

DOCUMENT RESUME

ED 161 495

JC 780 574

AUTHOR Breen, Edward; Chakupurakal, Thomas
 TITLE The Use of Space for Instruction, Fall 1977.
 INSTITUTION Macomb County Community Coll., Warren, Mich.
 PUB DATE 3 Mar 78
 NOTE 54P

EDRS PRICE MF-\$0.83 HC-\$3.50 Plus Postage.
 DESCRIPTORS Classrooms; College Buildings; Community Colleges;
 *Facility Utilization Research; Instruction; *Junior
 Colleges; Laboratories; Multicampus Colleges; School
 Space; *Space Classification; *Space Utilization;
 Tables (Data)

ABSTRACT

The use of space for formal instruction in fall 1977 at the Center and South campuses of Macomb County Community College was examined for five time spans: prime time day (weekdays, 8 a.m.-1 p.m.), prime time night (Monday-Thursday, 6 p.m.-10 p.m.), prime time week (prime time day and night), afternoon (Monday-Thursday, 1 p.m.-6 p.m.), and schedule week (Monday-Friday, 7 a.m.-11 p.m., Saturday, 8 a.m.-4 p.m.). The ratio of room utilization to room availability was calculated in half hour time periods. The total number of half hour periods of use was divided by the total number of half hour periods of availability during the time spans and calculated for each room, building, campus, and the college as a whole. To determine whether there was a difference in the use of rooms because of their function, each space was designated either a lecture room or a laboratory. Findings show that the college utilized 226 rooms for instruction; 146 were lecture rooms and 80 were laboratories. Except for during the afternoon, a lecture room was more likely to be in use than a laboratory. At both campuses, instructional space was more effectively used during evening prime time (75%) than during day prime time (62%). To identify space much or little used, a definition of "normal" was applied. A room in use 84% or more of the time was said to be used more than normally; one in use 16% or less of the time, less than normally. Tables outline data on room use by campus.
 (MB)

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

ED161495

MACOMB COUNTY COMMUNITY COLLEGE

The Use of Space for Instruction

Fall, 1977

PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

Edward Breen

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM.

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

Department of Research

780 574

MACOMB COUNTY COMMUNITY COLLEGE

DEPARTMENT OF RESEARCH

THE USE OF SPACE FOR INSTRUCTION,

FALL 1977

Edward Breen
Thomas Chakupurakal
Project No. 78033
March 3, 1978

JC 780 574

TABLE OF CONTENTS

	Page
INTRODUCTION	1
PROCEDURES	3
FINDINGS	4
CONCLUSIONS	5
FIGURE: COMPARISON OF ROOM UTILIZATION EFFECTIVENESS	6

LIST OF TABLES

Table	Page
1. Room Utilization Summary, Center Campus	7
2. Room Utilization Summary, South Campus	8
3. Room Utilization Summary, Total College	9
4. A Comparison of Room Utilization Effectiveness, Fall 1976, Spring 1977, and Fall 1977	10
5. Rooms with High Utilization, Center Campus	11
6. Rooms with High Utilization, South Campus	12
7. Rooms Used Less Than Normally, Center Campus	15
8. Rooms Used Less Than Normally, South Campus	16
9. Center Campus, A Building	18
10. Center Campus, B Building	20
11. Center Campus, F Building	21
12. Center Campus, G Building	22
13. Center Campus, H Building	23
14. Center Campus, K Building	25
15. Center Campus, R Building	26
16. Center Campus, Tennis Court	27
17. South Campus, A Building	28
18. South Campus, B Building	29
19. South Campus, C Building	30
20. South Campus, D Building	33
21. South Campus, E Building	34
22. South Campus, F Building	35
23. South Campus, G Building	36

Table	Page
24. South Campus, H Building	37
25. South Campus, J Building	38
26. South Campus, K Building	39
27. South Campus, P Building	40
28. South Campus, R Building	41
29. South Campus, T Building	43
30. South Campus, Tennis Court	45
31. South Campus, Z Building	46

INTRODUCTION

The purpose of this study is to examine and report the use of space for formal instruction in the Fall 1977 term. Space used at Center and South Campus is reported, including that used by Applied Technology, Continuing Education, and the Criminal Justice Training Center. Off campus instruction is not included.

To determine when the various locations were in use, certain instructional administrators were consulted. Each attested to the accuracy of the data for a particular unit as of a given date:

<u>Unit</u>	<u>Administrator</u>	<u>Dates</u>
Allied Health and Nursing	G. Weiss	10/03/77
Business and Public Service	M. Dixon	10/03/77
Continuing Education	L. Teal	9/30/77
General Education: Center Campus	J. Yizze	9/28/77
South Campus	R. Peters	9/29/77
Technical Education	E. Anzicek	9/16/77

These data were compared with class schedules and in some instances reviewed and revised. What appears in the study is valid as of October 14, 1977. Changes in the use of space after that date are not reported.

The use of instructional space for certain events is not reported, however. The physical education facility, for instance, is used for many activities other than instruction, sometimes as part of intramural or intercollegiate sports and sometimes for staff and community recreation.

Other space is used for singular programs of the Community Resource Center. Events like these are not included because they are not assigned section numbers or are not regular weekly activities throughout the term.

PROCEDURES

Instructional space was examined for five time spans: 1) prime time day, 2) prime time night, 3) prime time week, 4) afternoon, and 5) schedule week. Definitions of these time periods were agreed upon with the Office of the Vice President for Instruction.

The ratio of room utilization to room availability was calculated in half hour time periods. The total number of half hour periods of use was divided by the total number of half hour periods of availability during the time spans listed above and was calculated for each room, building, campus and the college as a whole. Half hour periods before 7:00 A.M. and after 11:00 P.M. were omitted.

