

CLASSROOM UTILIZATION

Executive Summary

One Existing Conditions

Two Existing Issues

Three Proposed Solutions

Recommendations

Tree Inventory/Survey

Six Classroom Utilization

Parking Study

Meeting Minutes

42-63
NRW

The following report reflects the general classroom and lecture hall needs of the east end of the SUNY Oswego Campus. In this study, Cannon Design reviewed the class schedule for the Fall of 2009. This semester was chosen because it would reflect the most current and most utilized semester in the calendar. This study was conducted in collaboration with the Registrar's Office and the New Science Building Faculty Liaison, Casey Raymond.

All of the classrooms in the east end of the campus were studied except for those at Rich Hall at the suggestion of the Registrar. This building is dedicated for the School of Business and is used exclusively for those classes. The needs of the School of Business are not expected to change so they have not been part of this consideration. The classes of the School of Education were considered, despite the fact that the schedule for these classes often conflict with other offerings on this side of campus. The New Science Building and the future addition to the School of Education Building will hold most of the classrooms on the east end of the campus.

While many of the current general classrooms are located in Piez and Snygg Halls, the classroom projections included the planned classrooms and lecture halls in the New Science Building and not those in Piez and Snygg. Thus, the following represents the shortage of classrooms and lecture halls in the east end of campus when Piez and Snygg are removed:

Classrooms:

Type A (<25 students): shortage of 7 classrooms (actual shortage is 11 classrooms. 2 of these can be accommodated by classroom Type "B" surplus. If the College adds 2 Classrooms "B", 7 Classrooms "A" will be required)

Type B (25-30 students): no shortage (consider adding 2 classrooms for Elect Engineering Program)

Type C (31-50 students): no shortage

RECOMMENDED: add 7 Type "A" and 2 Type "B" Classrooms to the east side of campus.

Lecture Halls:

Type 1 (51-120 students): no shortage

Type 2 (121-150 students): no shortage

Type 3 (151-225 students): no shortage

While the study classifies these spaces in a square footage range (ie. Type A 0-24 students) it is assumed that new classrooms will be programmed to accommodate the largest number of students listed in the given range. Therefore the following classroom designations should be used for future building programs:

Type A: 24 students

Type B: 30 students

Type C: 50 students

Currently, SUNY Oswego offers classes for 19 students. To ensure that the College has the flexibility to increase the size of the standards classes in the future, the smallest classroom programmed will be 24 students. The College may wish to use the 30-person classroom as the smallest classroom in the future to maximize flexibility for future needs.

When reviewing the study, a number of classes fall outside of the number of classrooms that are needed for a given time slot. These can be accommodated by slight modifications to the schedule or locating them in a larger classroom. In general, greater efficiencies can be obtained with the schedule by utilizing the early morning, mid-day and late afternoon time slots more effectively.

Finally, SUNY Oswego has recently introduced a new program, "Electrical and Computer Engineering" to the campus. Currently, there is no class schedule for this program, however, labs for this program have been included in the New Science Building and the program will have 4 faculty members plus 1 Chair. To accommodate the future classroom needs of this program 2 additional Classroom "B" rooms are recommended. All of the recommended additional classrooms should be added to the campus in subsequent east campus facility projects, specifically the School of Education Building project.



09 Fall Schedule: Summary

Capacity	Classroom Type	Park	Wilber	Sheldon	New Science	Total Available
<= 24	A	0	0	0	0	0
25 - 30	B	0	0	0	3	3
31 - 50	C	0	4	6	10	20
51 - 120	1	0	0	0	3	3
121 - 150	2	0	0	0	1	1
151 - 225	3	1	0	0	1	1
			0	0	0	1

Capacity	Classroom Type	CR/LH Available	Future Program Needs**	CR/LH Needed	Variance	Comments
<= 24	A	3		14	(11)	9 Classrooms required for A/B Classrooms
25 - 30	B	20	2	18	2	
31 - 50	C	3		3	0	Deficiency in Lecture Hall 1 can be accommodated in Lecture Halls 2 and 3
51 - 120	1	1		3	(2)	
121 - 150	2	1		1	0	
151 - 225	3	1		1	0	

Required Classrooms and Lecture Halls on East End of Campus	
Classroom "A"	14
Classroom "B"	18
Classroom "C"	3
Lecture Hall 1	1
Lecture Hall 2	1
Lecture Hall 3	1
Total	38

See Note*
See Note **

Note: To ensure flexibility, the College may consider making the 30-person classroom (Classroom "B") the smallest offering on campus in future construction projects.
 Note: A new program- "Electrical and Computer Engineering" has been created at SUNY Oswego. As there is no current class schedule 2 classrooms have been added to the list of needs to accommodate this curriculum.



