

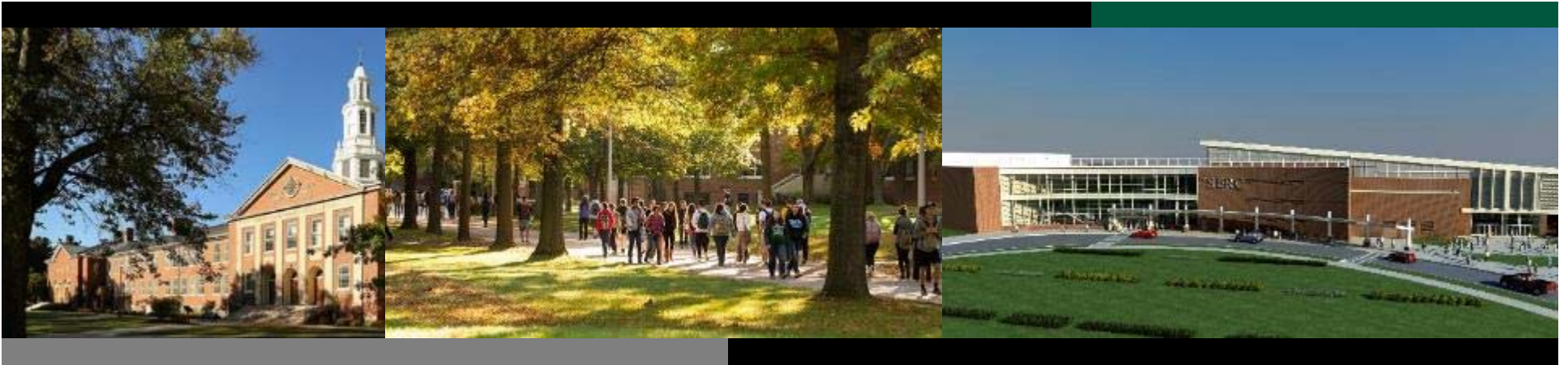


The College at  
**BROCKPORT**  
STATE UNIVERSITY OF NEW YORK

# Planning Study: "Space and Where the College is Now"

Final Presentation

26 July 2018

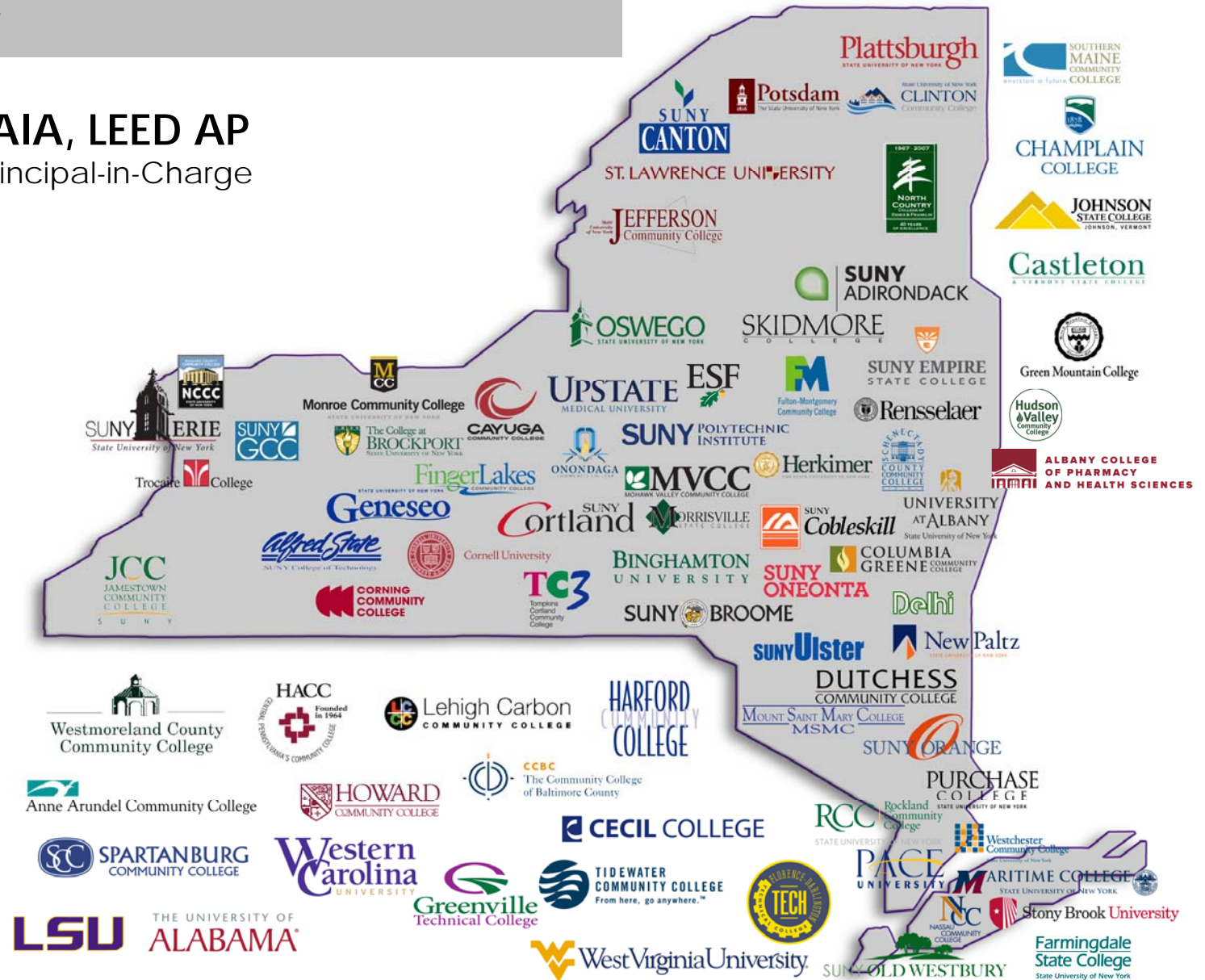


The College at  
**BROCKPORT**  
STATE UNIVERSITY OF NEW YORK

 Architects and  
Planners, P.C.

# Introductions

**Jean Stark, AIA, LEED AP**  
Vice-President, Principal-in-Charge



## Project Goals

Evaluate Current Space Use

Project Space Needs through 2028

Develop Strategies to 'Defrag' the Campus

Strategies to Optimize Campus Resources (30,000' View)

Identify Next Steps to Prioritize Facility Projects and Facilitate Program Growth and/or Realignment

## Process

Enrollment Trends Analysis

Instructional Space Utilization Study

College-Wide Office Space Assessment

On-Campus Interviews

Space Projections & Space Program

Concepts for Space Realignments

Final Presentation: Recommendations

Report



# Results / Recommendations



The College at  
**BROCKPORT**  
STATE UNIVERSITY OF NEW YORK



Architects and  
Planners, P.C.



