past five years. Roughly one out of ten of the students in this program graduates. Placement rates have met standards in only one out of five mandated years. This field is sensitive to economic and cyclical changes. Declarations for both associate degrees generally parallel actual enrollments.

Business Administration & Management (Table 13) is one of Miami-Dade's largest programs for both the A.S. and A.A. degrees. The huge increase in A.S. enrollments in recent years is due mainly to the consolidation and streamlining of related programs. For example, when the accounting program was retired, the enrollees were channeled into Business Administration. An increase in the number of graduates is perhaps also due to consolidation.

Business Data Processing, now called Computer Information Systems Analysis (Table 14), is another of M-DCC's leading programs. While still large, counts have dropped for actual program enrollees and A.A. declarations. The number of graduates in 1988-89 is lower by one person than five years ago. Placement rates have met criterion in four of five years. Approximately one-fourth of program graduates were continuing their education for the last two cohorts. Since an A.S. degree has job preparation as its objective, a number of graduates may have obtained dual degrees. This is another field where state-of-the-art competencies enable concurrent financial support for upper division study.

Though the Chiropractic Technician 2 program (Table 15) is new, it already has a graduate and this person was placed successfully.

Civil Engineering Technology (Table 16) had a low range of enrollments and declarations (12-34) over the past five years. However, its A.A.-related program shows a tenfold larger enrollment intent. For most years, this program has had no graduates.

The enrollments of Commercial & Industrial Photography, now called Photographic Technology (Table 17), have increased by 100% in five years. Graduation numbers are small but doubled to four in 1988-89. A successful placement rate was achieved for the last two successive years.

Table 18 gives data for Commercial Art and Advertising Design (Graphic Design Technology). The number of enrollments for this program has remained relatively stable (approximately 90) for five years. Stability is also seen for A.S. and A.A. declarations. The size of the pool of interest would tend to lead one to feel somewhat "safe" about prospective students moving into the program. Placement rates have been above 70% for four of the five years of State requirements.

The Court Reporting Technology program (Table 19) has grown in enrollments by 117% in five years. There is a mean of 3 graduates per year as compared to over 100 enrollees per year for the past 3 years. Leavers (attrition) data for this program do not reveal a high percent of in-field employment. For four of the five years, the 70% placement criterion was met. There is no direct correspondence of this A.S. degree program with any A.A. degree program. The most appropriate related A.A. program is the generic Business Administration program. Several other A.S. programs with unique curricula are similarly categorized for the related A.A. major declaration.

For the Criminal Justice Technology program (Table 20), enrollments are fairly stable across time but graduations have declined in recent years. The 70% placement criterion was met in three of five years. Among the 1987-88 graduates, 43% returned to educational institutions. This

program lends itself to dual purpose objectives for both employment and baccalaureate goals. There is strong A.A. declaration (in the 500's) for the criminal justice field.

The enrollments for Dental Hygiene Technology (Table 21) have remained relatively stable. After a severe drop in number of graduates during 1985-86, recovery is occurring. Placement rates have been high for all years. Were it not for the unknown status of its graduates for 1986-87, all placement rates would be close to 100%. The declaration of major intent by students for this program has been steady. A related program, Dental Laboratory Technology and Management (Table 22), was recently established and already has one graduate for a 100% placement rate.

Enrollments for Dietetic Technician (Table 23) fluctuated between 28 and 40 in five years. There is a mean of 5 graduates from this program per year. Placement rates were above criterion for 4 of 5 years. When the number of graduates is very small, as in 1985-86, calculation of placement rates gives a distorted impression. Declarations for either the A.S. or A.A. degree are generally on a par with actual program enrollees.

Table 24 gives data for Early Childhood Teacher Education (Child Development and Education). Program enrollees and declarations for both A.S. and A.A. degrees have increased substantially over a five-year period. A mean of 30 graduates per year gives this program an unusually high graduation to enrollment ratio (1:6). High placement rates exist for this program. The apparently low rate in 1986-87 was due to the large number of graduates who could not be located. In 1987-88, 58% of graduates continued their education beyond the associate degree. In 1988-89, 39% of these graduates were continuing their education. Associate degree graduates in childhood education perform well in the State University System.

Electrical Distribution Technology or Power Generation and Distribution Technology (Table 25) has a low number of enrollees and graduates over the years. Placement rates swing sharply between zero and one-hundred percent. The A.A. related enrollment declarations (Electrical Engineering), indicate very strong interest in the major.

Electroencephalographic Technology (Table 26) has a mean of 10 enrollees and 3 graduates per year. When the number of completions is small, the placement rates oscillate wildly from year to year. The closest A.A. degree related program, Medical Technology, has a fair number of students declaring interest.

Electromechanical Technology or Computer Integrated Manufacturing (Table 27) shows a decrease in enrollments over a five year period. The solitary completer in each of the earlier years has found employment in-field. In 1988-89, there were two graduates in the placement pool and they were both successfully placed. The A.A. counterpart, Mechanical Engineering, has a substantial number of potential student declarations across years. It is difficult to know, particularly with engineering programs, which program the student will ultimately declare for a major at graduation; declaration shifts are unpredictable from term to term. These shifts may be indicative of the student's own uncertainty of major or desire to sample other programs.

Electronics Technology (Table 28) is one of the A.S. programs at M-DCC with the largest enrollment. Its size by declaration of intent for the A.S and A.A. is even more substantial. This program ranks among the largest for number of students graduating from M-DCC with an A.S. degree. The Electronics Technology program draws many nonresident alien students but for State reporting purposes, these graduates are omitted from the placement pool. Were it not for the unknown status of a number of its graduates, placement rates would have been consistently above minimum standards. For the 1987-88 year, nearly one-third of program completers were found to be continuing their education; in 1988-89 the continuing education rate rose to 38%. As with other engineering graduates, the likelihood of obtaining dual degrees and/or of furthering their education is greater than with many other A.S. degree programs.

Over a period of four years, Engineering Drawing and Design Technology (Table 29) shows a gradual decline in enrollments. In its best year, 1986-87, there were five graduates and the success rate was 80%.

Other years have been below the 70% standard, with no graduates for the past two years.

The Fashion Studies or Fashion Marketing Management program (Table 30) has grown in enrollment over the past four years. The number of completers is increasing and placement rates are also rising. The increases may be influenced by program consolidation efforts and by the expansion of Institutional Research sources for locating completers.

Fire Science Technology, now called Fire Fighting (Table 31) has been growing steadily in enrollees since 1985-86. State placement standards were met for all years. This program has no A.A. counterpart.

Funeral Service Education program (Table 32) has a mean of 105 students and 25 graduates per year over five years. The high ratio of completion to enrollments (1:4) may indicate that this is a program that one intends to complete once enrolled in its courses. In-field employment rates have been high for all years studied.

The 1988-89 Graphic Arts Science Technology (Table 33) enrollments are at the 1984-85 level. Completions range from 3-7 persons. Placement rates have been high for the past three years. The low rate for the two earlier years is due to the inability to locate graduates. For the most part, interest in the program as evidenced by Fall Term declarations, has fluctuated over a narrow range.