SUNY Oswego Science Building Classroom Utilization Study

09 Fall Schedule: Summary

Current Utilization by Type

Room	Classroom Type	Room	Classroom Type
PARK 305	3 (225)	SNYGG 101	1 (100)
		SNYGG 102	3 (220)
PIEZ 119	1 (120)	SNYGG 106	B (30)
PIEZ 130	A (12)	SNYGG 107	A (22)
PIEZ 221	C (45)	SNYGG 127	1 (60)
PIEZ 228	B (29)	SNYGG 130	C (50)
PIEZ 229	B (29)	SNYGG 200	B (30)
PIEZ 230	B (29)	SNYGG 201	B (30)
PIEZ 231	B (29)	SNYGG 203	C (40)
PIEZ 232	B (29)	SNYGG 204	A (20)
PIEZ 233	B (29)	SNYGG 300	B (30)
PIEZ 328	B (29)	SNYGG 301	B (30)
PIEZ 330	B (29)	SNYGG 302	B (30)
PIEZ 331	B (29)	SNYGG 303	B (30)
		SNYGG 304	B (30)
WILBER 117	B (30)		
WILBER 121	B (30)	SHELDO 326	B (26)
WILBER 251	B (30)	SHELDO 328	B (30)
WILBER 354A	B (30)	SHELDO 332	B (30)
		SHELDO 336	B (25)
		SHELDON 337	B (25)
		SHELDON 354A	B (30)

Type Legend:

Capacity	Classroom
<= 24	A
25 - 30	B
31 - 50	C
51 - 120	1
121 - 150	2
151 - 225	3

New Science Classrooms/ Lecture Halls
Classroom "A": 3
Classroom "B": 10
Classroom "C": 3
Lecture Hall "1": 1 (existing Piez Hall 119)
Lecture Hall "2": 1



SUNY Oswego Science Building Classroom Utilization Study

19 Fall Schedule

SUNY Oswego Science Building Classroom Utilization Study

Classroom Analysis

Classroom "A" Analysis

Week Day:	Time Slot	Classrooms Needed	Comments
M/W/F	8:00-8:55	1	
	8:00-9:20	1	13 classrooms required in these time slots
	9:10-10:55	9	
	9:35-10:55	4	
	10:20-11:55	5	9 classrooms required in these time slots
	11:30-12:25	7	11 classrooms required in these time slots
	11:10-12:30	3	
	11:30-14:30	1	8 classrooms required in these time slots
	13:30-15:30	1	
	13:50-14:45	9	
	14:20-15:40	3	
	14:20-15:45	1	
	15:00-15:55	3	
	15:00-16:20	1	
	16:10-17:30	1	
	16:10-20:10	4	
	16:15-19:15	1	
	16:30-19:30	7	
	16:30-20:30	2	
	16:35-17:55	1	
16:35-18:05	1		
17:30-20:30	1		
18:00-20:20	1		
19:00-21:00	1		

Week Day:	Time Slot	Classrooms Needed	Comments
T/R	8:00-9:20	5	
	9:10-15:00	4	14 classrooms required
	9:35-10:55	11	
	11:10-12:30	10	13 classrooms required
	12:45-14:05	5	
	14:20-15:40	8	
	15:55-17:15	5	
	16:10-20:10	1	
	16:15-19:15	1	
	16:30-19:30	8	
	17:30-18:55	2	
19:00-20:20	1		

CLASSROOM UTILIZATION

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JNY Oswego Science Building Classroom Utilization Study

Fall Schedule

JNY Oswego Science Building Classroom Utilization Study

classroom Analysis

classroom "B" Analysis

Week Day:	Time Slot	Classrooms Needed	Comments
M/W/F	8:00-8:55	7	12 classrooms required in these time slots
	8:00-9:20	2	
	9:10-10:05	10	
	9:35-10:55	4	5 classrooms required
	9:55-11:15	1	
	10:20-11:15	13	13 classrooms required
	11:30-12:25	12	
	11:10-12:30	4	
	12:45-15:45	1	
	13:50-14:45	11	
	13:50-15:10	2	
	14:20-15:40	1	
	15:00-16:20	3	
	15:00-15:55	7	
	17:00-18:20	1	
17:30-20:00	1		
17:30-20:15	1		
18:30-19:50	1		