To determine whether or not there were differences in the use of rooms because of their function, each space was designated either a lecture room or a laboratory. The latter term was employed in a broad sense to indicate any space suited for activities demanding more than ordinary equipment such as desks, chairs, and chalkboards. The designations assigned conform to those used in "South/Center Campus Room Allocations Fall/Spring 1977-78," circulated by the Vice President for Instruction.

FINDINGS

The College utilized 226 rooms for instruction during 1977 fall term. Of these, 143 (65 percent) were lecture rooms and 80 (35 percent) were laboratories.

Most of the time a lecture room was more likely to be in use than a laboratory. During the afternoon, however, the laboratories showed slightly higher utilization of available space (28% in comparison to 25% for lecture rooms).

At both campuses, instructional space is used more effectively during evening prime time (75%) than during day prime time (62%).

During the afternoons, Center Campus makes better use of its available space than does South Campus. At all other times, however, South Campus shows a higher utilization of space than Center.

To identify space much or little used, the statistician's definition of normal was applied. A room in use 84 percent or more of the time is said to be used more than normally; one in use 16 percent or less of the time, less than normally. Tables 5 through 8 identify the particular rooms in each category for each campus and for each time space.

No instructional space on either campus was used throughout the entire week.

5.

CONCLUSIONS

A comparison of the findings in this study with those in the studies made in Fall 1976 and Spring 1977 shows that Center Campus is improving its use of space, while South Campus and the College as a whole are not. Nonetheless, South Campus still makes better use of its space than Center, except for afternoons. (See Figure).

[The central portion of the page contains a vertical column of extremely faint and illegible text, likely representing the main body of a document that has been severely underexposed or is otherwise obscured.]

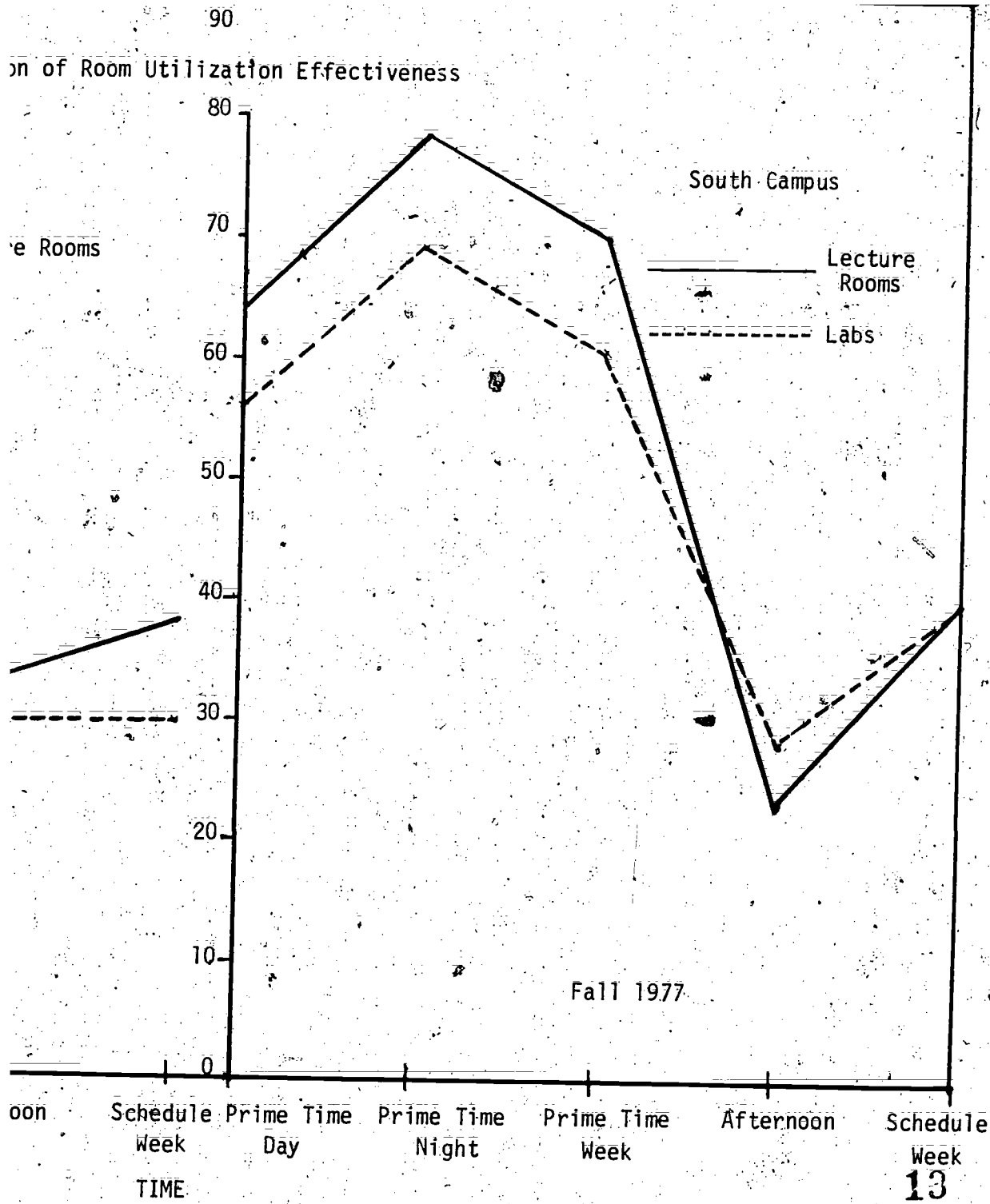


TABLE 1

ROOM UTILIZATION SUMMARY

CENTER CAMPUS

FALL 1977

Categories	Total 1/2 Hours	Percentage of Half Hours	
Lecture Room (Total of 42)	Prime Time Day	1,265 2	60%
	Prime Time Night	846	63%
	Prime Time Week	2,111	61%
	Afternoon	544	33%
	Schedule Week	2,817	38%
Labs (Total of 23)	Prime Time Day	522	46%
	Prime Time Night	344	47%
	Prime Time Week	866	46%
	Afternoon	265	30%
	Schedule Week	1,193	30%
Lecture Rooms and Labs (Total of 65)	Prime Time Day	1,787	54%
	Prime Time Night	1,190	56%
	Prime Time Week	2,977	56%
	Afternoon	809	30%
	Schedule Week	4,010	35%