For the Hospitality Management program (Table 34), both actual A.S. degree enrollees and A.S. intent to enroll have declined over the years. In contrast, declarations for the A.A. major have risen. This student behavior may be influenced by the quality of the upper division transfer program at the local university and by the employment opportunities existing in management locally for those holding a baccalaureate degree. Placement criterion was met for all years.

The Interior Design Technology program (Table 35) showed a four year drop but recovered for both enrollees and graduates in 1988-89. The

state placement criterion was met for three years of the four years displayed. In the other two years in which criterion was not met, the unknown status of completers contributed heavily to that state. This program is dominated by females who may become homemakers or move out-of-state. This makes it difficult to determine placement outcomes. In 1988-89, 63% of the placement pool were found to be continuing education.

Land Surveying (Table 36) shows steady growth of enrollments for the past four years, from 11 to 33. Intent declarations are also at nearly the same levels. Lack of graduates since 1985-86 has resulted in zero percent placement. There is no related A.A degree program.

Landscape Development (Table 37) has grown in enrollments from 4 to 22 in the last five years. The number of graduates in this program ranges from 0-4. The placement criterion was met for the last two consecutive years.

Table 38 displays data for the Legal Assistant program. Since 1984-85, enrollments have more than doubled -- from 138 to 282. In the same period of time, the number of graduates has exactly doubled. Placement rates have exceeded the minimum 70% standard for all five years. There is a sizable pool of students declaring interest in this program.

The Medical Laboratory Technology program (Table 39) shows enrollment stability; a mean of 18 students graduate from this program each year. The placement criterion was met for all years under mandate. The number of Fall Term A.S. declarations has stabilized in the 90's. There has been a 27% drop of A.A. declarations since 1986-87.

The Medical Record Technology program (Table 40) reversed its growth trend in 1988-89 with a 24% decline in enrollments. The number of graduates per year has been somewhat erratic. For four of five years, the state placement criterion was well above minimum standard. In the one year in which the standard was not met, the principle contributor to that condition was the unknown status of graduates. While A.S. declarations are rising, A.A. intent is declining.

Nursing - ADN (Table 41) has consistently high enrollments, in the upper four-hundreds. This is one of the College's largest A.S. programs for both enrollments and graduations. Placement standards were substantially met in all years. Even though A.A. declarations have dropped 38% in five years, a sizable group declares an interest in nursing. A.S. declarations are also impressive.

Nursing ADN - Accelerated Option (Table 42) appears to be on firm foundation with respect to number of enrollments, graduations, placements and declarations.

Nursing ADN - Jackson (Table 43) is experiencing a marked decline in enrollments. Enrollments have dropped by 83% and declarations are down to a trickle. Graduations are likewise declining. State criterion was met in all four years. The Fall Term declarations for the A.S. degree are made up of students who enter Miami-Dade courses directly from clinical training at Jackson. Since 1986-87, the University of Miami has offered Jackson diploma holders immediate access to the university's baccalaureate degree program; tuition rebates are given to the graduate with a UM bachelor degree who works at Jackson Memorial Hospital. This agreement has had its impact.

Nursing ADN - Transition (Table 44) has substantial numbers of enrollees though these numbers are dropping slightly. While the number of graduates is still high, it is also dropping. A.S. declarations have declined by 26% since 1985. Intensive efforts at recruitment are currently occurring for this program. Targeted recruitment populations are those with clinical experience in related medical fields. Placement rates have been above criterion for all five years.

Table 45, Nursing Education Enhancement Studies is a new program and has no placement data.

Office Technology (Table 46) was comprised of a number of separate secretarial science programs that were consolidated in 1984-85. This administrative act is reflected by a boost of enrollments shown for that year. As an official program, Office Systems Technology came into being in

the winter term of 1985. The 1985-86 enrollee figure represents more realistic enrollments of this new program. Since then, Office Technology has become firmly established. Enrollments are steadily increasing. The number of graduates is also growing. Placement rates have been above standard each and every year. The potential pool in A.S. student declaration reflects the state of transition for the earliest years shown.

Pharmacy Technician (Table 47) is the second of two Planned Certificate programs appearing in this report. Along with A.S. programs, it too, is under state mandated monitoring. Though the absolute numbers of enrollees and graduates are small, the proportion of enrollees and graduates has increased appreciably. Placement rates have been high with the exception of the one year dominated by a large percent in the unknown status category.

Physical Therapist Assistant Technology (Table 48) experienced four years of growth before a drop in enrollments in 1988-89. This has been true also for the number of graduates. The 70% placement criterion was met for all mandated years. Declarations for both the A.S. and A.A. degrees are fairly stable; the A.A. pool is substantial.

Postal Management (Table 49) enrollments have increased slightly in the past two years. There were no graduates in the last two years. The state 70% placement criterion was met in two of three years in which there were completers. The pool of potential students is modest.

Radio and TV Broadcasting Technology (Table 50) is variable for both enrollees and graduates across five years. Fall term student declarations for the A.S. major generally approximate A.A. declarations. In four of five years, the State 70% placement criterion was met.

Radiologic Technology (Table 51) has grown by 59% over the years shown. A mean of 22 people graduate from this program each year. A high ratio of graduates to enrollees (1:3) exists for this program. The 70% placement standard has been met each year.

After a period of declining enrollment, Respiratory Therapy Technology (Table 52) has recovered to its 1984-85 level. A mean of 16 students graduate from this program each year and most are placed in related employment. As with other controlled access programs in which student commitment is well-grounded, the ratio of graduates to enrollees is high (1:4).

The Sign Language Studies program or Interpreter Training for Hearing Impaired, Table 53, has grown in enrollments by 28% over five years. The number of graduates has varied between zero and eight. A.S. declarations approximate program enrollments. There is no A.A. equivalent program. State 70% placement criterion was met in two of five years.

Table 54 gives data for the Travel and Tourism Management program. Since 1987-88, the program has declined in actual annual enrollments but Fall Term declarations for this major remain strong. The relatively high number of graduates in 1986-87 was due to special funding during that period. In two of five years, the placement criterion was met. This field is sensitive to changes in economic conditions and international events.

Vision Care Technology/Opticianry (Table 55) has a mean of 78 enrollments and 29 graduates each year. In 1987-88, 57% of the graduates were continuing education. The placement criterion was met in all years. Both A.A. and A.S. degree declarations have remained steady over the years.