Week Day:	Time Slot	Classrooms Needed	Comments
T/R	8:00-9:20	5	
	8:55-10:55	1	
	9:35-10:55	12	
	11:10-12:30	11	
	12:45-14:05	12	
	14:20-15:40	5	
	15:55-17:50	1	
	16:30-19:30	6	
	17:30-19:30	1	

classroom "C" Analysis

Week Day:	Time Slot	Classrooms Needed	Comments
M/W/F	8:00-8:55	1	
	9:10-10:05	2	
	10:20-11:15	2	
	11:30-12:25	4	
	13:50-14:45	3	
	15:00-16:20	2	
	17:30-20:00	1	
	18:00-20:45	1	

Week Day:	Time Slot	Classrooms Needed	Comments
T/R	9:35-10:55	1	
	11:10-12:30	3	
	12:45-14:05	2	
	14:20-15:40	2	

CLASSROOM UTILIZATION

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SUNY Oswego Science Building Classroom Utilization Study

19 Fall Schedule

SUNY Oswego Science Building Classroom Utilization Study

Classroom Analysis

Lecture Hall "1" Analysis

Week Day:	Time Slot	Classrooms Needed	Comments
M/W/F	9:10-10:05	2	
	10:20-11:15	1	
	11:30-12:25	3	
	13:50-14:45	1	
	16:35-17:55	1	

Week Day:	Time Slot	Classrooms Needed	Comments
T/R	9:35-10:55	2	
	11:10-12:30	2	
	12:45-14:05	2	
	14:20-15:40	2	
	15:55-17:15	2	
	17:00-18:30	1	

Lecture Hall "2" Analysis

Week Day:	Time Slot	Classrooms Needed	Comments
M/W/F	9:10-10:05	1	
	10:20-11:15	1	
	13:50-14:45	1	

Week Day:	Time Slot	Classrooms Needed	Comments
T/R	8:00-9:20	1	
	9:35-10:55	1	
	14:20-15:40	1	
	17:30-18:50	1	