ROOM UTILIZATION SUMMARY

SOUTH CAMPUS

FALL 1977

Categories	Time	Total ½ Hours	Percentage of Half Hours
Lecture Rooms (Total of 104)	Prime Time Day	3,321	64%
	Prime Time Night	2,651	78%
	Prime Time Week	5,972	70%
	Afternoon	904	23%
	Schedule Week	7,346	40%
Labs (Total of 57)	Prime Time Day	1,618	56%
	Prime Time Night	1,237	69%
	Prime Time Week	2,855	61%
	Afternoon	620	28%
	Schedule Week	3,962	40%
Lecture Rooms and Labs (Total of 161)	Prime Time Day	4,939	62%
	Prime Time Night	3,888	75%
	Prime Time Week	8,827	67%
	Afternoon	1,524	23%
	Schedule Week	11,308	40%

TABLE 3

9

ROOM UTILIZATION SUMMARY

TOTAL COLLEGE		FALL 1977	
Categories	Time	Total ½ Hours	Percentage of Half Hours
Lecture Rooms (Total of 146)	Prime Time Day	4,586	62%
	Prime Time Night	3,497	75%
	Prime Time Week	8,083	67%
	Afternoon	1,448	25%
	Schedule Week	10,163	40%
Labs (Total of 80)	Prime Time Day	2,140	54%
	Prime Time Night	1,581	63%
	Prime Time Week	3,721	57%
	Afternoon	885	28%
	Schedule Week	5,155	36%
Lecture Rooms and Labs (Total of 226)	Prime Time Day	6,726	60%
	Prime Time Night	5,078	69%
	Prime Time Week	11,804	63%
	Afternoon	2,333	25%
	Schedule Week	15,318	39%

TABLE 4

A COMPARISON OF ROOM UTILIZATION EFFECTIVENESS

FALL 1976, SPRING 1977 and FALL 1977

Categories	Time	% of Utilization Per ½ Hour Period of Available Space								
		Center Campus			South Campus			Total College		
		Fall 76	Spring 77	Fall 77	Fall 76	Spring 77	Fall 77	Fall 76	Spring 77	Fall 77
Lecture Rooms	Prime Time Day	56	57	60	63	67	64	61	64	62
	Prime Time Night	57	62	63	76	82	78	70	76	75
	Prime Time Week	56	59	61	68	72	70	65	69	67
	Afternoon	43	33	33	22	25	23	28	27	25
	Schedule Week	35	39	38	39	43	40	38	41	40
Labs	Prime Time Day	40	44	46	57	60	56	52	55	54
	Prime Time Night	47	51	47	62	68	69	59	62	63
	Prime Time Week	44	47	46	59	63	61	54	58	57
	Afternoon	23	35	30	27	26	28	26	29	28
	Schedule Week	29	31	30	36	38	40	34	36	36
Combined (Lecture Rooms & Labs)	Prime Time Day	51	52	60	62	64	62	59	61	60
	Prime Time Night	54	58	63	72	77	75	67	71	69
	Prime Time Week	52	54	61	66	69	67	62	65	63
	Afternoon	26	34	33	24	25	23	24	28	25
	Schedule Week	33	36	38	39	41	40	37	40	39

TABLE 5

CENTER CAMPUS

FALL 1977

Rooms With High Utilization Rates (84% and Above)
During Prime Time Day, Night, Week,
Afternoon and Schedule Week

<u>Prime Time Day</u>	<u>Prime Time Night</u>	<u>Prime Time Week</u>	<u>Afternoon</u>
A-123	A-131 A-237		
B-128	B-121 B-122 B-128	B-122 B-128	B-122 B-128
F-139 F-140	F-147	F-140	
H-105 H-116 H-125 H-126 H-204 H-218	H-105 H-117 H-208	H-105 H-125	H-105

TABLE 6

SOUTH CAMPUS

FALL 1977

Rooms With High Utilization Rates (84% and Above)
During Prime Time Day, Night, Week,
Afternoon and Schedule Week

<u>Prime Time Day</u>	<u>Prime Time Night</u>	<u>Prime Time Week</u>	<u>Afternoon</u>
B-308 B-310 B-316		B-308 B-316	
C-123 C-204 C-216 C-227	C-123 C-204 C-223 C-225 C-227 C-233 C-241 C-243 C-253 C-255	C-123 C-125 C-204 C-241 C-243	
C-263 C-317 C-318 C-351	C-329 C-351	C-263 C-317 C-351	C-351
D-309 D-313 D-317	D-205 D-222 D-305 D-313	D-313 D-317	
E-205 E-211 E-216 E-318	E-204 E-205 E-208 E-304 E-309	E-204 E-205 E-208 E-211 E-216 E-312 E-318	

TABLE 6 (Continued)

SOUTH CAMPUS

FALL 1977

Rooms With High Utilization Rates (84% and Above)
During Prime Time Day, Night, Week,
Afternoon and Schedule Week