## Study Conclusions

Larger classrooms needed to accommodate increasing section sizes (in right-sized spaces)

Convert underutilized teaching labs to create in-demand labs

Access to additional computer classrooms was requested

Office space needed by some departments; inappropriately assigned in other areas

Informal gathering/collaborative space is needed

Additional meeting and storage space is desired

Accessibility improvements needed campus-wide

## Space Needs by Space Type

Space Need by Space Type	Existing NASF Fall 2018	Current Need Fall 2018 NASF	Projected NASF Fall 2023	Projected NASF Fall 2028	Delta 2017 to 2028	% Delta 2018 to 2028
Classroom Facilities (100 Series)	90,287	93,002	97,283	98,689	(8,402)	-9.3%
Laboratory Facilities (200 Series)	170,884	186,403	191,403	193,333	(22,449)	-13.1%
Office Facilities (300 Series)	269,113	260,984	264,541	266,281	2,832	1.1%
Study Facilities (400 Series)	79,235	79,235	79,235	79,235	0	0.0%
Special Use Facilities (500 Series)	305,200	300,683	302,783	302,783	2,417	0.8%
General Use Facilities (600 Series)	137,747	140,769	140,593	140,593	(2,846)	-2.1%
Support Facilities (700 Series)	141,969	145,149	145,149	145,149	(3,180)	-2.2%
Health Care Facilities (800 Series)	2,237	2,237	2,237	2,237	0	0.0%
Residential Facilities (900 Series)	466,931	466,931	466,931	466,931	0	0.0%
Unassigned Space	10,645	0	0	0	10,645	100.0%
	1,674,248	1,675,393	1,690,154	1,695,231	(20,983)	-1.3%

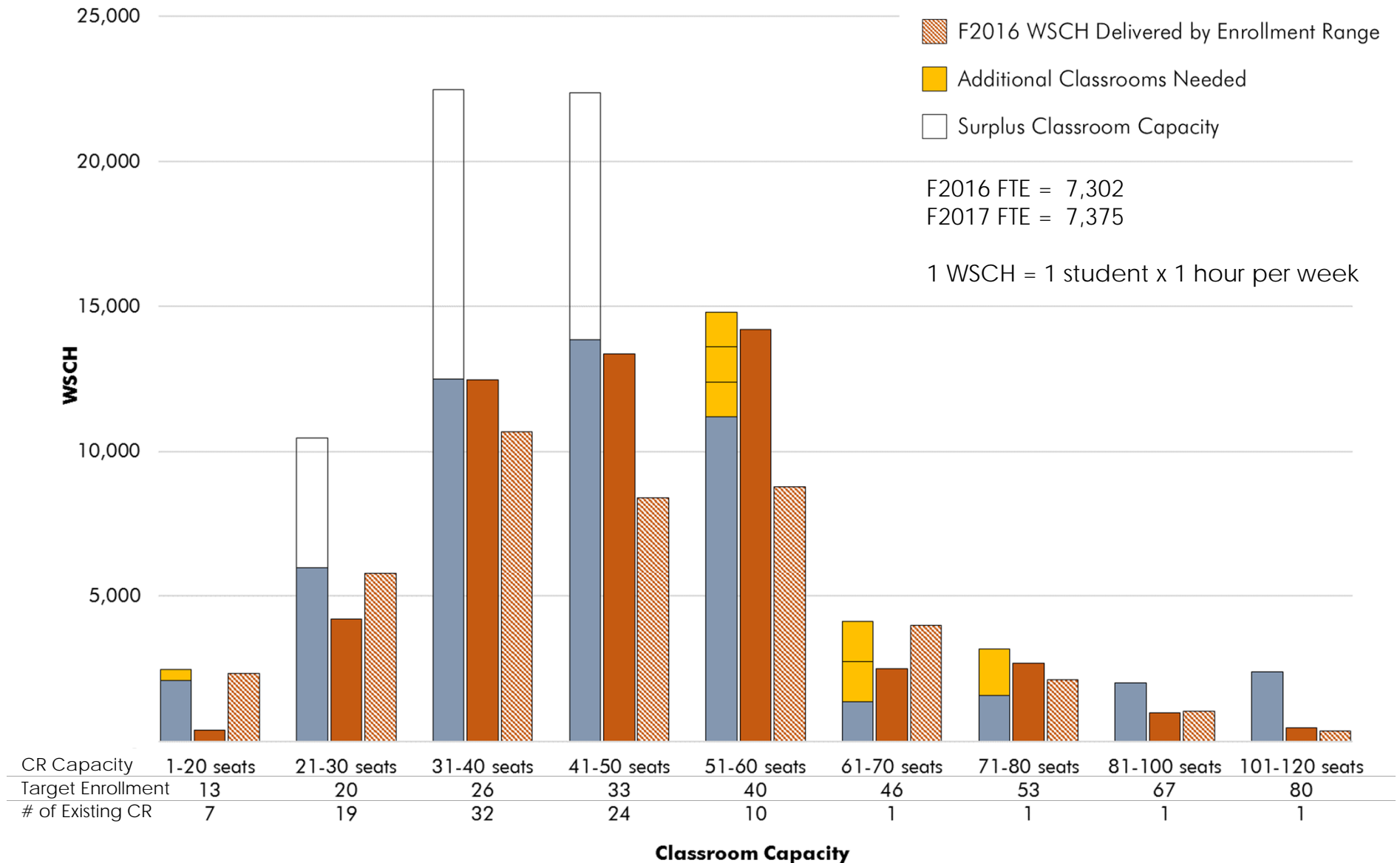
- Overall 1.3% space deficit
- Not all space is fungible

## Space Needs by School/Group

Space Need by School/Group	Existing NASF Fall 2018	Current Need Fall 2018 NASF	Projected NASF Fall 2023	Projected NASF Fall 2028	Delta 2017 to 2028	% Delta 2018 to 2028
Academic Affairs	151,822	148,024	148,384	148,624	3,198	2.1%
General Instruction	90,287	93,002	97,283	98,689	(8,402)	-9.3%
School of Business and Management	10,907	16,222	16,857	16,857	(5,950)	-54.5%
School of Education, Health, and Human Services	259,647	255,184	257,584	258,184	1,463	0.6%
School of Arts and Sciences	245,236	252,576	258,416	261,246	(16,010)	-6.5%
Administration and Finance	178,758	182,637	182,957	182,957	(4,199)	-2.3%
Advancement	5,077	5,472	5,952	5,952	(875)	-17.2%
College Communications	2,437	3,042	3,042	3,042	(605)	-24.8%
Child/Day Care	19,298	19,580	19,580	19,580	(282)	-1.5%
Enrollment Management and Student Affairs	689,412	688,812	689,258	689,258	154	0.0%
Office of the President	10,722	10,842	10,842	10,842	(120)	-1.1%
Unassigned Space	10,645	0	0	0	10,645	100.0%
	1,674,248	1,675,393	1,690,154	1,695,231	(20,983)	-1.3%