Lecture Hall "3" Analysis

Week Day:	Time Slot	Classrooms Needed	Comments
M/W/F	13:50-14:45	1	

Week Day:	Time Slot	Classrooms Needed	Comments
T/R	11:10-12:30	1	

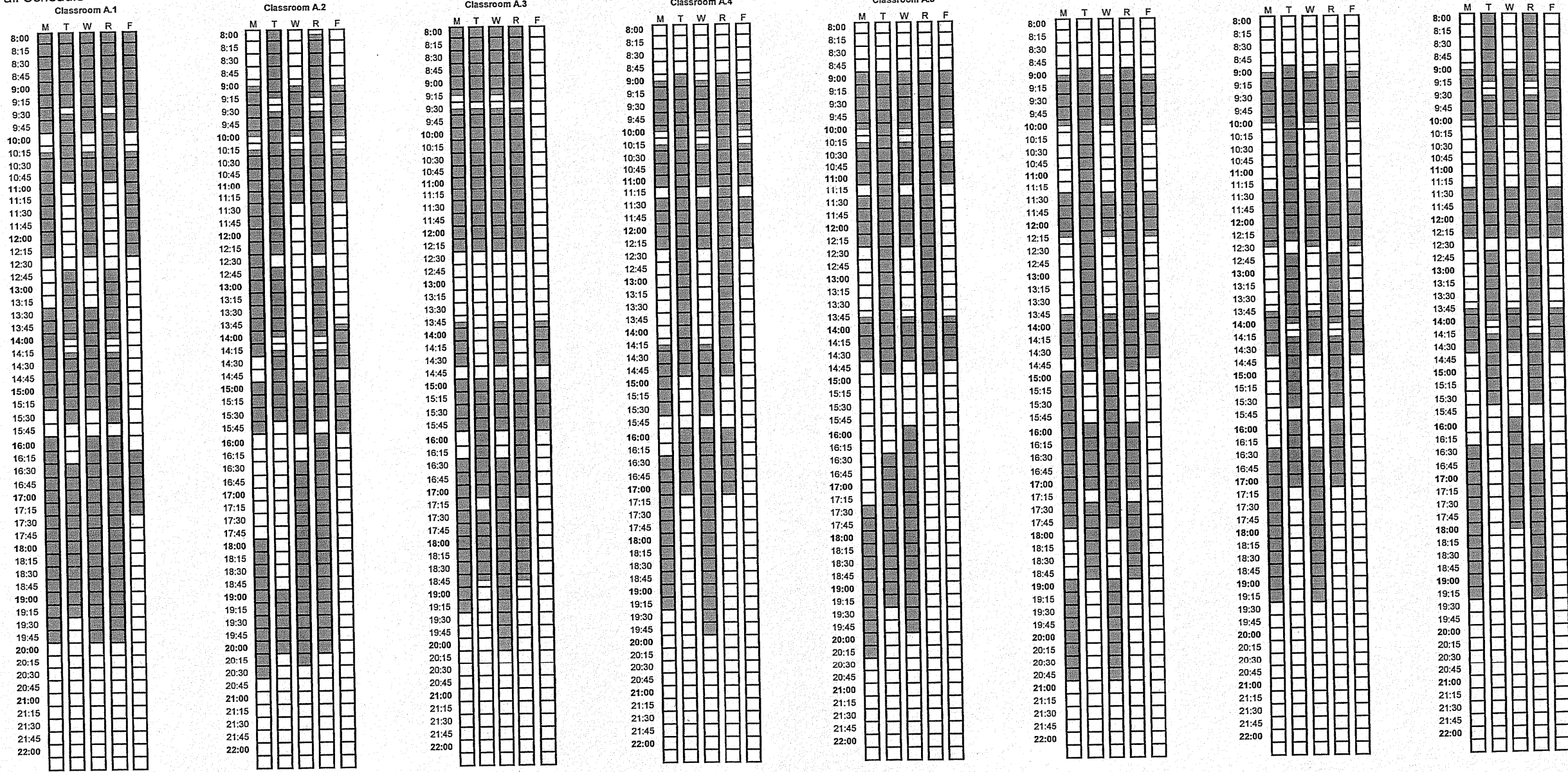
LASSROOM UTILIZATION

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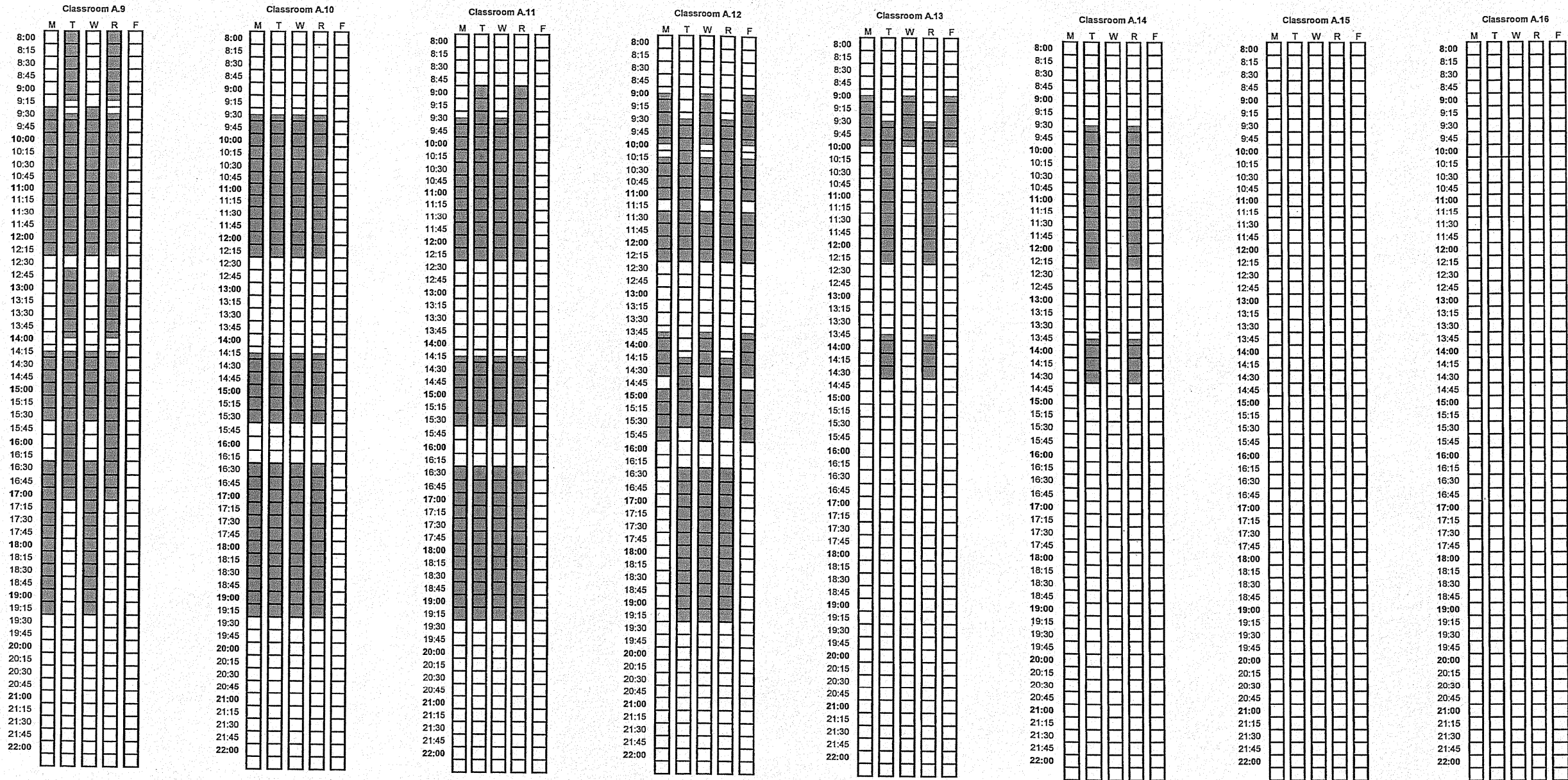
09 Fall Schedule