<u>Prime Time Day</u>	<u>Prime Time Night</u>	<u>Prime Time Week</u>	<u>Afternoon</u>
F-204 F-205 F-208 F-209 F-308 F-312 F-318	F-204 F-205 F-208 F-209	F-204 F-205 F-208 F-209	
G-226 G-240	G-226 G-240 G-410 G-416 G-426 G-428	G-226 G-240	
	H-206 H-214 H-215 H-229 H-412 H-414	H-415 H-418 H-420	
J-114	J-114	J-114	
P-110			

TABLE 6 (Continued)

SOUTH CAMPUS

FALL 1977

Rooms With High Utilization Rates (84% and Above)
During Prime Time Day, Night, Week,
Afternoon and Schedule Week

<u>Prime Time Day</u>	<u>Prime Time Night</u>	<u>Prime Time Week</u>	<u>Afternoon</u>
	R-103		
	R-106		
	R-110		
R-112	R-112	R-112	
R-117		R-117	
	R-118		
	R-126	R-126	
R-127			R-127
	R-128		
	R-129		
R-135		R-135	
R-138	R-138	R-138	
R-145			
	R-155		
	T-106		
	T-109	T-109	
	T-112		
	T-113		
	T-118		
	T-122		
	T-125		
	T-127	T-127	
	T-129		
	T-132	T-132	
	T-134		
	T-137		
	T-140		
	T-144		
	T-145		
T-146	T-146	T-146	
	T-153		
	W-Court	W-Court	

22

TABLE 7

CENTER CAMPUS

FALL 1977

Rooms Used Less Than Normally (16% or Less)
During Prime Time Day, Night,
Week, and Schedule Week

<u>Prime Time Day</u>	<u>Prime Time Night</u>	<u>Prime Time Week</u>	<u>Afternoon</u>
A-119	A-119	A-119	A-116
A-216	A-215 A-216	A-216	A-216 A-229
A-234			
			B-108 B-110 B-113 B-121 B-123 B-129
			F-141 F-147
			H-103 H-117 H-124 H-203 H-204 H-205
	H-209		H-210 H-210 H-213
H-220	H-214	H-220	H-220
K-116	K-116 K-121	K-116	K-121 K-124
	R-2		

23

TABLE 8

SOUTH CAMPUS

FALL 1977

Rooms Used Less Than Normally (16% or less)
During Prime Time Day, Night,
Week, and Schedule Week

<u>Prime Time Day</u>	<u>Prime Time Night</u>	<u>Prime Time Week</u>	<u>Afternoon</u>
			B-204 B-216 B-311
C-253			C-214 C-223 C-225 C-235 C-253 C-255 C-257 C-265 C-304 C-318 C-321 C-361
C-361			D-205 D-309 D-317
			E-209 E-211 E-305 E-309
			F-105 F-204 F-210 F-304 F-305 F-312 F-318
			Field House

TABLE 8. (Continued)

SOUTH CAMPUS

FALL 1977

Rooms Used Less Than Normally (16% or less)
During Prime Time Day, Night,
Week, and Schedule Week

<u>Prime Time Day</u>	<u>Prime Time Night</u>	<u>Prime Time Week</u>	<u>Afternoon</u>
G-201			G-201 G-240 G-405 G-412 G-416 G-419 G-428
H-229		H-202	H-214 H-215 H-216 H-229 H-411 H-414 H-415 H-418
			J-114 J-229
K-342	K-342	K-342	K-342
P-130	P-119 P-120		P-110 P-119 P-120 P-130 P-131 P-140
R-107	R-125	R-107	R-107 R-125 R-128
T-131	T-131	T-131	T-131 T-134 T-140
T-145			T-53

[The page contains a vertical column of extremely faint and illegible text, likely a list or index, which is mostly obscured by noise and low contrast.]

TABLE 9

M. S T U D Y

MCCC Research

PRIME TIME			OTHER TIME			
NIGHT (b)	WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
	%	N	N	%	N	%
81	60	73	8	20	72	41
75	62	76	10	25	72	41
75	56	68	4	10	66	38
0	0	0	6	15	6	3
69	66	80	10	25	76	43
53	47	57	15	38	68	39
38	38	46	14	35	51	29
88	66	80	14	35	84	48
75	62	76	10	25	72	41
38	38	46	30	75	78	44
0	20	24	10	25	34	19
0	8	10	4	10	16	9
0	4	5	4	10	8	5
75	48	59	17	43	67	38
50	26	32	12	30	42	24

h, 1 PM - 6 PM
 F, 7 AM - 11 PM
 t, 8 AM - 4 PM

N Number of half hours
 in use
 % N ÷ Number of half hours
 available for scheduling

26

TABLE 10
ROOM STUDY

FALL 1977		Term		MCCC Research							
CENTER		Campus		PRIME TIME				OTHER TIME			
B		Building									
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
108	G.E. Lecture	32	64	24	75	56	68	6	15	75	43
110	G.E. Lecture	28	56	14	44	42	51	6	15	58	33
112	G.E. Lecture	30	60	20	63	50	61	14	35	74	42
113	G.E. Lecture	38	76	14	44	52	63	6	15	66	38
121	G.E. Lecture	36	72	32	100	68	83	4	10	80	45
122	G.E. Lecture	40	80	32	100	72	88	34	85	106	60
123	G.E. Lecture	32	64	24	75	56	68	4	10	70	40
126	G.E. Lecture	32	64	22	69	54	66	18	45	78	44
128	G.E. Lecture	46	92	32	100	78	95	40	100	126	72
129	G.E. Lecture	27	54	16	50	43	52	6	15	53	30

SUMMARY

10	Lecture	341	68	230	72	571	70	138	35	786	45
0	Lab	0	0	0	0	0	0	0	0	0	0
10	Total	341	68	230	72	571	70	138	35	786	45

(a) M - F, 8 AM - 1 PM

(b) M - Th, 6 PM - 10 PM

(c) = a + b

(d) M - Th, 1 PM - 6 PM

(e) M - F, 7 AM - 11 PM

& Sat, 8 AM - 4 PM

N Number of half hours
in use% N = Number of half hours
available for scheduling.