# Classroom Space Needs (Fall 2016)



Existing Classroom WSCH Capacity

WSCH Demand if Course Caps were Met

F2016 WSCH Delivered by Enrollment Range

Additional Classrooms Needed

Surplus Classroom Capacity

F2016 FTE = 7,302

F2017 FTE = 7,375

1 WSCH = 1 student x 1 hour per week

# Create Larger Classrooms



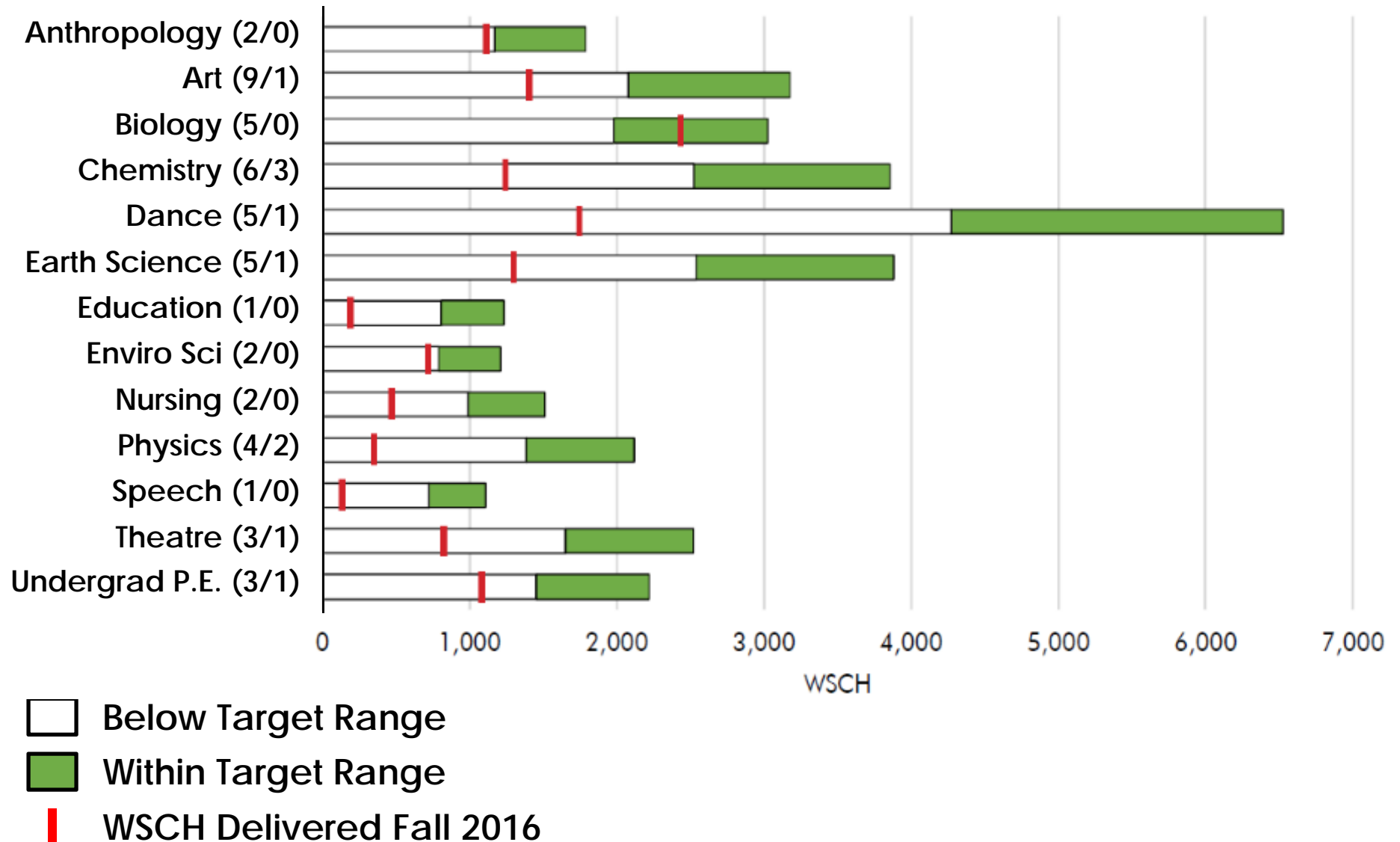
**Holmes Hall  
First Floor**



**Holmes Hall  
Second Floor**



## Teaching Lab Space Needs (Fall 2016)

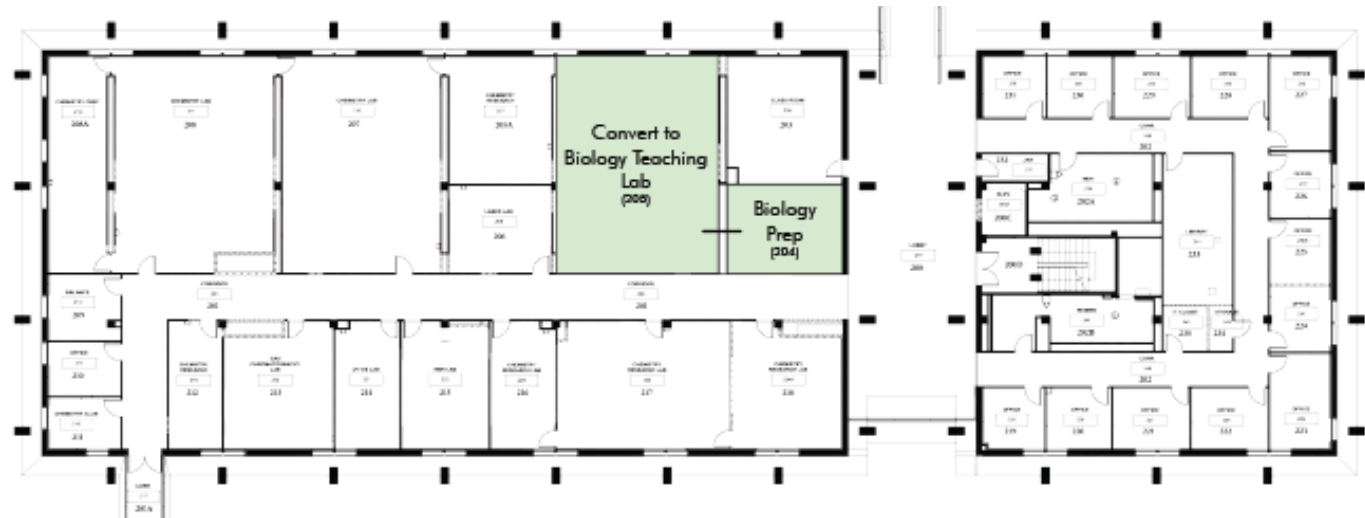




# Smith Hall Ground Floor



# Smith Hall Second Floor



## Office Space Needs

School or Group	Embedded Surplus (NASF)	Recoverable Surplus (NASF)
School of Business and Management	746	
School of Education, Health, and Human Services	1,325	1,322
School of Arts and Sciences	4,480	4,557
Advancement	213	
Communications	87	
Academic Affairs	517	4,165
Administration & Finance	1,551	1,783
Child-Day Care		
President	76	
EMSA	863	2,214
<b>Total</b>	<b>9,858</b>	<b>14,041</b>