Table 1

Summary: Follow-up of 1988-89
Associate in Science* Graduates
Miami-Dade Community College

Program Title	Miami-Dade		Placement Status				
	Program Code	Completion Pool**	Related Employment	Continuing Education	Unrelated Employment	Number Placed	Percent Placed
Air Conditioning, Refrigeration & Heating Systems Technology	52	5	4	1	0	5	100
Architectural Design & Construction Technology	53	3	2	1	0	3	100
Aviation & Allied Studies (Aircraft Piloting & Navigation)	K1	20	14	6	0	20	100
Aviation Maintenance Management	51	7	6	1	0	7	100
Banking & Financial Institutions (Financial Services)	R9	12	7	5	0	12	100
Basic Law Enforcement (Law Enforcement)	BL	53	53	0	0	53	100
Building Construction Technology	64	0	0	0	0	0	0
Business Administration & Management	77	36	20	11	0	31	86
Business Data Processing (Computer Information Systems Analysis)	55	42	22	13	7	35	83
Chiropractic Technician 2 (Medical Assisting)	L3	1	1	0	0	1	100
Civil Engineering Technology	54	1	0	1	0	1	100
Commercial Art & Advertising (Graphic Design Technology)	R5	7	4	2	1	6	86
Commercial/Industrial Photography (Photographic Technology)	J5	3	3	0	0	3	100
Court Reporting Technology	75	2	2	0	0	2	100
Criminal Justice Technology	84	11	9	1	1	10	91
Dental Hygiene	N4	45	35	10	0	45	100
Dental Laboratory Technology & Management	J8	1	1	0	0	1	100
Dietetic Technician	K2	3	3	0	0	3	100
Early Childhood Teacher Education (Child Development & Education)	94	41	24	16	1	40	98
Electrical Distribution (Power Generation & Distribution Technology)	70	1	1	0	0	1	100
Electroencephalographic Technology	P2	3	3	0	0	3	100
Electromechanical (Computer Integrated Manufac)	R4	2	1	1	0	2	100
Electronics Engineering Technology	56	53	32	20	1	52	98
Engineering Drawing & Design (Drafting & Design Technology)	65	0	0	0	0	0	0
Fashion Studies (Fashion Marketing Management)	S8	8	5	2	1	7	88
Fire Science Technology (Fire Fighting)	T1	23	21	2	0	23	100
Funeral Service Education	62	24	24	0	0	24	100
Graphic Arts Technology	57	5	2	3	0	5	100
Health Ed. Enhancement (Allied Health Tech. Enhancement)	L4	0	0	0	0	0	0
Hospitality Management	S7	7	5	2	0	7	100
Industrial Management Technology	L6	0	0	0	0	0	0
Interior Design Technology	87	8	3	5	0	8	100

Table 1
(continued)

Summary: Follow-up of 1988-89
Associate in Science* Graduates
Miami-Dade Community College

Program Title	Miami-Dade		Placement Status				
	Program Code	Completion Pool**	Related Employment	Continuing Education	Unrelated Employment	Number Placed	Percent Placed
Land Surveying	J1	0	0	0	0	0	0
Landscape Development (Landscape Technology)	73	4	3	1	0	4	100
Legal Assistant	T5	19	18	0	1	18	95
Medical Laboratory Technology	M9	20	16	4	0	20	100
Medical Record Technology	M3	14	12	2	0	14	100
Nursing - ADN	82	101	97	4	0	101	100
Nursing - ADN Accelerated Option	P4	24	22	2	0	24	100
Nursing - ADN Jackson	P3	11	10	1	0	11	100
Nursing - ADN Transition	P1	76	74	2	0	76	100
Nursing - ADN, Aggregate of 82, P1, P3, P4	82	211	203	9	0	211	100
Office Systems Technology	L2	65	55	9	1	64	98
Pharmacy Technology	PR	12	8	2	2	10	83
Physical Therapist Assisting	M7	24	22	2	0	24	100
Postal Service Management	J3	0	0	0	0	0	0
Radio & Television Broadcast Programming	68	12	4	6	2	10	83
Radiologic Technology	N3	26	23	3	0	26	100
Respiratory Therapy	N2	16	15	1	0	16	100
Sign Language (Interpreter Training for Hearing)	J7	2	0	2	0	2	100
Travel Agency Management***	K3	23	11	7	5	18	78
Vision Care/Opticianary	M6	27	23	3	1	26	96
Total		902	720	153	29	873	96.8
Percent of Pool			79.8	17.0	3.2	96.8	

*Planned Certificate (EI, PR)

**Non-Resident aliens and graduates who could not be located are deleted from the pool.

***Non-Resident Aliens included

Table 2

Programs Below the 70% Criterion*
 1988-89 Completers
 Miami-Dade Community College

Program Code	Program Title	Pool	Number Placed	Percent Placement
64	Building Construction Technology	0	0	0
65	Engineering Drawing and Design (Drafting and Design Technology)	0	0	0
L4	Health Education Enhancement	0	0	0
J1	Land Surveying	0	0	0
J3	Postal Services Management	0	0	0

*All programs not listed here met the 70% criterion.

Table 3

Campus Exclusive Programs
 (Excluding Medical Campus)
 Associate in Science Degree
 Miami-Dad Community College
 1988-89

Campus	Program Code	Program Title
South	73	Landscape Development (Landscape Technology)
Subtotal: 1		
Wolfson	R9	Banking & Financial Institutions (Financial Services)
	K2	Dietetic Technician
	S7	Hospitality Management
	T5	Legal Assistant
	J3	Postal Management (Postal Service Management)
Subtotal: 5		
North	52	Air Conditioning Technology
	53	Architectural Technology (Architectural Design & Construction)
	*BL	Basic Law Enforcement
	64	Building & Construction Technology
	R5	Commercial Art & Advertising Design (Graphic Design Technology)
	J5	Commercial & Industrial Photography (Photographic Technology)
	75	Court Reporting
	70	Electrical Distribution Technology (Power Generation & Distribution Technology)
	R4	Electromechanical Technology (Computer Integrated Manufacturing)
	65	Engineering Drawing & Design Technology (Drafting & Design Technology)
	T1	Fire Science Technology (Fire Fighting)
	62	Funeral Service Education
	57	Graphics Arts Technology
	J1	Land Surveying
	68	Radio-TV Broadcasting Technology
	J7	Sign Language Studies (Interpreter Training for Hearing)
	K3	Travel & Tourism Management (Travel Agency Management)
Subtotal: 17		
Total Programs: 23		

*Planned Certificate (exception)

Table 4

Multi-Campus Programs
 Associate in Science Degree
 Miami-Dade Community College
 1988-89

Campus	Program Code	Program Title
North & South	K1	Aircraft Piloting and Navigation
	51	Aviation Maintenance and Management
	94	Child Development and Education
	54	Civil Engineering Technology
	84	Criminal Justice Technology
	56	Electronics Engineering Technology
	S8	Fashion Marketing Management
Total: 7		
North, South, & Wolfson	77	Business Administration and Management
	55	Computer Information Systems Analysis
	L6	Industrial Management Technology
	87	Interior Design Technology
	L2	Office Systems Technology
Total: 5		

Table 5

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Air Conditioning, Refrigeration & Heating Systems Technology

Program Code: 52

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A.
College-Wide Summary (North Campus Program)											
1984-85	56	11	6	0	0	5	11	6	55	93	
1985-86	62	7	5	0	0	2	7	5	71	72	
1986-87	50	7	5	0	1	1	7	5	71	61	
1987-88	45	8	4	1	2	1	8	5	63	58	
1988-89	32	6	3	1	0	0	4	4	100	43	

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: None.

Table 6

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Allied Health Technology Enhancement Studies
 (Health Care Management)

Program Code: L4

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1R)	A.A. (16)
College-Wide Summary (Medical Center Campus Program)											
1984-85	-	-	-	-	-	-	-	-	-	-	-
1985-86	-	-	-	-	-	-	-	-	-	-	-
1986-87	-	-	-	-	-	-	-	-	-	-	-
1987-88	832	0	0	0	0	0	0	0	0	-	574
1988-89	627	0	0	0	0	0	0	0	0	-	518

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Nursing.