TABLE 13
ROOM STUDY

FALL 1977		Term		MCCC Research							
CENTER		Campus		PRIME TIME				OTHER TIME			
H		Building									
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
103	G.E. Lecture	20	40	16	50	36	44	4	10	42	24
104	Bus. Lecture	28	56	20	63	48	55	20	50	68	39
105	Bus. Lecture	50	100	31	97	81	99	40	100	121	69
111	G.E. Lecture	40	80	20	63	60	73	12	30	76	43
115	G.E. Lecture	24	48	21	66	45	55	8	20	55	31
116	Bus. Lecture	46	92	14	44	60	73	30	75	98	56
117	G.E. Lecture	26	52	28	88	54	66	4	10	58	33
124	G.E. Lecture	28	56	24	75	52	63	6	15	58	33
125	G.E. Lecture	42	84	29	91	71	87	10	25	89	50
126	G.E. Lecture	42	84	18	56	60	73	8	20	72	41
203	G.E. Lecture	20	40	6	19	26	32	4	10	30	17
204	G.E. Lecture	42	84	26	81	68	83	4	10	74	43
205	Bus. Lecture	36	72	24	75	60	73	4	10	70	40
208	Bus. Lecture	24	48	28	88	52	63	12	30	68	39
209	A.H./G.E. Lect.	28	56	4	13	32	39	17	43	46	26

Continued next page.

(a) M - F, 8 AM - 1 PM

(b) M - Th, 6 PM - 10 PM

(c) = a + b

(d) M - Th, 1 PM - 6 PM

(e) M - F, 7 AM - 11 PM

& Sat, 8 AM - 4 PM

N = Number of half hours
in use

% N = Number of half hours
available for scheduling

31

TABLE 13 (Continued)

R O O M S T U D Y

FALL 1977		Term		MCCC Research							
CENTER		Campus									
H	Building	PRIME TIME				OTHER TIME					
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
210	Nurs/G.E. Lec.	24	48	14	44	38	46	6	15	48	27
213	Nurs/G.E. Lec.	34	68	18	56	52	63	6	15	64	36
214	A.H. Lecture	34	68	0	00	34	41	20	50	60	34
215	A.H. Lab	24	48	4	13	28	34	32	80	60	34
218	Bus. Lecture	44	88	24	75	68	83	18	45	90	51
219	Bus. Lecture	26	52	25	78	51	62	28	70	81	46
220	A.H. Lecture	6	12	9	28	15	18	6	15	21	12

SUMMARY

21	Lecture	664	64	399	1,063	62	267	33	1,389	38
1	Lab	24	48	4		34	32	80	60	34
22	Total	688	62	403		61	299	35	1,449	38

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N = Number of half hours in use
 % N = Number of half hours available for scheduling

32

TABLE 18
ROOM STUDY

Fall 1977 Term

MCCC Research

South Campus

B Building		PRIME TIME						OTHER TIME			
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
204	G.E. Lab	16	32	18	56	34	41	6	15	42	23
209	G.E. Lab	34	68	20	63	54	66	14	35	68	39
210	G.E. Lecture	36	72	18	56	54	66	10	25	66	38
211	G.E. Lecture	36	72	24	75	60	73	14	35	88	50
216	G.E. Lab	22	44	12	37	34	41	2	5	36	20
308	G.E. Lecture	50	100	24	75	74	90	16	40	100	56
310	G.E. Lab	42	84	6	18	48	58	12	30	60	34
311	G.E. Lab	8	16	12	37	20	24	4	10	24	14
316	G.E. Lab	46	92	24	75	70	85	18	45	96	55
410	G.E. Lab	14	28	6	18	20	24	8	20	30	17
415	G.E. Lab	30	60	8	25	38	46	8	20	48	27
416	G.E. Lab	18	36	18	56	36	43	14	35	54	31

SUMMARY

3	Lecture	122	82	66	69	188	77	40	33	254	48
9	Labs	230	52	124	44	354	48	86	25	458	29
12	Total	352	58	190	50	542	62	126	28	712	34

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N Number of half hours in use
 % N : Number of half hours available for scheduling

87

TABLE 19
ROOM STUDY

FALL 1977 Term		MCCC Research									
SOUTH Campus											
C Building		PRIME TIME						OTHER TIME			
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
121	Bus. Lecture	30	60	26	81	56	68	16	40	90	51
123	Bus. Lecture	44	88	30	94	74	90	8	20	96	55
125	Bus. Lecture	38	76	26	81	64	78	8	20	84	48
127	Bus. Lecture	28	56	26	81	54	66	0	0	58	33
204	G.E. Lecture	50	100	28	88	78	95	28	70	120	68
205	G.E. Lecture	40	80	24	75	64	78	10	25	88	50
207	Bus. Lecture	26	52	22	69	48	59	20	50	76	43
214	G.E. Lecture	40	80	8	25	48	59	4	10	68	39
216	G.E. Lecture	42	84	22	69	64	78	8	20	80	45
223	G.E. Lecture	24	48	32	100	56	68	0	0	72	41
225	Bus. Lecture	10	20	32	100	42	51	0	0	42	24
227	Bus. Lecture	46	92	32	100	78	95	16	40	94	53
233	Bus. Lecture	30	60	28	88	58	71	8	20	78	44
235	Bus. Lecture	14	28	16	50	30	37	3	8	34	19
241	Bus. Lecture	40	80	32	100	72	88	12	30	94	53

Continued next page.