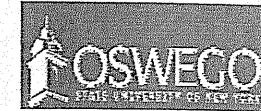




SUNY Oswego Science Building Classroom Utilization Study

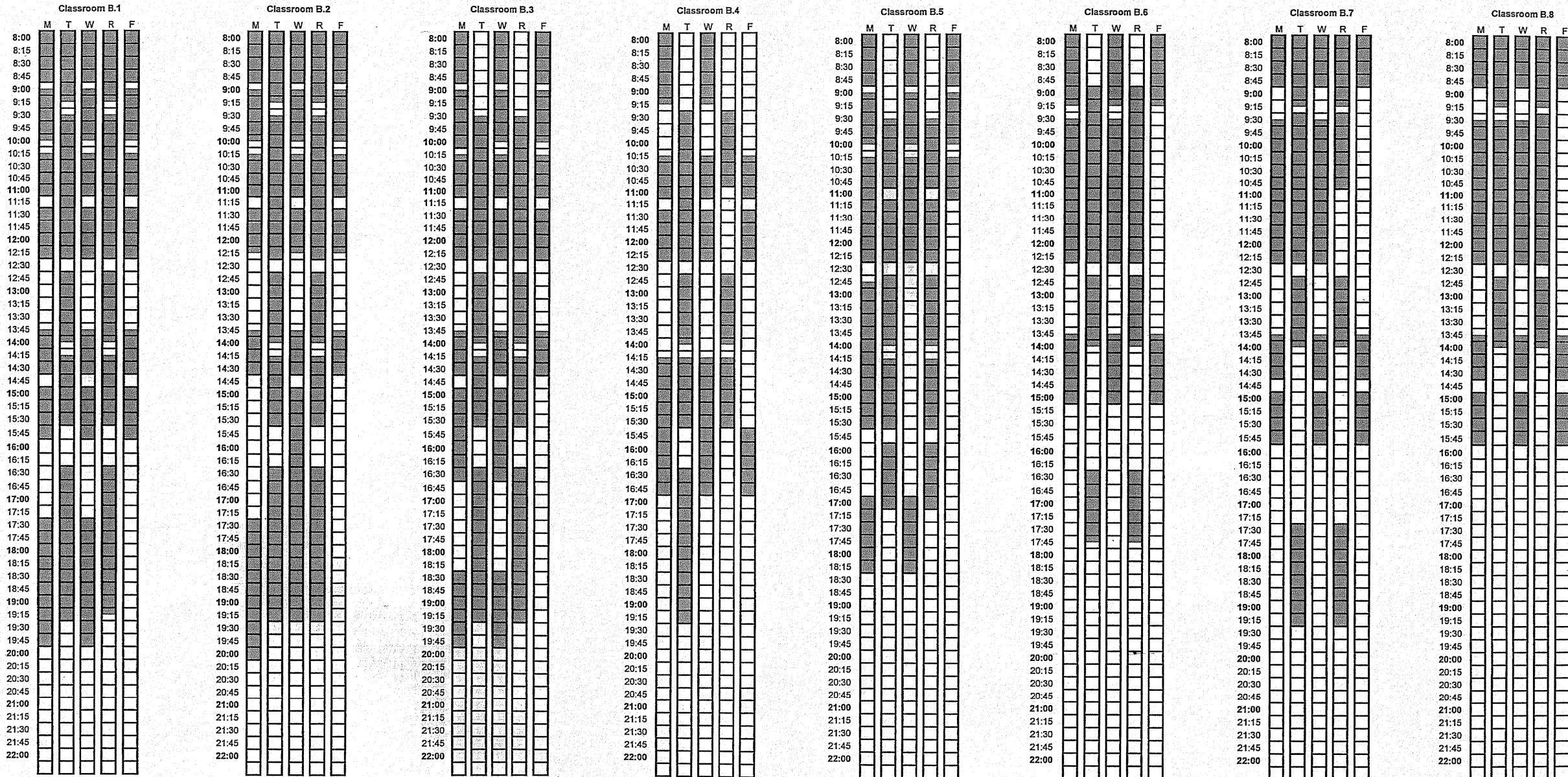
09 Fall Schedule





SUNY Oswego Science Building Classroom Utilization Study

09 Fall Schedule



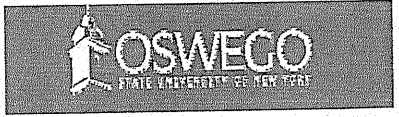
The following report reflects the general classroom and lecture hall needs of the science classes and to what extent these will be met by the classrooms and lecture halls provided in the New Science Building. In this study, Cannon Design reviewed the class schedule for the Fall of 2009. This semester was chosen because it would reflect the most current and most utilized semester in the calendar. This study was conducted in collaboration with the Registrar's Office and the New Science Building Faculty Liaison, Casey Raymond.

In most cases, this shortage can be attributed to a couple of classes that are offered in highly utilized time slots. With minor adjustments to the schedule, these classes will be accommodated in larger, less utilized classrooms, if the desire is to keep the science classes in the New Science Building. In general, greater efficiencies can be obtained with the schedule by utilizing the early morning, mid-day and late afternoon time slots more effectively.

Based on the evaluation of the current schedule the number of classes that would not be accommodated in the New Science Building are as follows:

- Classrooms:**
 Type A (<25 students): shortage of 2 classes (by 12 classes)
 Type B (25-30 students): shortage of 1 class (by 3 classes)
 Type C (31-50 students): no shortage

- Lecture Halls:**
 Type 1 (51-120 students): shortage of 2 classes
 Type 2 (121-150 students): no shortage
 Type 3 (151-225 students): shortage of 1 class (located in Park 305)



SUNY Oswego Science Building Classroom Utilization Study

08/09 Fall Schedule

08/09 Fall Schedule: Summary

Capacity	Classroom Type	Offered in New Science	Classrooms Needed	Variance
<= 24	A	3	5	-2
25 - 30	B	10	11	-1
31 - 50	C	3	3	0
51 - 120	1	1	3	-2
121 - 150	2	1	1	0
151 - 225	3	0	1	-1

Park 305



SUNY Oswego Science Building Classroom Utilization Study

08/09 Fall Schedule
Classroom Analysis

Classroom "A" Analysis

Week Day:	Time Slot	Classrooms Needed
M/W/F	8:00-8:55	1
	9:10-10:55	5
	10:20-11:15	4
	11:30-12:22	4
	13:50-14:45	5
	15:00-16:20	2
	16:20-22:20	4

Week Day:	Time Slot	Classrooms Needed
T/R	8:00-9:20	3
	9:35-10:55	4
	11:10-12:30	5
	12:45-14:05	3
	14:20-15:40	4
	15:55-17:15	4
	17:30-18:55	2
	19:00-20:20	1

Classroom "B" Analysis

Week Day:	Time Slot	Classrooms Needed
M/W/F	8:00-8:55	8
	9:10-10:05	8
	9:55-11:15	1
	10:20-11:15	10
	11:30-12:25	8
	13:50-14:45	11
	15:00-15:55	10
	17:00-18:20	1
	18:30-19:50	1

Week Day:	Time Slot	Classrooms Needed
T/R	8:00-9:20	5
	8:55-10:55	1
	9:35-10:55	9
	11:10-12:30	10
	12:45-14:05	9
	14:20-15:40	3
	15:55-17:50	2
	17:30-19:30	1

Classroom "C" Analysis

Week Day:	Time Slot	Classrooms Needed
M/W/F	8:00-8:55	1
	9:10-10:05	1
	10:20-11:15	1
	11:30-12:25	3
	13:50-14:45	2
	15:00-16:20	1

Week Day:	Time Slot	Classrooms Needed
T/R	9:35-10:55	1
	11:10-12:30	3
	14:20-15:40	2