## Recommended Studies

Tuttle/SERC Complex

Holmes Hall

Seymour Union

Edwards Hall

Drake Memorial Library

Dailey Hall

Hartwell Hall

Lennon Hall





*Data that led to these conclusions...*

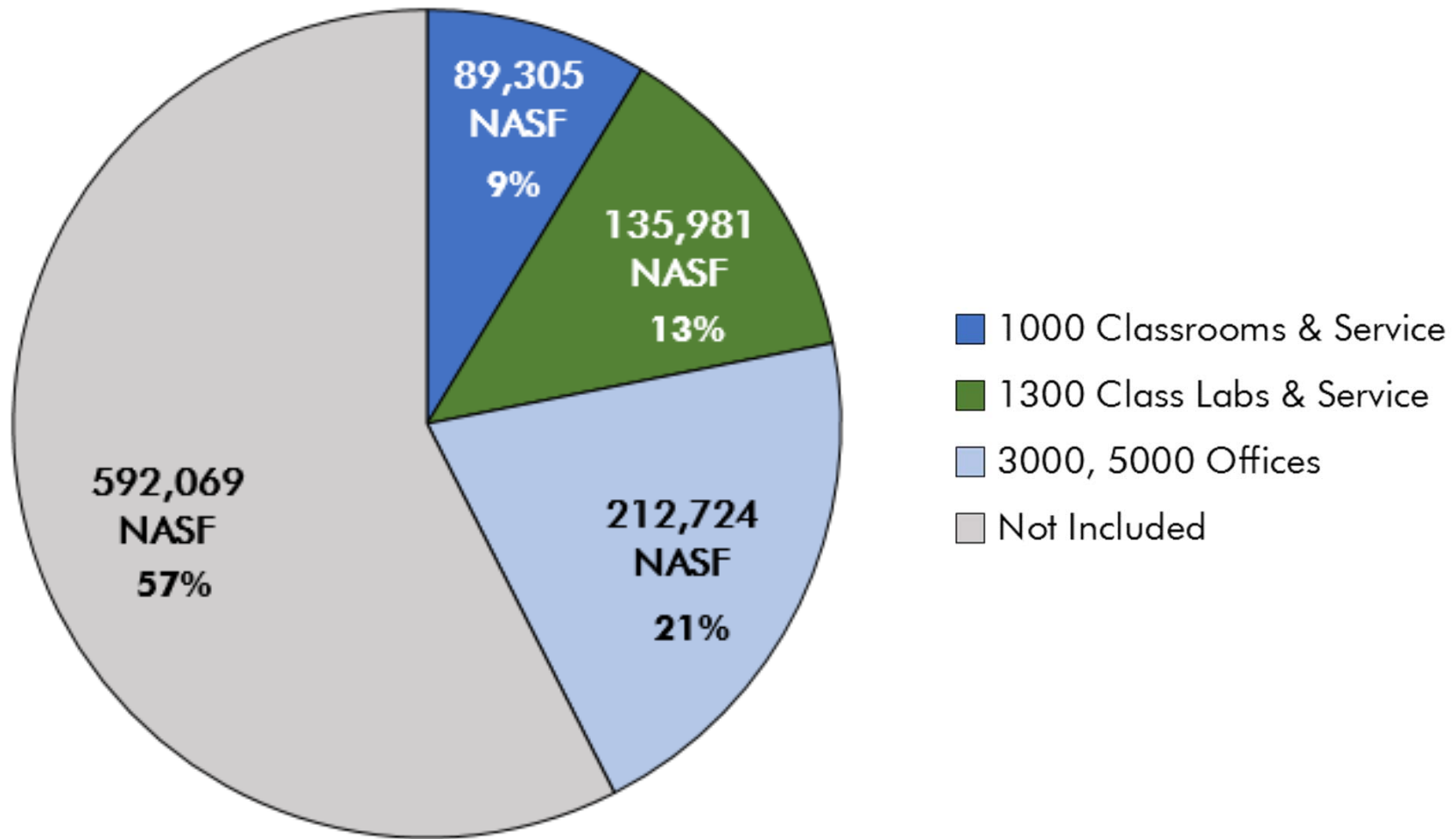


The College at  
**BROCKPORT**  
STATE UNIVERSITY OF NEW YORK



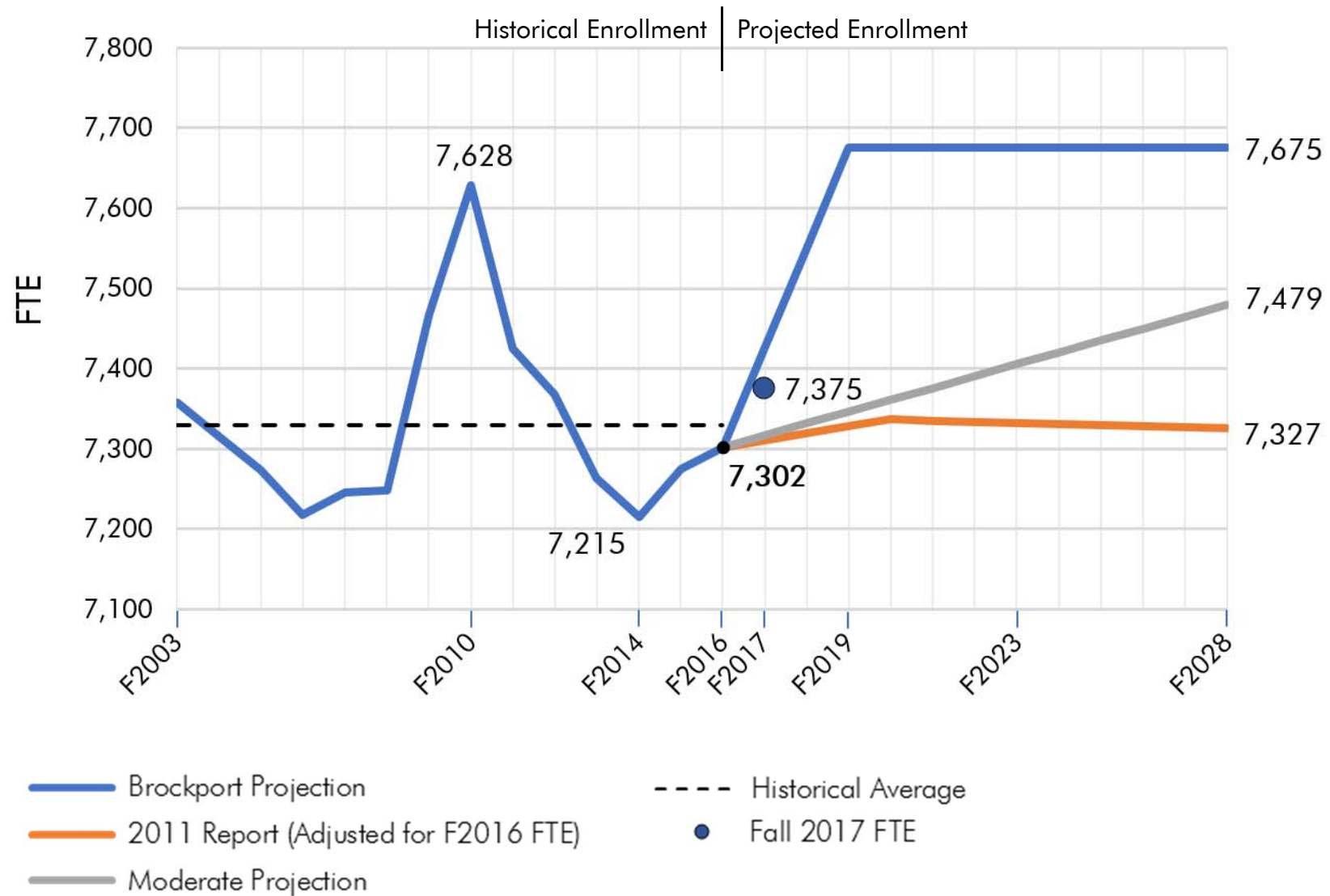
Architects and  
Planners, P.C.