(a) M - F, 8 AM - 11 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N Number of half hours in use
 % N Number of half hours available for scheduling

38

TABLE 19 (Continued)
R O O M S T U D Y

FALL, 1977		Term		NCCC Research									
SOUTH		Campus		PRIME TIME					OTHER TIME				
C.	Building	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)			
ROOMS	USE	N	%	N	%	N	%	N	%	N	%		
243	Bus. Lecture	40	80	32	100	72	88	28	70	110	63		
253	Bus. Lecture	8	16	32	100	40	49	4	10	44	25		
255	G.E. Lecture	36	72	28	88	64	78	0	0	64	36		
257	G.E. Lecture	24	48	26	81	50	61	0	0	65	37		
263	G.E. Lecture	46	92	24	75	70	85	8	20	92	5		
265	G.E. Lecture	18	36	20	63	38	46	4	10	52	30		
304	G.E. Lecture	24	48	26	81	50	61	0	0	58	33		
317	G.E. Lab	50	100	24	75	74	90	32	80	122	69		
318	G.E. Lecture	44	88	12	38	56	68	4	10	66	38		
321	Bus. Lecture	32	64	16	50	48	59	0	0	50	28		
325	Bus. Lecture	26	52	26	81	52	63	8	20	60	34		
329	Bus. Lab	38	76	28	88	66	80	16	40	84	48		
331	Bus. Lab	36	72	24	75	60	73	12	30	88	50		
337	Bus. Lab	14	28	8	25	22	43	8	20	30	17		
339	Bus. Lab	24	48	24	75	48	59	10	25	58	33		

Continued next page.

(a) M - F, 8 AM - 1 PM
(b) M - Th, 6 PM - 10 PM
(c) = a + b

(d) M - Th, 1 PM - 6 PM
(e) M - F, 7 AM - 11 PM
& Sat, 8 AM - 4 PM

N = Number of half hours
in use
% N = Number of half hours
available for scheduling

39

[The page contains a vertical column of extremely faint and illegible text, likely bleed-through from the reverse side of the document. The text is too light to transcribe accurately.]

TABLE 20											
ROOM STUDY											
Fall 1977 Term						MCCC Research					
South Campus											
D. Building		PRIME TIME						OTHER TIME			
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
205	GE Lecture	22	44	29	91	51	62	0	0	54	31
222	GE Lecture	32	64	32	100	64	78	12	30	76	43
305	GE Lecture	40	80	32	100	72	88	24	60	96	55
309	GE Lecture	44	88	24	75	68	83	0	0	68	39
313	GE Lecture	46	92	28	88	74	90	14	35	88	50
316	GE Lecture	40	80	24	75	64	78	8	20	72	41
317	GE Lecture	46	92	26	81	72	88	6	15	82	46
322	GE Lecture	40	80	20	63	60	73	16	40	76	43

SUMMARY

8	Lecture	310	78	215	84	525	80	80	25	612	44
0	Lab	0	0	0	0	0	0	0	0	0	0
8	Total	310	78	215	84	525	80	80	25	612	44

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N: Number of half hours
 in use
 % N: Number of half hours
 available for scheduling

TABLE 21
ROOM STUDY

Fall 1977 Term

MCCC Research

South Campus

E Building

ROOMS	USE	PRIME TIME						OTHER TIME			
		DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
204	G.E. Lecture	40	80	32	100	72	88	16	40	88	50
205	G.E. Lecture	44	88	28	88	72	88	10	25	98	56
208	G.E. Lecture	40	80	32	100	72	88	8	20	80	45
209	G.E. Lecture	30	60	24	75	54	66	4	10	60	34
210	G.E. Lecture	42	84	24	75	66	80	28	70	96	55
211	G.E. Lecture	48	96	24	75	72	88	0	0	84	48
216	G.E. Lecture	46	92	24	75	70	85	8	20	78	44
304	G.E. Lecture	32	64	32	100	64	78	16	40	104	59
305	G.E. Lecture	32	64	22	69	54	66	4	10	58	33
308	G.E. Lecture	38	76	18	56	56	68	14	35	78	44
309	G.E. Lecture	36	72	28	88	64	78	0	0	72	41
312	G.E. Lecture	40	80	32	100	72	88	8	20	80	45
318	G.E. Lecture	44	88	26	81	70	85	10	25	90	51

SUMMARY

13	Lecture	512	78	346	84	858	80	126	33	1066	46
0	Lab	0	0	0	0	0	0	0	0	0	0
13	Total	512	78	346	84	858	80	126	33	1066	46

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N Number of half hours
 in use
 % N = Number of half hours
 available for scheduling

42

TABLE 22
ROOM STUDY

Fall 1977 Term		MCCC Research									
South Campus		PRIME TIME					OTHER TIME				
F Building		DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
ROOMS	USE	N	%	N	%	N	%	N	%	N	%
104	G.E. Lab	30	60	12	38	42	51	12	30	59	34
105	G.E. Lab	28	56	12	38	40	49	0	0	40	23
204	G.E. Lab	44	88	32	100	76	93	0	0	76	43
205	G.E. Lab	46	92	28	88	74	90	28	70	112	64
208	G.E. Lab	48	96	32	100	80	98	18	45	100	56
209	G.E. Lab	42	84	32	100	74	90	16	40	90	51
210	G.E. Lab	40	80	24	75	64	78	4	10	70	40
216	G.E. Lab	38	76	24	75	62	76	12	30	80	45
304	G.E. Lab	30	60	10	31	40	49	4	10	46	26
305	G.E. Lab	38	76	22	69	60	73	6	15	68	39
308	G.E. Lab	44	88	20	63	64	78	12	30	80	45
309	G.E. Lab	38	76	20	63	58	71	8	20	66	38
312	G.E. Lab	42	84	24	75	66	80	0	0	66	38
318	G.E. Lab	42	84	26	81	68	83	0	0	68	39