Table 7

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Architectural Technology
 (Architectural Design & Construction Technology)

Program Code: 53

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (27,02)
College-Wide Summary (North Campus Program)											
1984-85	49	0	0	0	0	0	0	0	0	58	70
1985-86	33	1	0	0	0	0	1	0	0	46	71
1986-87	38	1	1	0	0	0	1	1	100	42	73
1987-88	40	3	1	1	1	0	3	2	67	48	71
1988-89	38	3	2		0	0	3	3	100	43	87

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Architectural Engineering, Architecture

Table 8

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Aviation and Allied Studies
 (Aircraft Piloting & Navigation)

Program Code: K1

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (44)
College-Wide Summary											
1984-85	94	10	6	1	0	3	7	7	70	120	176
1985-86	132	12	6	5	1	0	12	11	92	131	169
1986-87	169	18	9	1	3	5	18	10	56	154	186
1987-88	211	29	9	10	3	4	26	19	73	252	207
1988-89	225	29	14	6	0	8	20	20	100	245	199
North Campus Summary											
1984-85	-	-	-	-	-	-	-	-	-	-	-
1985-86	-	-	-	-	-	-	-	-	-	-	-
1986-87	0	0	0	0	0	0	0	0	0	5	12
1987-88	54	4	0	2	0	2	3	2	67	82	33
1988-89	53	8	5	1	0	2	6	6	100	60	39
South Campus Summary											
1984-85	94	10	6	1	0	3	7	7	70	120	176
1985-86	132	12	6	5	1	0	12	11	92	131	169
1986-87	169	18	9	1	3	5	18	10	56	149	174
1987-88	150	25	9	8	3	3	23	17	74	163	163
1988-89	166	21	9	5	0	6	14	14	100	170	152

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Aviation & Allied Studies.

Table 9

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Aviation Maintenance Technology
 (Aviation Maintenance Management)

Program Code: 51

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (37)
College-Wide Summary											
1984-85	30	5	3	0	2	0	5	3	60	32	66
1985-86	37	6	3	0	1	0	4	3	75	47	60
1986-87	31	8	6	0	1	0	8	6	75	35	63
1987-88	44	6	2	2	0	1	5	4	80	52	46
1988-89	52	9	6	1	0	1	7	7	100	54	21
North Campus Summary											
1984-85	26	5	3	0	2	0	5	3	60	25	39
1985-86	30	6	3	0	1	0	4	3	75	35	39
1986-87	28	8	6	0	0	0	8	6	75	22	33
1987-88	29	6	2	2	0	1	5	4	80	29	23
1988-89	33	8	6	1	0	0	7	7	100	27	6
South Campus Summary											
1984-85	4	-	-	-	-	-	-	-	-	4	21
1985-86	7	0	-	-	-	-	-	-	-	6	18
1986-87	3	0	-	-	-	-	-	-	-	5	23
1987-88	15	0	0	0	0	0	0	0	0	14	12
1988-89	16	1	0	0	0	1	0	0	0	19	11

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Aviation Administration.

Table 10

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Banking & Financial Institutions
 (Financial Services)

Program Code: R9

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (04)
College-Wide Summary (Wolfson Campus Program)											
1984-85	139	5	4	0	0	1	5	4	80	156	5,106
1985-86	136	4	2	0	0	2	4	2	50	176	5,587
1986-87	155	10	7	0	1	2	10	7	70	187	5,952
1987-88	156	10	5	5	0	0	10	10	100	152	6,227
1988-89	121	12	3	2	0	0	5	5	100	128	6,162

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Business Administration.

Table 11

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Basic Law Enforcement****
 (Law Enforcement)

Program Code: BL (Planned Certificate)

Graduation Year	Program* Enrollees	Number Graduates	Emp.oyed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (33)
College-Wide Summary (North Campus Program)											
1984-85	40	-	-	-	-		0	0	0	-	524
1985-86	157	157	157	0	0	0	157	157	100	108	503
1986-87	184	163	150	1	7	5	163	151	93	57	487
1987-88	131	95	94	0	0	1	95	94	99	31	557
1988-89	162	53	53	0	0	0	53	53	100	28	569

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Criminal Justice Administration.

****Planned Certificate (exception)

Table 12

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Building & Construction Technology

Program Code: 64

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (24)
College-Wide Summary (North Campus Program)											
1984-85	41	4	2	2	0	0	4	4	100	52	79
1985-86	45	4	1	0	0	3	4	1	25	48	65
1986-87	41	5	2	1	0	2	5	3	60	42	70
1987-88	50	5	1	1	1	1	4	2	50	62	59
1988-89	48	0	0	0	0	0	0	0	0	49	61

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Building Construction.

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Table 13

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Business Administration/Management

Program Code: 77

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (04)
College-Wide Summary											
1984-85	279	29	12	0	0	9	21	12	57	486	5,106
1985-86	410	31	18	0	0	3	21	18	86	505	5,587
1986-87	444	28	19	0	0	3	22	19	86	562	5,952
1987-88	710	42	15	6	3	5	29	21	72	718	6,227
1988-89	877	50	20	11	5	5	36	31	86	1,271	6,162
North Campus Summary											
1984-85	172	14	8	0	0	3	11	8	73	205	1,474
1985-86	174	15	13	0	0	1	14	13	93	187	1,586
1986-87	167	13	10	0	0	1	11	10	91	209	1,709
1987-88	285	18	10	0	0	2	12	10	83	286	1,821
1988-89	357	21	6	4	2	4	12	10	83	455	1,935
South Campus Summary											
1984-85	190	11	2	0	0	5	7	2	29	212	2,874
1985-86	181	12	4	0	0	2	6	4	67	208	3,237
1986-87	207	12	7	0	0	1	8	7	88	243	3,380
1987-88	306	16	4	2	1	2	9	6	67	289	3,442
1988-89	321	19	8	3	2	1	13	11	85	384	3,168
Wolfson Campus Summary											
1984-85	46	4	2	0	0	1	3	2	67	69	755
1985-86	55	4	1	0	0	0	1	1	100	110	750
1986-87	70	3	2	0	0	1	3	2	67	109	854
1987-88	119	8	1	4	2	1	8	5	63	141	951
1988-89	196	11	6	4	1	0	11	10	91	431	1,043

*College-wide totals reflect home campus rather than course campus registrations.
 **For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Business Administration.
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Table 14

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Business Data Processing
 (Computer Information Systems Analysis)

Program Code: 55

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (A4,35)
College-wide Summary											
1984-85	697	55	19	9	11	6	45	28	62	955	2,659
1985-86	673	66	35	11	7	0	53	46	87	952	2,283
1986-87	698	41	26	3	1	11	41	29	71	879	2,162
1987-88	626	65	26	17	5	9	57	43	75	880	2,012
1988-89	593	54	22	13	7	3	42	35	83	891	1,736
North Campus Summary											
1984-85	386	27	9	5	7	3	24	14	58	437	833
1985-86	339	36	22	10	4	0	36	32	89	442	694
1986-87	330	21	12	1	1	7	21	13	62	404	537
1987-88	290	25	10	11	1	3	25	21	84	405	538
1988-89	252	24	6	6	4	1	16	12	75	322	512
South Campus Summary											
1984-85	210	18	7	4	2	3	16	11	69	280	1,174
1985-86	231	23	10	1	2	0	13	11	85	277	1,081
1986-87	244	15	9	2	0	4	15	11	73	269	898
1987-88	197	19	11	4	1	3	19	15	83	222	787
1988-89	181	15	8	2	2	2	12	10	83	189	635
Wolfson Campus Summary											
1984-85	101	10	3	0	2	0	5	3	60	237	649
1985-86	103	7	3	0	1	0	4	3	75	230	568
1986-87	124	5	5	0	0	0	5	5	100	204	645
1987-88	139	13	5	2	3	3	13	7	54	252	686
1988-89	158	15	8	5	1	0	14	13	93	377	588

*College-wide totals reflect home campus rather than off-campus registrations. ***AA declaration includes: Computer Science and Business Data Processing
 **For 1988-89, the pool excludes "status unknown" graduates.