## Total Campus NASF included in the Study



DATA SOURCE: SUNY Brockport PSI 2018

# Enrollment History and Projections





## Space Utilization Target Criteria

			40-Hour Week
Room Type	Station Size	Seat Utilization Target	Hourly Utilization Target
Classroom	20-25 ASF	67% (SUNY-80%)	30 hours
Teaching Lab	Varies by Discipline	80%	24 hours

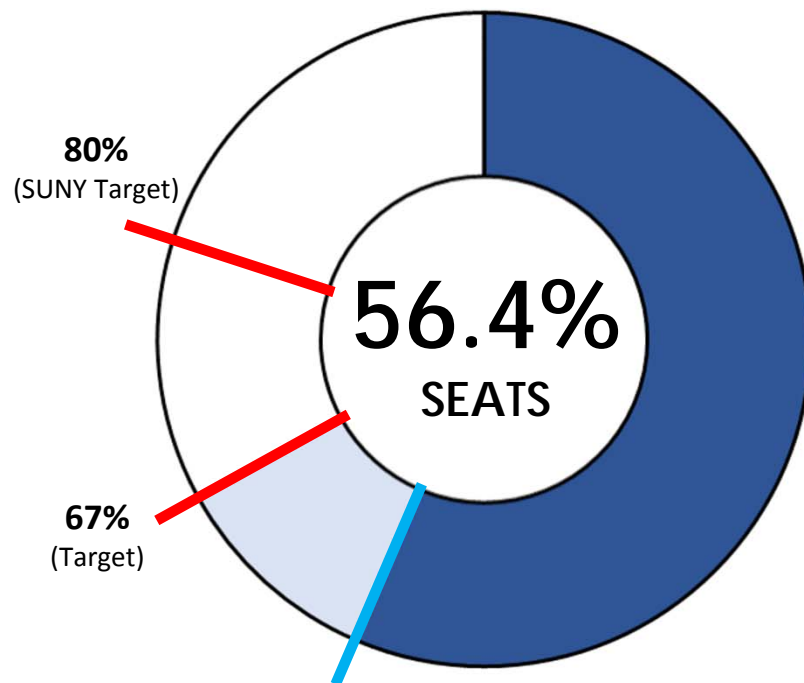
Target Ranges	Seat Range	Hourly Range
Classroom	62% to 77%	28 to 34 hours
Teaching Lab	75% to 90%	22 to 28 hours

# Campus-wide Seat Utilization

■ ■ F2016 Seats Used (averaged)  
■ ■ F2016 Seats to Reach Target

## Classroom Average

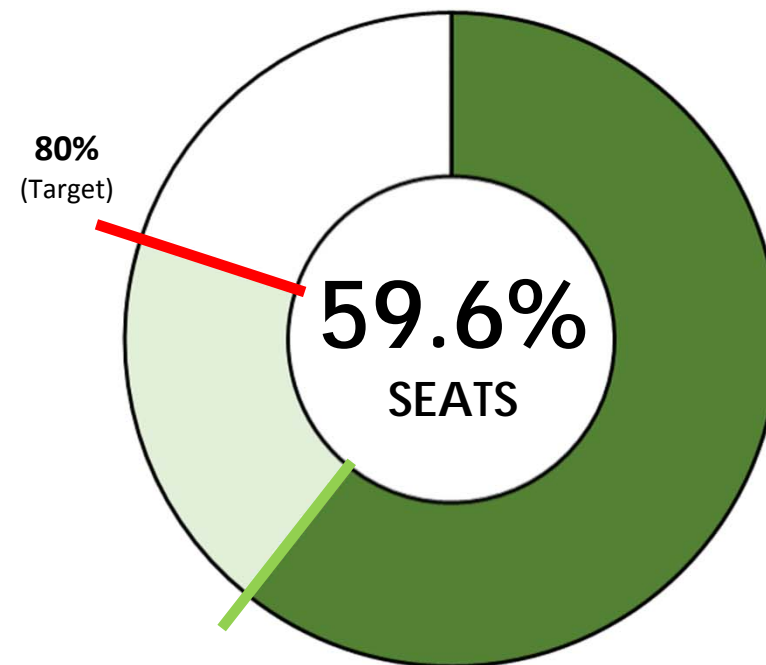
(1001, 1100)



*2011 Report: 55%*





## Lab Average

(1300, 1301)



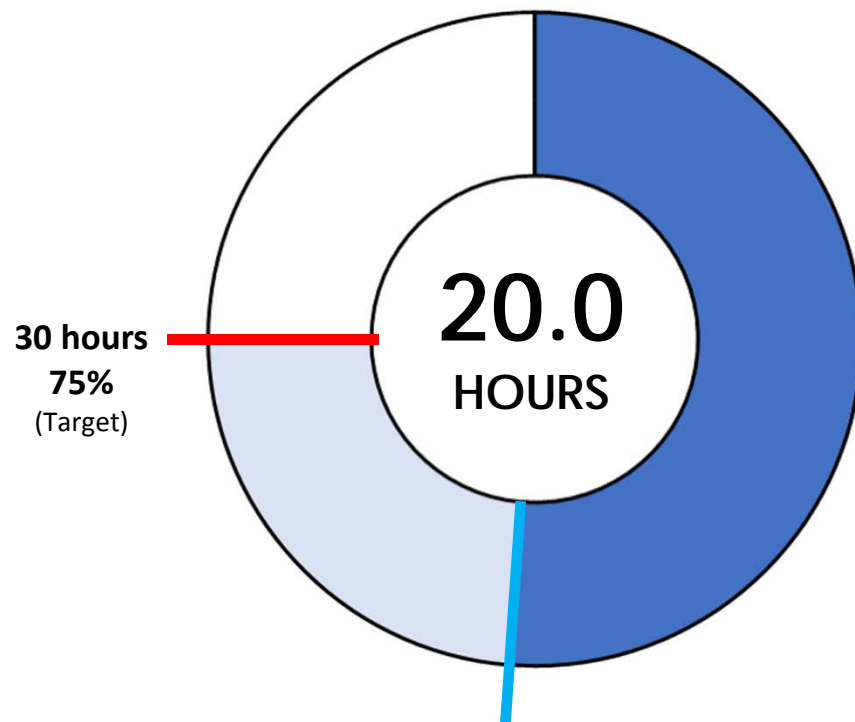
*2011 Report: 49%*

# Campus-wide Hourly Utilization

  F2016 Hours Used (averaged)  
  F2016 Hours to Reach Target

## Classroom Average

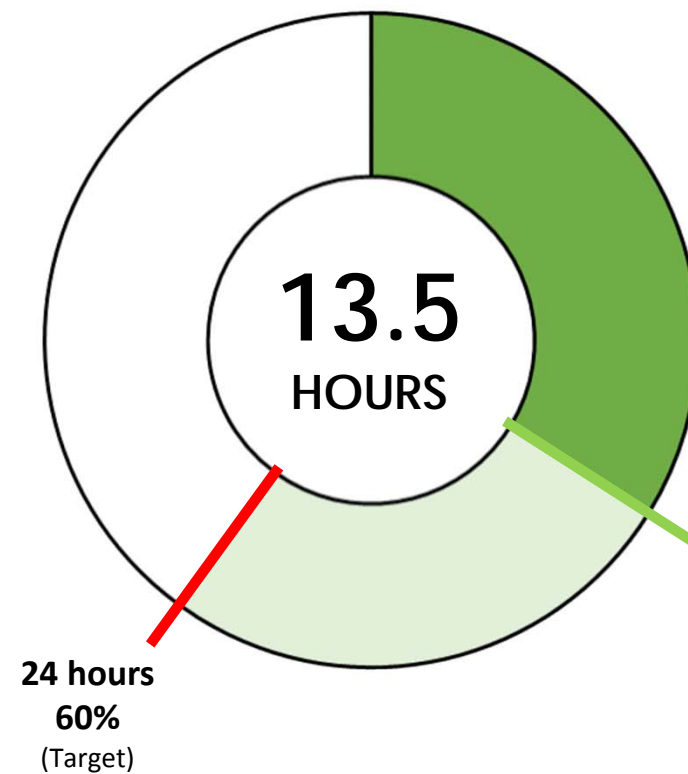
(1001, 1100)