SUNY Oswego Science Building Classroom Utilization Study

08/09 Fall Schedule

Lecture Hall Analysis Analysis

Lecture Hall "1" Analysis

Week Day:	Time Slot	Classrooms Needed
M/W/F	9:10-10:05	2
	10:20-11:15	1
	11:30-12:25	3
	13:50-14:45	1
	15:00-16:20	1
	16:35-17:55	1

Week Day:	Time Slot	Classrooms Needed
T/R	9:35-10:55	2
	11:10-12:30	2
	12:45-14:005	2
	14:20-15:40	2
	15:55-17:15	2
	17:00-18:30	1

Lecture Hall "2" Analysis

Week Day:	Time Slot	Classrooms Needed
M/W/F	9:10-10:05	1
	10:20-11:15	1
	13:50-14:45	1

Week Day:	Time Slot	Classrooms Needed
T/R	8:00-9:20	1
	9:35-10:55	1
	14:20-15:40	1
	17:30-18:50	1

Lecture Hall "3" Analysis

Week Day:	Time Slot	Classrooms Needed
M/W/F	13:50-14:45	1

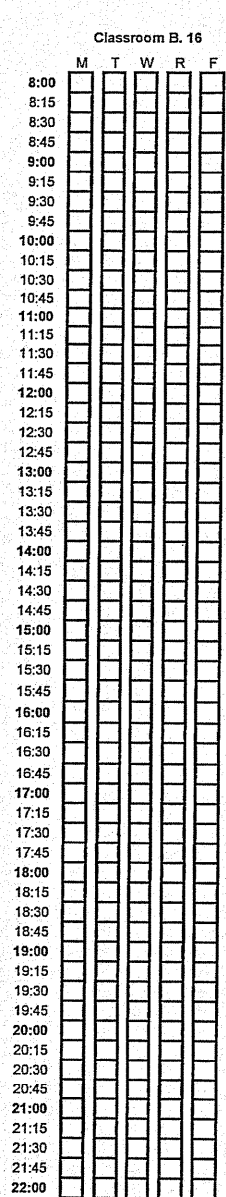
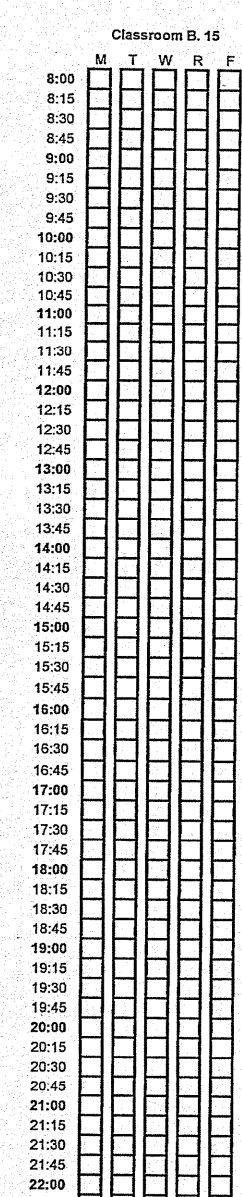
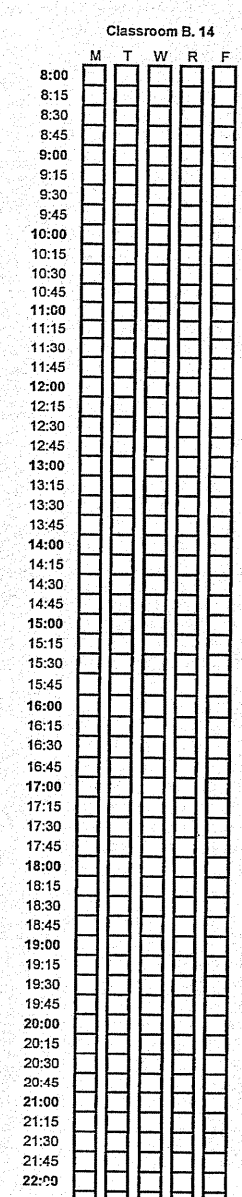
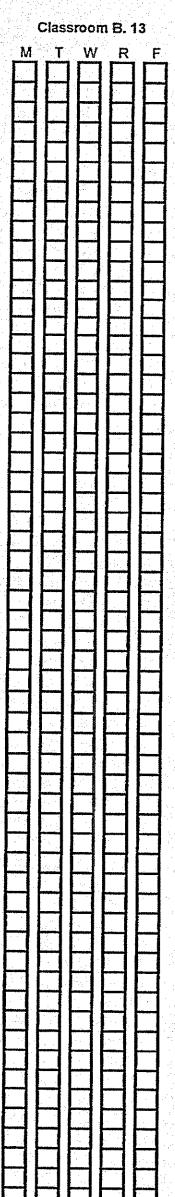
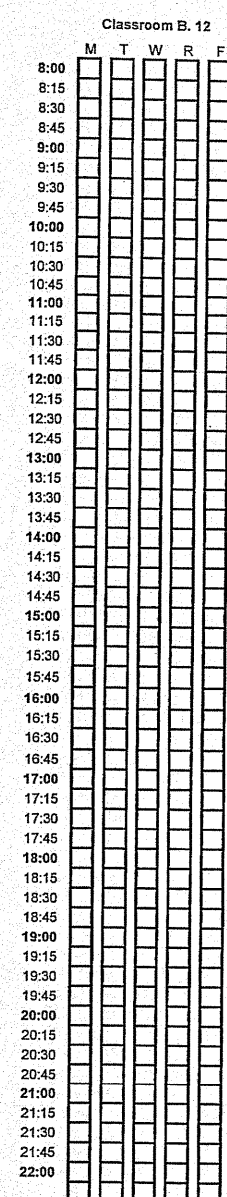
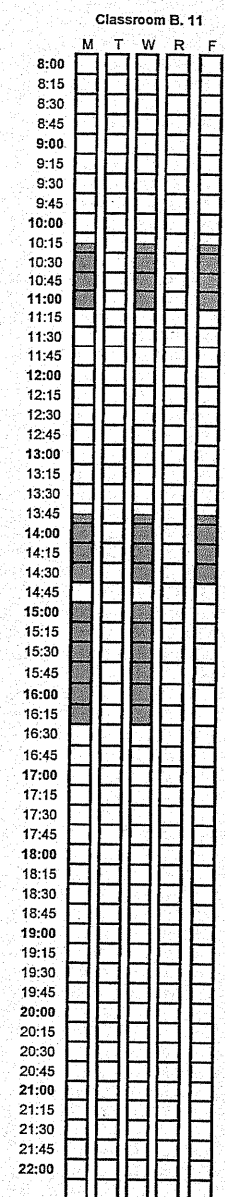
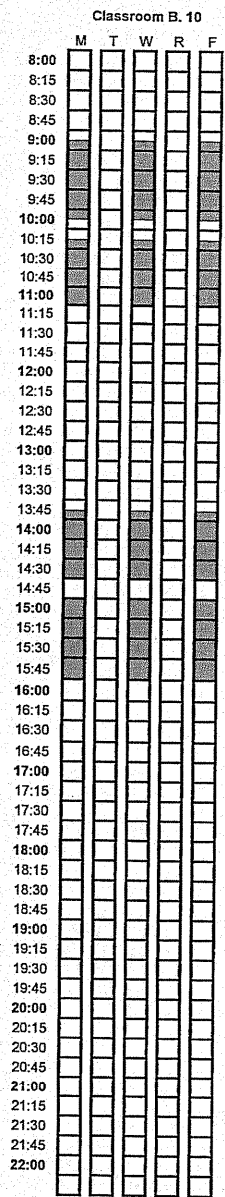
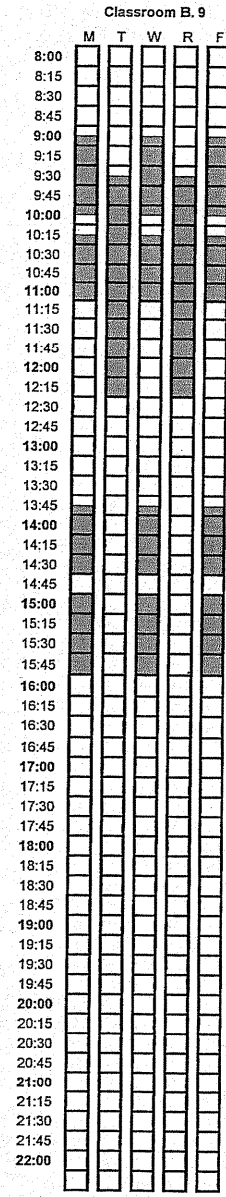
Week Day:	Time Slot	Classrooms Needed
T/R	11:10-12:30	1

CLASSROOM UTILIZATION



SUNY Oswego Science Building Classroom Utilization Study

08/09 Fall Schedule





SUNY Oswego Science Building Classroom Utilization Study

08/09 Fall Schedule