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Table 15

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Chiropractic Technician 2

Program Code: L3

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (23)
College-Wide Summary (Medical Center Campus Program)											
1984-85	-	-	-	-	-	-	-	-	-	-	-
1985-86	-	-	-	-	-	-	-	-	-	-	-
1986-87	-	-	-	-	-	-	-	-	-	-	-
1987-88	5	0	0	0	0	0	0	0	0	-	288
1988-89	3	1	1	0	0	0	1	1	100	4	292

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declarations include: Physical Therapy.

Table 16

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Civil Engineering Technology

Program Code: 54

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (B7)
College-Wide Summary											
1984-85	23	1	1	0	0	0	1	1	100	27	285
1985-86	12	0	0	0	0	0	0	0	0	17	306
1986-87	27	0	0	0	0	0	0	0	0	25	279
1987-88	33	0	0	0	0	0	0	0	0	22	292
1988-89	30	1	0	1	0	0	1	1	100	34	286
North Campus Summary											
1984-85	13	1	1	0	0	0	1	1	100	10	91
1985-86	7	0	0	0	0	0	0	0	0	10	96
1986-87	13	0	0	0	0	0	0	0	0	13	90
1987-88	18	0	0	0	0	0	0	0	0	8	92
1988-89	16	1	0	1	0	0	1	1	100	17	97
South Campus Summary											
1984-85	6	0	0	0	0	0	0	0	0	11	145
1985-86	3	0	0	0	0	0	0	0	0	1	155
1986-87	10	0	0	0	0	0	0	0	0	10	138
1987-88	10	0	0	0	0	0	0	0	0	4	162
1988-89	12	0	0	0	0	0	0	0	0	12	130

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Engineering - Civil

Table 17

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Commercial and Industrial Photography
 (Photographic Technology)

Program Code: J5

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continued Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (E6)
College-Wide Summary (North Campus Program)											
1984-85	34	0	0	0	0	0	0	0	0	26	124
1985-86	50	0	0	0	0	0	0	0	0	59	149
1986-87	62	2	1	0	0	0	2	1	50	64	137
1987-88	55	2	2	0	0	1	2	2	100	47	150
1988-89	70	4	3	0	0	0	0	3	75	56	146

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Graphic or Commercial Arts

Table 18

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Commercial Art and Advertising Design
 (Graphic Design Technology)

Program Code: R5

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (03)
College-Wide Summary (North Campus Program)											
1984-85	89	1	1	-	-	-	1	1	100	108	294
1985-86	83	12	6	0	0	6	12	6	50	101	268
1986-87	87	4	3	0	1	0	4	3	75	104	284
1987-88	94	11	6	2	1	2	11	8	73	98	317
1988-89	96	10	4	2	1	1	7	6	86	113	274

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Art or Art Education

Table 19

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Court Reporting Technology

Program Code: 75

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (04)
College-Wide Summary (North Campus Program)											
1984-85	65	3	3	0	0	0	3	3	100	83	5,106
1985-86	73	4	4	0	0	0	4	4	100	73	5,587
1986-87	102	3	3	0	0	0	3	3	100	110	5,952
1987-88	132	2	0	0	1	1	2	0	0	159	6,227
1988-89	141	3	2	0	0	1	2	2	100	149	6,162

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Business Administration.

Table 20

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Criminal Justice Technology

Program Code: 84

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (33)
College-Wide Summary											
1984-85	164	14	7	2	3	2	14	9	64	177	524
1985-86	142	7	5	1	1	0	7	6	86	163	503
1986-87	182	20	11	2	3	4	20	13	65	169	487
1987-88	156	14	5	6	2	1	14	11	79	207	557
1988-89	151	12	9	1	1	1	11	10	91	146	569
North Campus Summary											
1984-85	103	9	4	1	2	2	9	5	56	115	195
1985-86	83	1	0	0	1	0	1	0	0	94	171
1986-87	98	11	5	2	1	3	11	7	64	93	177
1987-88	108	6	3	2	0	1	6	5	83	140	209
1988-89	106	4	3	1	0	0	4	4	100	91	233
South Campus Summary											
1984-85	48	5	3	1	1	0	5	4	80	49	281
1985-86	50	6	5	1	0	0	6	6	100	59	291
1986-87	48	9	6	0	2	1	9	6	67	62	264
1987-88	42	8	2	4	2	0	8	6	75	53	285
1988-89	41	8	6	0	1	1	7	6	86	41	259

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Criminal Justice Administration.

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Table 21

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Dental Hygiene

Program Code: N4

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1C)	A.A. (13)
College-Wide Summary (Medical Center Campus Program)											
1984-85	130	81	72	0	0	9	81	72	89	157	724
1985-86	120	38	37	0	0	1	38	37	97	192	674
1986-87	117	47	36	0	3	8	47	36	77	155	636
1987-88	108	41	35	5	0	0	40	40	100	155	614
1988-89	123	47	35	10	0	1	45	45	100	158	614

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Medical Science/Dentistry.

Table 22

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Dental Laboratory Technology and Management										Program Code: J8	
Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1N)	A.A. (13)
College-Wide Summary (Medical Center Campus Program)											
1984-85	-	-	-	-	-	-	-	-	-	-	-
1985-86	0	0	0	0	0	0	0	0	0	-	-
1986-87	1	0	0	0	0	0	0	0	0	-	636
1987-88	0	0	0	0	0	0	0	0	0	-	614
1988-89	1	1	1	0	0	0	1	1	100	-	614

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Medical Science/Dentistry.

Table 23

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Dietetic Technician

Program Code: K2

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (EI)
College-Wide Summary (Wolfson Campus Program)											
1984-85	28	5	4	0	0	1	5	4	80	37	53
1985-86	37	2	1	0	0	1	2	1	50	43	58
1986-87	40	9	8	0	1	0	9	8	89	42	51
1987-88	33	8	4	3	0	7	8	7	88	35	51
1988-89	40	3	3	0	0	0	3	3	100	57	56

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***/ declaration includes: Dietetics.