2011 Report: 24.4

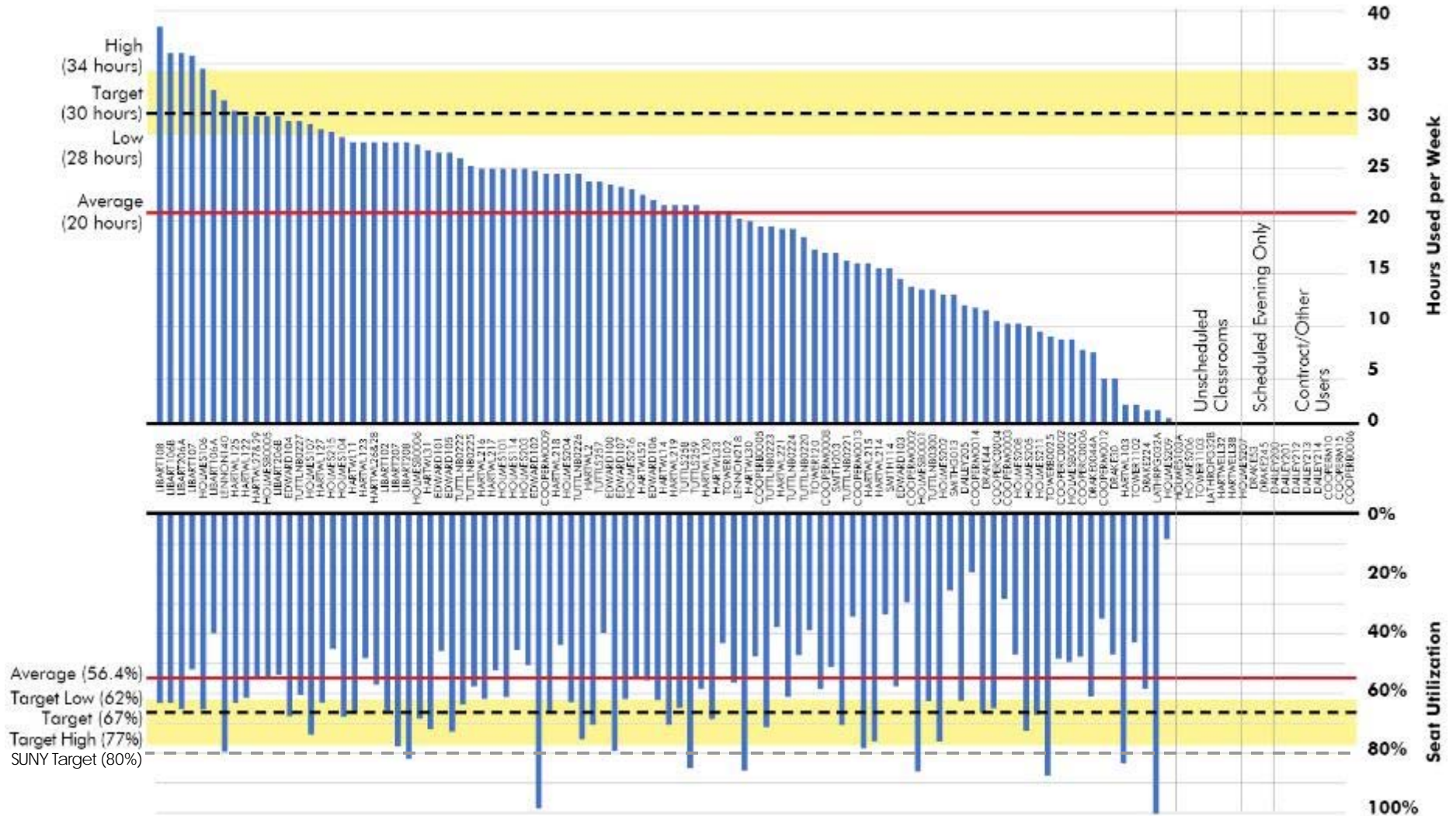
## Lab Average

(1300, 1301)