SUMMARY

11	Lecture	448	82	262	75	710	79	108	25	846	44
3	Labs	102	68	56	59	158	65	12	10	175	33
14	Totals	550	78	318	72	868	76	120	23	1021	41

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N Number of half hours
 in use
 % N : Number of half hours
 available for scheduling

TABLE 23
ROOM STUDY

Fall 1977 Term		South Campus		G Building		PRIME TIME				OTHER TIME	
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
201	C.E. Lecture	4	8	23	72	27	47	0	0	27	15
209	BUS Lecture	28	56	26	81	54	66	12	30	66	38
215	BUS Lecture	32	64	24	75	56	68	4	10	60	34
216	G.E. Lecture	12	24	24	75	36	44	20	50	58	33
226	BUS Lecture	44	88	32	100	76	93	28	70	104	59
240	T.E. Lecture	42	84	28	88	70	85	6	15	92	52
405	G.E. Lecture	26	52	20	63	46	56	0	0	46	26
407	G.E. Lecture	40	80	24	75	64	78	24	60	88	50
410	GE/TE Lecture	32	64	32	100	64	78	16	40	84	48
412	G.E. Lecture	30	60	14	44	44	54	0	0	44	25
416	GE/TE Lecture	24	48	32	100	56	68	0	0	56	32
426	GE/BUS Lecture	28	56	30	94	58	71	16	40	74	42
428	BUS Lecture	16	32	30	94	46	56	0	0	46	26

SUMMARY

13	Lecture	358	56	339	81	697	66	126	25	845	37
0	Labs	0	0	0	0	0	0	0	0	0	0
13	Total	358	56	339	81	697	66	126	25	845	37

(a) M - F, 8 AM - 1 PM

(b) M - Th, 6 PM - 10 PM

(c) = a + b

(d) M - Th, 1 PM - 6 PM

(e) M - F, 7 AM - 11 PM

& Sat, 8 AM - 4 PM

N Number of half hours
in use% N = Number of half hours
available for scheduling

44

TABLE 24
R O O M S T U D Y

Fall 1977 — Term

MCCC Research

South Campus

H Building

ROOMS	USE	PRIME TIME						OTHER TIME			
		DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
202	BUS Lecture	0	0	10	31	10	12	0	0	14	8
204	BUS Lecture	24	48	19	59	43	52	8	20	51	29
206	BUS Lecture	28	56	32	100	60	73	12	30	72	41
214	BUS/GE Lecture	22	44	32	100	54	66	2	5	56	32
215	BUS/GE Lecture	10	20	32	100	42	51	0	0	42	24
216	BUS Lecture	32	64	24	75	56	68	0	0	56	32
229	BUS/GE Lecture	4	8	28	88	32	39	6	15	38	21
411	GE Lab	24	48	16	50	40	49	4	10	44	25
412	GE/TE Lecture	12	24	32	100	44	54	7	18	51	29
414	GE/BUS Lecture	42	84	24	75	66	80	4	10	70	40
415	GE/TE Lecture	14	28	28	88	42	51	6	15	48	27
418	GE/BUS Lecture	32	64	32	100	64	78	0	0	66	38
419	TE Lecture	24	48	26	81	50	61	4	10	58	33
420	GE/TE Lecture	36	72	32	100	68	83	8	20	76	43
421	GE/BUS Lecture	26	52	24	75	50	61	12	30	68	39

SUMMARY

14	Lecture	306	44	375	84	681	60	69	13	766	31
1	Lab	24	48	16	50	40	49	4	10	44	25
15	Total	330	44	391	81	721	59	73	13	810	31

(a) M - F, 8 AM - 1 PM

(b) M - Th, 6 PM - 10 PM

(c) = a + b

(d) M - Th, 1 PM - 6 PM

(e) M - F, 7 AM - 11 PM

& Sat, 8 AM - 4 PM

N = Number of half hours
in use% N = Number of half hours
available for scheduling

45

TABLE 27
ROOM STUDY

Fall 1977 Term

MCCC Research

South Campus

P Building

ROOMS	USE	PRIME TIME						OTHER TIME			
		DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
110	G.E. Lecture	44	88	24	75	68	83	4	10	80	45
119	G.E. Lab	36	72	0	0	36	44	0	0	44	25
120	G.E. Lecture	24	48	3	9	27	33	4	10	33	19
130	G.E. Lecture	8	16	16	50	24	29	0	0	24	14
131	G.E. Lab	28	56	24	75	52	63	0	0	52	30
140	G.E. Lab	40	80	20	63	60	73	4	10	72	41

SUMMARY

3	Lecture	76	50	43	44	119	49	8	8	137	26
3	Labs	104	70	44	47	148	60	4	3	168	32
6	Total	180	60	87	47	267	55	12	5	305	29

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N. Number of half hours in use
 % N = Number of half hours available for scheduling

48

TABLE 28
ROOM STUDY

Fall 1977 Term		MCCC Research									
South Campus		PRIME TIME					OTHER TIME				
R Building		DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
ROOMS	USE	N	%	N	%	N	%	N	%	N	%
103	T.E. Lab	28	56	32	100	60	73	20	50	96	55
105	T.E. Lab	40	80	12	38	52	63	20	50	72	41
106	T.E. Lab	30	60	32	100	62	76	14	35	84	48
107	T.E. Lab	0	0	12	38	12	15	0	0	12	7
110	T.E. Lab	28	56	32	100	60	73	16	40	94	53
112	T.E. Lab	42	84	32	100	74	90	26	65	122	69
117	T.E. Lab	50	100	26	81	76	93	32	80	120	68
118	T.E. Lab	26	52	32	100	58	71	16	40	98	56
121	T.E. Lecture	23	46	26	81	49	60	8	20	69	39
125	T.E. Lab	24	48	0	0	24	29	0	0	36	20
126	T.E. Lab	38	76	32	100	70	85	8	20	88	50
127	T.E. Lab	50	100	16	50	66	80	36	90	114	65
128	T.E. Lab	36	72	32	100	68	83	4	10	88	50
129	T.E. Lecture	12	24	28	88	40	49	0	0	54	31
135	T.E. Lab	50	100	26	81	76	93	30	75	128	73

Continued next page.