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Table 24

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Early Childhood Teacher Education
 (Child Development and Education)

Program Code: 94

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (21)
College-Wide Summary											
1984-85	143	25	16	7	0	0	23	23	100	224	819
1985-86	144	15	5	5	1	1	12	10	83	180	779
1986-87	160	25	6	6	3	8	23	12	52	195	948
1987-88	194	38	11	22	2	2	37	33	89	191	1,206
1988-89	223	45	24	16	1	1	41	40	98	268	1,530
North Campus Summary											
1984-85	90	6	5	1	0	0	6	6	100	112	304
1985-86	89	7	3	0	1	1	5	3	67	86	221
1986-87	89	6	2	0	0	3	5	2	40	109	280
1987-88	114	7	2	4	1	1	7	5	71	100	338
1988-89	107	14	7	4	0	0	11	11	100	123	434
South Campus Summary											
1984-85	53	19	11	6	0	0	17	17	100	73	419
1985-86	55	8	2	5	0	0	7	7	100	77	465
1986-87	71	19	4	6	3	5	18	10	56	71	552
1987-88	65	31	10	18	1	1	30	28	93	69	692
1988-89	88	31	17	12	1	1	30	29	97	95	826

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Teaching (Elementary).

Table 25

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Electrical Distribution Technology
 (Power Generation and Distribution Technology)

Program Code: 70

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (B9)
College-Wide Summary (North Campus Program)											
1984-85	10	2	1	0	0	1	2	1	50	16	1,062
1985-86	10	0	0	0	0	0	0	0	0	14	1,077
1986-87	11	0	0	0	0	0	0	0	0	15	1,114
1987-88	17	1	0	1	0	0	1	1	100	16	1,081
1988-89	13	2	1	0	0	0	1	1	100	21	901

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Engineering - Electrical

Table 26

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Electroencephalographic Technology

Program Code: P2

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (10)	A.A. (14)
College-Wide Summary (Medical Center Campus Program)											
1984-85	11	3	2	0	0	1	3	2	67	19	173
1985-86	7	5	5	0	0	0	5	5	100	13	177
1986-87	7	0	0	0	0	0	0	0	0	17	182
1987-88	12	3	3	0	0	0	3	3	100	16	136
1988-89	13	3	3	0	0	0	0	3	100	12	132

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Medical Technology.

Table 27

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Electromechanical Technology
 (Computer Integrated Manufacturing)

Program Code: R4

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (B8)
College-Wide Summary											
1984-85	25	1	1	0	0	0	1	1	100	28	349
1985-86	21	1	1	0	0	0	1	1	100	29	305
1986-87	19	1	1	0	0	0	1	1	100	28	301
1987-88	20	0	0	0	0	0	0	0	0	33	310
1988-89	16	3	1	1	0	0	2	2	100	25	316
North Campus Summary											
1984-85	25	1	1	0	0	0	1	1	100	28	349
1985-86	21	0	0	0	0	0	0	0	0	29	305
1986-87	17	0	0	0	0	0	0	0	0	15	103
1987-88	16	0	0	0	0	0	0	0	0	21	97
1988-89	14	3	1	1	0	0	2	2	100	19	103
South Campus Summary											
1984-85	-	-	-	-	-	-	-	-	-	-	-
1985-86	-	-	-	-	-	-	-	-	-	-	-
1986-87	2	0	0	0	0	0	0	0	0	3	161
1987-88	4	0	0	0	0	0	0	0	0	3	162
1988-89	0	0	0	0	0	0	0	0	0	2	153

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Engineering - Mechanical.

Table 28

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Electronics Engineering Technology

Program Code: 56

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (B9)
College-Wide Summary											
1984-85	566	51	28	3	12	3	46	31	67	617	1,061
1985-86	523	58	39	2	0	11	52	41	79	586	1,077
1986-87	484	68	39	3	6	15	63	42	67	502	1,114
1987-88	460	38	20	10	2	1	33	30	91	483	1,018
1988-89	487	62	32	20	1	4	53	52	98	493	901
North Campus Summary											
1984-85	329	34	13	3	10	3	29	16	55	331	354
1985-86	295	37	22	0	0	11	33	22	67	324	361
1986-87	282	51	28	3	4	13	48	31	65	278	397
1987-88	268	24	12	7	2	1	22	19	86	263	363
1988-89	307	42	26	12	1	2	39	38	97	279	333
South Campus Summary											
1984-85	220	17	15	0	2	0	17	15	88	232	585
1985-86	212	21	17	2	0	0	19	19	100	227	581
1986-87	183	17	11	0	2	2	15	11	73	201	575
1987-88	171	14	8	3	0	0	11	11	100	182	715
1988-89	160	20	6	8	0	2	14	14	100	174	424

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Engineering - Electrical.

Table 29

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Engineering Drawing and Design Technology
 (Drafting and Design Technology)

Program Code: 65

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (B7)
College-Wide Summary (North Campus Program)											
1984-85	31	1	0	0	1	0	1	0	0	28	285
1985-86	32	2	1	0	0	1	2	1	50	42	306
1986-87	30	5	2	2	1	0	5	4	80	37	301
1987-88	22	0	0	0	0	0	0	0	0	35	292
1988-89	22	0	0	0	0	0	0	0	0	32	286

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Engineering - Civil.

Table 30

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Fashion Studies

Program Code: S8

(Fashion Marketing Management)

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (45)
College-Wide Summary											
1984-85	43	6	2	0	1	2	5	2	40	38	94
1985-86	36	3	1	1	1	0	3	2	67	40	112
1986-87	44	7	5	0	2	0	7	5	71	55	134
1987-88	71	8	2	3	1	0	6	5	83	52	153
1988-89	73	8	5	2	1	0	8	7	88	98	137
North Campus Summary											
1984-85	24	5	1	0	1	2	4	1	25	18	22
1985-86	19	2	1	0	1	0	2	1	50	18	25
1986-87	23	4	3	0	1	0	4	3	75	23	22
1987-88	26	4	2	1	0	0	3	3	100	24	28
1988-89	25	5	1	2	1	0	4	3	75	31	35
South Campus Summary											
1984-85	18	1	1	0	0	0	1	1	100	17	63
1985-86	17	1	0	1	0	0	1	1	100	17	79
1986-87	19	3	2	0	1	0	3	2	67	27	103
1987-88	42	4	0	2	1	0	3	2	67	24	104
1988-89	47	4	4	0	0	0	4	4	100	59	82

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Fashion Merchandising.

Table 31

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Fire Science Technology (Fire Fighting)										Program Code: T1	
Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placemert Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A.
College-Wide Summary (North Campus Program)											
1984-85	223	20	20	0	0	0	20	20	100	201	
1985-86	169	26	25	0	0	0	26	25	96	131	
1986-87	183	10	7	0	3	0	10	7	70	135	
1987-88	196	29	29	0	0	0	29	29	100	132	
1988-89	214	23	21	2	0	0	23	23	100	157	

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: None.

Table 32

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Funeral Service Education

Program Code: 62

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A.
College-Wide Summary (North Campus Program)											
1984-85	124	31	25	1	4	1	31	26	84	109	
1985-86	99	22	22	0	0	0	0	22	100	109	
1986-87	111	30	23	0	3	4	30	23	77	121	
1987-88	92	18	16	0	0	0	16	16	100	101	
1988-89	97	25	24	0	0	0	24	24	100	107	

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: None.