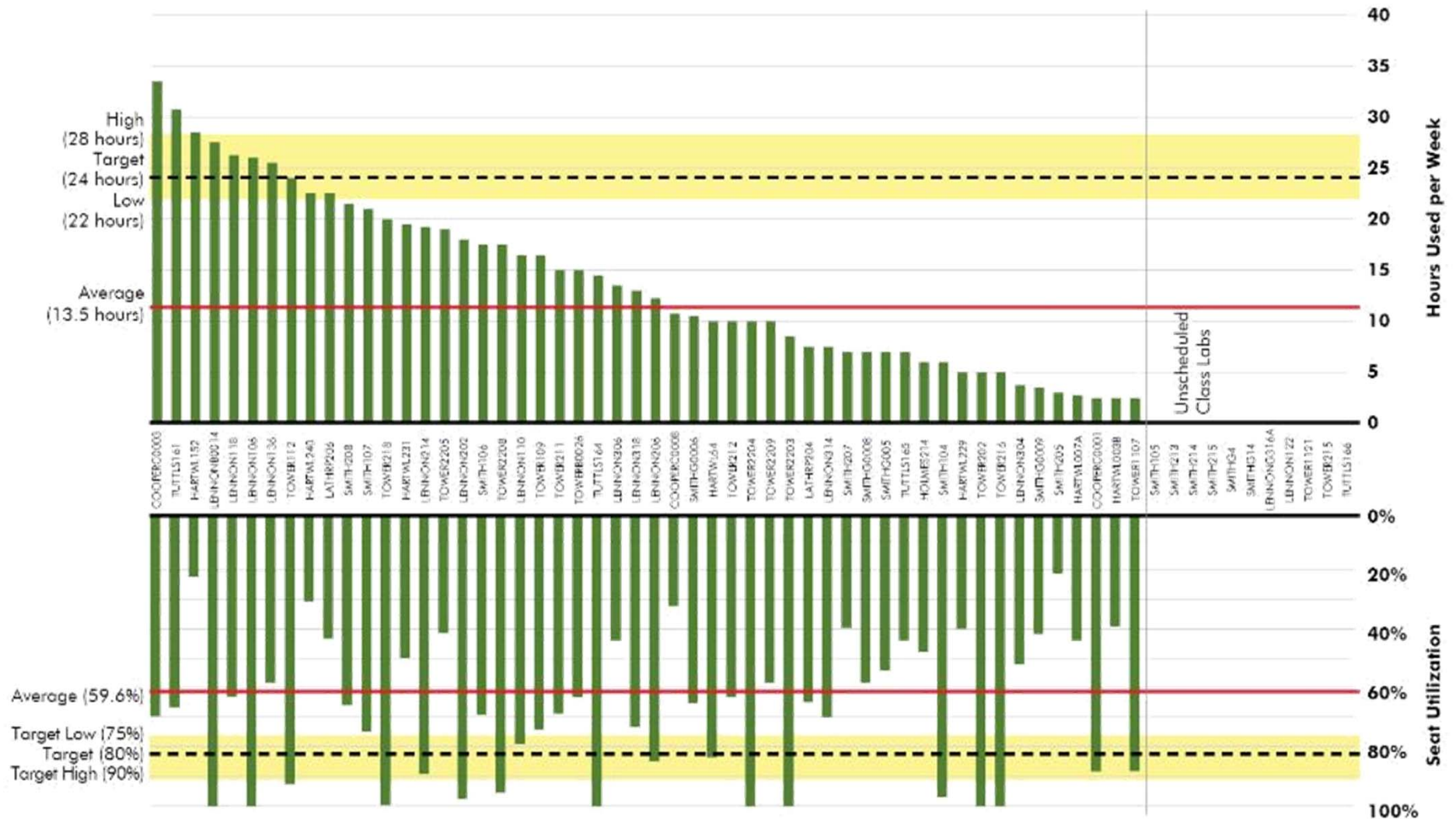
2011 Report: 8.8 hours

# Classroom Utilization

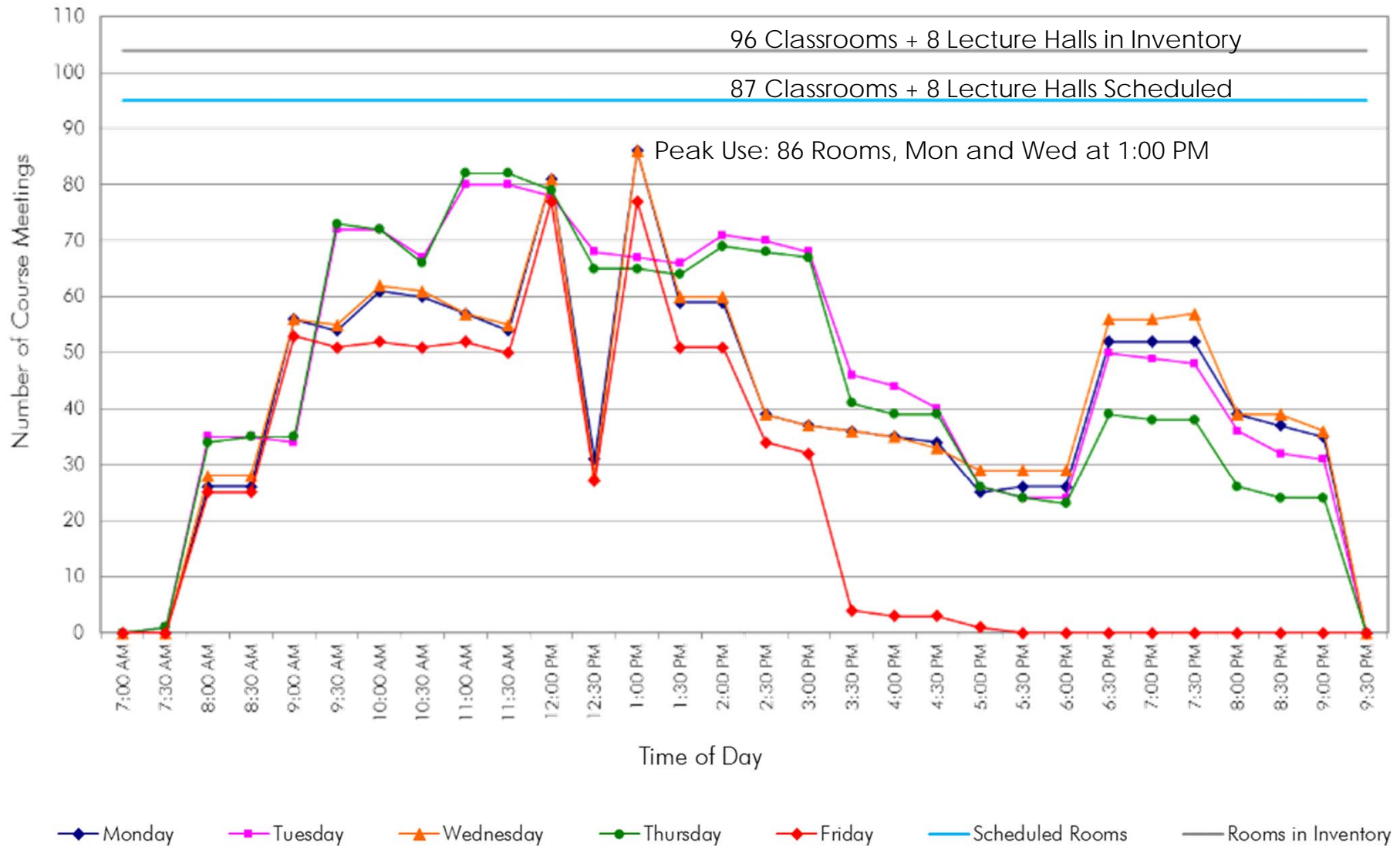




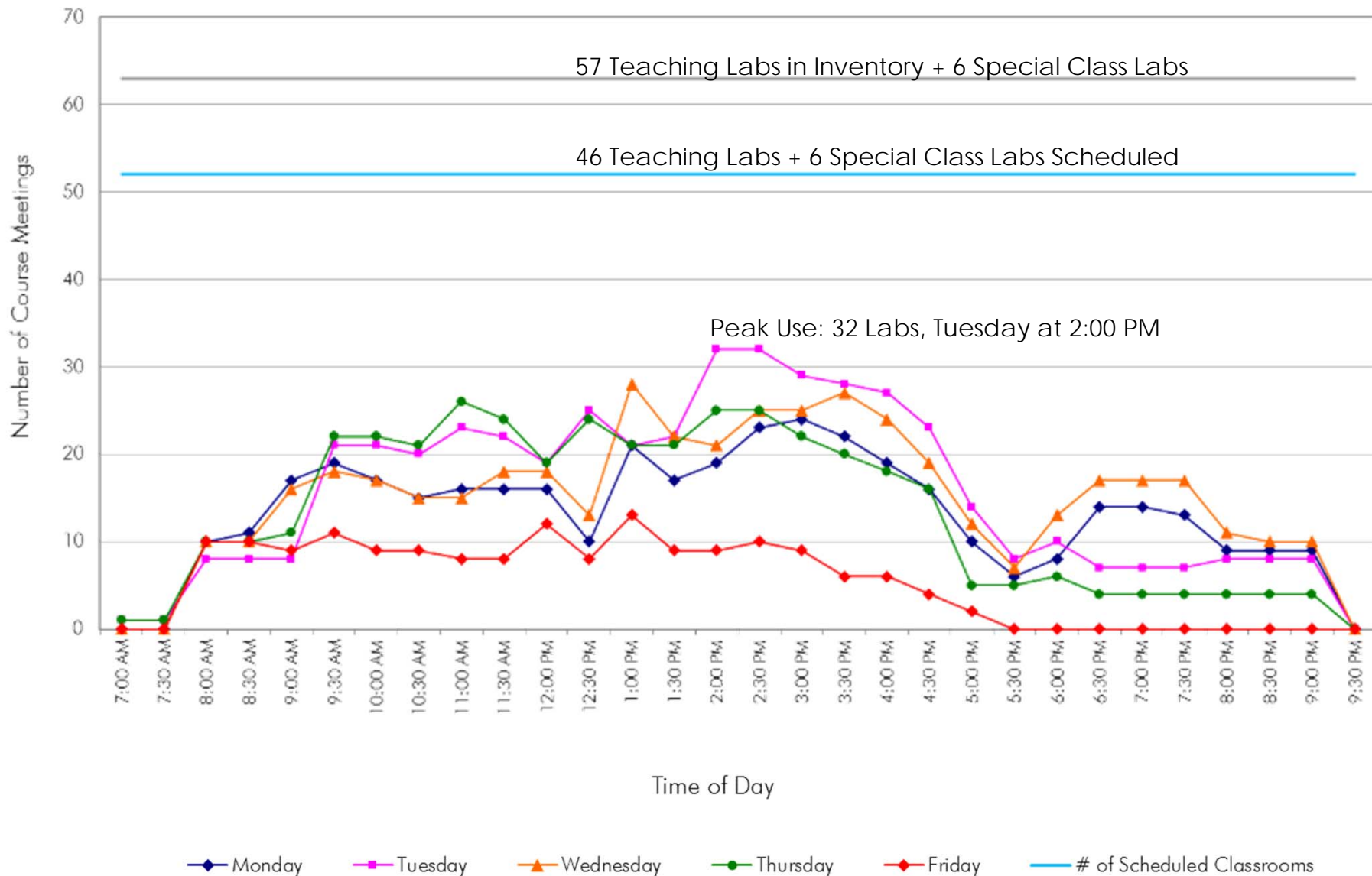
# Class Lab Utilization



# Classroom Meetings by Time of Day



# Lab Meetings by Time of Day



# Fall 2016 Classroom & Lecture Hall Capacity/Enrollment Alignment

1011, 1100 Daytime, Study Week										
Capacity Range	Number of Rooms in Inventory	Number of Rooms Scheduled	Percent of Inventory Scheduled	Mtgs per Week	Met Seat Range	Percent of Scheduled Met Seat Range	Met Hourly Range	Percent of Scheduled Met Hourly Range	Met Both	Percent of Scheduled Met Both
Up to 20	7	3	43%	27	2	67%	0	0%	0	0%
21-30	19	16	84%	235	11	69%	2	13%	2	13%
31-40	33	32	97%	549	19	59%	5	16%	4	13%
41-50	24	23	96%	405	8	35%	4	17%	1	4%
51-60	10	10	100%	223	4	40%	3	30%	2	20%
61-70	1	1	100%	16	0	0%	0	0%	0	0%
71-80	1	1	100%	26	1	100%	1	100%	1	100%
81-100	3	3	100%	58	0	0%	1	33%	0	0%
101-200	5	5	100%	86	1	20%	1	20%	1	20%
400+	1	1	100%	20	0	0%	0	0%	0	0%
<b>Total</b>	<b>104</b>	<b>95</b>	<b>91%</b>	<b>1,645</b>	<b>46</b>	<b>48%</b>	<b>17</b>	<b>18%</b>	<b>11</b>	<b>12%</b>

Seat Range 62% or more

Hourly Range 28 hours or more



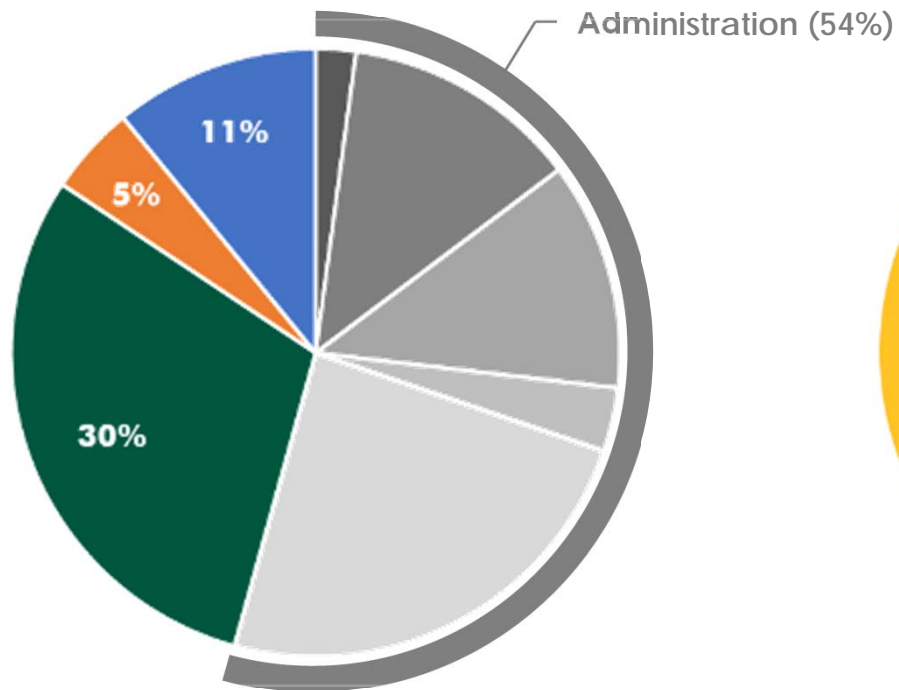