(a) M - F, 8 AM - 1 PM

(b) M - Th, 6 PM - 10 PM

(c) = a + b

(d) M - Th, 1 PM - 6 PM

(e) M - F, 7 AM - 11 PM

& Sat, 8 AM - 4 PM

N Number of half hours
in use

% N : Number of half hours
available for scheduling

TABLE 28 (Continued)

ROOM STUDY

Fall 1977 Term

MCCC Research

South Campus

R Building

ROOMS	USE	PRIME TIME						OTHER TIME			
		DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
138	T.E. Lecture	42	84	32	100	74	90	10	25	94	53
140	T.E. Lecture	18	36	24	75	42	51	2	5	52	30
143	T.E. Lab	40	80	12	38	52	63	32	80	106	60
*145/151	T.E. Lab	44	88	24	75	68	83	26	65	100	58
155	T.E. Lab	40	80	28	88	68	83	8	20	92	52

SUMMARY

4	Lecture	95	48	110	88	205	62	20	13	269	38
16	Labs	566	70	380	75	946	72	288	45	1450	52
7	Total	661	66	490	78	1151	57	308	38	1719	49

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N Number of half hours
 in use
 % N : Number of half hours
 available for scheduling

*These rooms combined.

TABLE 29
ROOM STUDY

MCCC Research

Fall 1977 Term											
South Campus											
T Building		PRIME TIME					OTHER TIME				
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
106	T.E. Lab	26	52	28	88	54	66	4	10	70	40
109	T.E. Lab	38	76	32	100	70	85	20	50	124	70
112	T.E. Lab	24	48	32	100	56	68	16	40	80	45
113	T.E. Lecture	36	72	28	88	64	78	20	50	93	53
115	T.E. Lecture	10	20	24	75	34	41	8	20	42	24
118	T.E. Lab	12	24	32	100	44	54	14	35	68	39
120	T.E. Lecture	28	56	26	81	54	66	4	10	62	35
122	T.E. Lab	24	48	32	100	56	68	18	45	78	44
125	T.E. Lab	32	64	32	100	64	78	0	0	69	39
127	T.E. Lecture	40	80	32	100	72	88	0	0	80	45
129	T.E. Lab	34	68	28	88	62	76	14	35	85	48
131	T.E. Lab	0	0	0	0	0	0	0	0	8	5
132	T.E. Lecture	40	80	32	100	72	88	22	55	100	56
134	T.E. Lecture	22	44	27	84	49	60	0	0	57	32
137	T.E. Lab	36	72	32	100	68	83	24	60	116	66

Continued next page.

(a) M - F, 8 AM - 1 PM

(b) M - Th, 6 PM - 10 PM

(c) = a + b

(d) M - Th, 1 PM - 6 PM

(e) M - F, 7 AM - 11 PM

& Sat, 8 AM - 4 PM

N Number of half hours
in use

% N ÷ Number of half hours
available for scheduling

51

TABLE 29 (Continued)
ROOM STUDY

Fall 1977 Term		MCCC Research									
South Campus		PRIME TIME						OTHER TIME			
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
140	T.E. Lab	22	44	32	100	54	66	2	5	60	34
144	T.E. Lab	12	24	32	100	44	54	12	30	56	32
145	T.E. Lab	8	16	32	100	40	49	8	20	64	36
146	T.E. Lab	48	96	32	100	80	98	12	30	122	69
153	T.E. Lab	10	20	30	94	40	49	4	10	62	35

SUMMARY

6	Lecture	176	58	169	88	345	71	54	25	434	41
14	Labs	326	46	406	91	732	63	148	28	1054	43
20	Total	502	50	575	91	1077	66	202	25	1488	42

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b

(d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM

N : Number of half hours
 in use
 % N : Number of half hours
 available for scheduling

TABLE 30
ROOM STUDY

Fall 1977 Term

MCCC Research

South Campus

Tennis Court Building		PRIME TIME						OTHER TIME			
ROOMS	USE	DAY (a)		NIGHT (b)		WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
		N	%	N	%	N	%	N	%	N	%
W-Court	Lab	40	80	32	100	72	88	0	0	72	41

SUMMARY

0	Lecture	0	0	0	0	0	0	0	0	0	0
1	Lab	40	80	32	100	72	88	0	0	72	41
1	Total	40	80	32	100	72	88	0	0	72	41

(a) M - F, 8 AM - 1 PM
 (b) M - Th, 6 PM - 10 PM
 (c) = a + b
 (d) M - Th, 1 PM - 6 PM
 (e) M - F, 7 AM - 11 PM
 & Sat, 8 AM - 4 PM
 N : Number of half hours in use
 % N : Number of half hours available for scheduling





TABLE 31
STUDY

MCCC Research

PRIME TIME			OTHER TIME			
LENGTH (b)	WEEK (c)		AFTERNOON (d)		SCHEDULE WEEK (e)	
	N	%	N	%	N	%
75	36	44	12	30	48	27

75	36	44	12	30	48	27
0	0	0	0	0	0	0
75	36	44	12	30	48	27

Th, 1 PM - 6 PM
F, 7 AM - 11 PM
Sat, 8 AM - 4 PM

N : Number of half hours
in use
% N : Number of half hours
available for scheduling