Table 33

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Graphic Arts Science Technology

Program Code: 57

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (E6)
College-Wide Summary (North Campus Program)											
1984-85	37	3	2	0	0	1	3	2	67	45	124
1985-86	34	6	3	0	0	3	6	3	50	42	149
1986-87	28	3	3	0	0	0	3	3	100	24	137
1987-88	42	4	3	1	0	0	4	4	100	67	150
1988-89	36	7	2	3	0	1	5	5	100	50	146

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Graphic or Commercial Arts.

Table 34

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Hospitality Management

Program Code: S7

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (E4)
College-Wide Summary (Wolfson Campus Program)											
1984-85	74	7	3	2	0	2	7	5	71	78	140
1985-86	75	5	4	0	0	1	5	4	80	77	151
1986-87	57	5	3	1	0	1	5	4	80	66	157
1987-88	41	8	3	0	1	0	4	3	75	53	199
1988-89	24	7	5	2	0	0	7	7	100	47	222

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Hotel/Motel Management.

Table 35

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Interior Design Technology

Program Code: 87

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (30)
College-Wide Summary											
1984-85	139	24	10	1	6	6	23	11	48	125	138
1985-86	115	7	11	1	3	2	17	12	71	116	142
1986-87	105	11	10	0	1	0	11	10	91	108	154
1987-88	90	8	2	0	1	3	6	2	33	86	165
1988-89	106	10	3	5	0	1	8	8	100	101	148
North Campus Summary											
1984-85	24	3	3	0	0	0	3	3	100	29	20
1985-86	21	3	2	0	0	1	3	2	67	21	17
1986-87	20	3	2	0	1	0	3	2	67	20	27
1987-88	17	1	0	0	0	0	0	0	0	19	31
1988-89	17	2	1	1	0	0	2	2	100	21	28
South Campus Summary											
1984-85	87	10	5	0	2	2	9	5	56	72	87
1985-86	69	12	8	1	1	0	10	9	90	68	102
1986-87	67	7	7	0	0	0	7	7	100	61	95
1987-88	56	4	2	0	0	2	4	2	50	49	92
1988-89	73	7	2	4	0	1	6	6	100	60	76
Wolfson Campus Summary											
1984-85	28	11	2	1	4	4	11	3	27	24	31
1985-86	25	5	1	0	2	1	4	1	25	27	23
1986-87	18	1	1	0	0	0	1	1	100	27	32
1987-88	17	3	0	0	1	1	2	0	0	18	42
1988-89	16	1	0	0	0	0	0	0	0	20	44

College-wide totals reflect home campus rather than course campus registrations.
 For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Interior Design.
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Table 36

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Land Surveying

Program Code: J1

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (-)
College-wide Summary (North Campus Program)											
1984-85	14	3	1	0	2	0	3	1	33	16	
1985-86	11	0	0	0	0	0	0	0	0	11	
1986-87	16	0	0	0	0	0	0	0	0	16	
1987-88	18	0	0	0	0	0	0	0	0	28	
1988-89	33	0	0	0	0	0	0	0	0	31	

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*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: None.

Table 37

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Landscape Development
 (Landscape Technology)

Program Code: 73

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (29)
College-Wide Summary (South Campus Program)											
1984-85	4	0	0	0	0	0	0	0	0	7	16
1985-86	16	2	1	0	0	1	2	1	50	17	24
1986-87	17	0	0	0	0	0	0	0	0	18	23
1987-88	22	1	0	1	0	0	1	1	100	24	28
1988-89	22	4	3	1	0	0	4	4	100	27	24

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Landscape Architecture.

Table 38

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Legal Assistant

Program Code: T5

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (04)
College-Wide Summary (Wolfson Campus Program)											
1984-85	138	10	9	0	1	0	10	9	90	151	5,106
1985-86	171	14	10	2	0	2	14	12	86	160	5,587
1986-87	198	16	12	0	2	2	16	12	75	208	5,952
1987-88	229	24	17	4	0	3	24	21	88	238	6,227
1988-89	282	20	18	0	1	1	19	18	95	307	6,162

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Business Administration.

Table 39

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Medical Laboratory Technology

Program Code: M9

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1E)	A.A. (14)
College-Wide Summary (Medical Center Campus Program)											
1984-85	84	9	7	1	1	0	9	8	89	94	173
1985-86	77	17	17	0	0	0	17	17	100	102	177
1986-87	89	23	17	0	2	4	23	17	74	104	182
1987-88	82	17	10	4	0	0	14	14	100	91	136
1988-89	84	27	16	4	0	2	20	20	100	97	132

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Medical Technology.

Table 40

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Medical Record Technology

Program Code: M3

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1F)	A.A. (14)
College-Wide Summary (Medical Center Campus Program)											
1984-85	78	11	8	1	1	1	11	9	82	48	173
1985-86	88	15	12	0	0	0	15	12	80	72	177
1986-87	97	6	1	1	0	4	6	2	33	70	182
1987-88	98	21	18	1	0	0	20	19	95	42	136
1988-89	74	14	12	2	0	0	14	14	100	63	132

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Medical Technology.

Table 41

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Nursing - ADN

Program Code: 82

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1A)	A.A. (16)
College-Wide Summary (Medical Center Campus Program)											
1984-85	472	99	74	0	10	13	97	74	76	944	841
1985-86	493	108	90	0	5	9	104	90	87	786	726
1986-87	464	81	69	0	5	4	78	69	88	723	617
1987-88	487	94	79	6	0	4	89	85	96	651	574
1988-89	475	107	97	4	0	2	101	101	100	736	518

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Nursing.

Table 42

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Nursing - ADN - Accelerated Option

Program Code: P4

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1M)	A.A. (16)
College-Wide Summary (Medical Center Campus Program)											
1984-85	61	21	17	0	4	0	21	17	81	30	779
1985-86	47	24	20	0	0	3	23	20	87	43	726
1986-87	52	16	12	0	0	4	16	12	75	49	617
1987-88	63	23	17	1	2	1	21	18	86	38	574
1988-89	76	25	22	2	0	0	24	24	100	61	518

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Nursing.

Table 43

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Nursing - ADN Jackson

Program Code: P3

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (P3)	A.A. (16)
College-Wide Summary (Medical Center Campus Program)											
1984-85	71	40	31	0	5	4	40	31	78	11	841
1985-86	76	39	32	0	4	3	39	32	82	14	726
1986-87	17	30	30	0	0	0	30	30	100	6	617
1987-88	21	13	12	1	0	0	13	13	100	6	574
1988-89	12	11	10	1	0	0	11	11	100	4	518

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Nursing.

Table 44

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Nursing - ADN -Transition

Program Code: P1

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1B)	A.A. (16)
College-Wide Summary (Medical Center Campus Program)											
1984-85	252	131	109	0		11	128	109	85	325	799
1985-86	252	87	85	0	1	1	57	85	98	277	726
1986-87	250	96	83	0	6	7	96	83	86	251	617
1987-88	241	84	78	2	0	4	84	80	95	234	574
1988-89	231	85	74	2	0	7	76	76	100	242	518

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Nursing.

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Table 45

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Nursing Education Enhancement Studies
 (Health Care Management)

Program Code: L5

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1R)	A.A. (16)
College-Wide Summary (Medical Center Campus Program)											
1984-85	-	-	-	-	-	-	-	-	-	-	841
1985-86	-	-	-	-	-	-	-	-	-	-	726
1986-87	3	0	0	0	0	0	0	0	0	-	617
1987-88	234	0	0	0	0	0	0	0	0	321	574
1988-89	215	0	0	0	0	0	0	0	0	239	518

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Nursing.

Table 46

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Office Technology
 (Office Systems Technology)

Program Code: L2

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (04)
College-Wide Summary											
1984-85	734***	89	76	0	6	3	85	76	89	930	5,103
1985-86	103	3	3	0	0	0	3	3	100	932	5,587
1986-87	509	15	12	0	2	0	14	12	86	679	5,952
1987-88	560	50	31	8	4	3	46	39	85	713	6,227
1988-89	585	70	55	9	1	3	65	64	98	665	6,162
North Campus Summary											
1984-85	-	-	-	-	-	-	-	-	-	-	1,474
1985-86	47	3	3	0	0	0	3	3	100	-	1,586
1986-87	201	12	10	0	2	0	12	10	83	236	1,709
1987-88	207	28	14	8	3	1	26	22	85	214	1,821
1988-89	188	23	20	3	0	0	23	23	100	183	1,925
South Campus Summary											
1984-85	-	-	-	-	-	-	-	-	-	-	2,874
1985-86	32	0	0	0	0	0	0	0	0	-	3,237
1986-87	202	0	0	0	0	0	0	0	0	252	3,380
1987-88	209	6	4	0	0	0	4	4	100	276	3,442
1988-89	235	22	17	2	0	3	19	19	100	245	3,168
Wolfson Campus Summary											
1984-85	-	-	-	-	-	-	-	-	-	-	755
1985-86	23	0	0	0	0	0	0	0	0	-	750
1986-87	106	3	2	0	0	0	2	2	100	191	854
1987-88	141	16	13	0	1	2	16	13	81	222	951
1988-89	161	26	18	4	1	0	23	22	96	234	1,043

*College-wide totals reflect home campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

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***AA declaration includes: Business Administration.

****Consolidation of individual secretarial science programs.

Table 47

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Pharmacy Technician****
 (Pharmacy Technology)

Program Code: PR (Planned Certificate)

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (18)
College-Wide Summary (Medical Center Campus Program)											
1984-85	3	-	-	-	-	-	-	-	-	-	137
1985-86	9	7	6	0	0	0	7	6	86	-	139
1986-87	9	5	2	0	0	3	5	2	40	-	166
1987-88	20	7	6	1	0	0	7	7	100	-	215
1988-89	34	12	8	2	2	0	12	10	83	-	228

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Pharmacy

****Planned Certificate (exception)

Table 48

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Physical Therapist Assistant Technology

Program Code: M7

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (11)	A.A. (23)
College-Wide Summary (Medical Center Campus Program)											
1984-85	83	26	20	0	4	2	26	20	77	59	285
1985-86	98	29	24	2	0	3	29	26	90	62	289
1986-87	103	29	21	0	2	6	29	21	72	69	297
1987-88	107	38	29	4	2	1	36	33	92	67	288
1988-89	96	27	22	2	0	0	24	24	100	73	292

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Physical Therapy.

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Table 49

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Postal Management
 (Postal Service Management)

Program Code: J3

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (04)
College-Wide Summary (Wolfson Campus Program)											
1984-85	23	2	0	0	0	0	0	0	0	21	5,106
1985-86	17	2	1	1	0	0	2	2	100	16	5,587
1986-87	16	1	1	0	0	0	1	1	100	15	5,952
1987-88	25	0	0	0	0	0	0	0	0	19	6,227
1988-89	27	0	0	0	0	0	0	0	0	19	6,162

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Business Administration.

Table 50

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Radio and TV Broadcasting Technology

Program Code: 68

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (42)
College-Wide Summary (North Campus Program)											
1984-85	128	20	7	5	8	0	20	12	60	99	157
1985-86	118	13	11	1	0	0	13	12	72	115	164
1986-87	111	23	9	3	1	2	15	12	80	106	226
1987-88	145	12	4	4	2	1	11	8	73	110	246
1988-89	105	16	4	6	2	2	12	10	83	104	252

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Broadcasting.

Table 51

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Radiologic Technology

Program Code: N3

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (11)	A.A. (14)
College-Wide Summary (Medical Center Campus Program)											
1984-85	54	25	22	2	1	0	25	24	96	126	173
1985-86	55	15	15	0	0	0	15	15	100	113	177
1986-87	84	19	17	0	0	2	19	17	89	131	182
1987-88	82	20	17	2	0	0	19	19	100	116	136
1988-89	86	30	23	3	0	2	26	26	100	139	132

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Medical Technology.

Table 52

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Respiratory Therapy Technology

Program Code: N2

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1K)	A.A. (14)
College-Wide Summary (Medical Center Campus Program)											
1984-85	76	21	19	0	1	1	21	19	90	91	173
1985-86	61	15	12	1	0	2	15	13	87	68	177
1986-87	48	14	12	0	2	0	14	12	86	72	182
1987-88	70	14	13	0	0	0	13	13	100	59	136
1988-89	78	16	15	1	0	0	16	16	100	65	132

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Medical Technology.

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Table 53

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Sign Language Studies
 (Interpreter Training for Hearing Impaired)

Program Code: J7

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (-)
College-Wide Summary (North Campus Program)											
1984-85	29	0	0	0	0	0	0	0	0	31	
1985-86	38	4	2	0	0	2	4	2	50	36	
1986-87	44	8	7	0	0	1	8	7	88	44	
1987-88	39	0	0	0	0	0	0	0	0	57	
1988-89	37	2	0	2	0	0	2	2	100	48	

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: None.

Table 54

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Travel and Tourism Management
 (Travel Agency Management)

Program Code: K3

Graduation Year	Program* Enrollees	Number Graduates	Employed Related	Continuing Education	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S.	A.A. (EU)
College-Wide Summary (North Campus Program)											
1984-85	203	26	15	0	6	5	26	16	62	207	131
1985-86	211	31	16	0	0	15	31	16	52	233	135
1986-87	200	44	31	7	4	2	44	38	86	209	130
1987-88	184	27	8	6	7	2	23	14	61	214	138
1988-89	177	25	11	7	5	2	23	18	78	217	134

*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Travel & Tourism Management.

Table 55

Program Review of Associate in Science Degree Programs
 Graduation Years: 1984-85 Through 1988-89
 Miami-Dade Community College

Program Title: Vision Care Technology/Opticianry

Program Code: M6

Graduation Year	Program Enrollees	Number Graduates	Employed Related	Continuing Education*	Unrelated Employment	Status Unknown	Placement Pool**	Number Placed***	Percent Placed	Fall Term Student*** Declaration of Major	
										A.S. (1H)	A.A. (17)
College-Wide Summary (Medical Center Campus Program)											
1984-85	86	29	27	0	0	2	29	27	93	21	29
1985-86	72	31	28	0	0	0	31	28	90	14	36
1986-87	75	24	18	0	4	2	24	18	75	18	41
1987-88	80	30	11	17	1	0	29	28	97	16	36
1988-89	76	30	23	3	1	2	27	26	96	20	34

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*College-wide totals reflect home campus rather than course campus registrations.

**For 1988-89, the pool excludes "status unknown" graduates.

***AA declaration includes: Cosmology.