# Utilization Table

	Within 5% below to 10% above target
	More than 10% above target
	Did not meet target range
	Not evaluated due to room type

Building	Space Code	Room Type	Room Number	Department	Room Name	Area (NSF)	Seats	Seat Utilization %	Hours Used
COOPER	1001	CLASSROOM	COOPERB0005	INSTRUCTION GENERAL	CLRM	1,020	49	47.6%	19.5
			COOPERC0002	INSTRUCTION GENERAL	CLRM	1,275	49	48.3%	8.8
			COOPERC0004	INSTRUCTION GENERAL	SEMINAR RM	990	40	65.0%	10.5
			COOPERC0006	EDUCATION AND HUMAN DEVELOPMENT	EDI CLRM	990	49	47.8%	7.8
			COOPERM0002	INSTRUCTION GENERAL	CLRM	679	42	29.6%	13.8
			COOPERM0003	INSTRUCTION GENERAL	CLRM	539	33	28.4%	10.3
			COOPERM0008	THREE-YEAR BACCALAUREATE PROGRAM	DELTA COLLEGE	671	41	58.5%	17.0
			COOPERM0009	THREE-YEAR BACCALAUREATE PROGRAM	DELTA COLLEGE	671	20	98.6%	24.5
			COOPERM0012	EDUCATION AND HUMAN DEVELOPMENT	EDI CLRM	784	40	35.0%	5.0
			COOPERM0013	MIGRANT EDUCATION PROGRAM	MIGRANT ED	653	40	34.3%	16.0
			COOPERM0014	INSTRUCTION GENERAL	CLRM	653	40	19.5%	11.8
		CLASSROOM Total						47.3%	
	1300	CLASS LAB	COOPERC0001	ANTHROPOLOGY	ANTHRO. LAB	960	26	88.5%	2.5
			COOPERC0003	ANTHROPOLOGY	ANTHRO. CLRM.	1,147	45	69.7%	33.5
			COOPERC0008	EDUCATION AND HUMAN DEVELOPMENT	EDU LAB	1,155	49	32.2%	10.8
		CLASS LAB Total						64.9%	
	1304	TUTORIAL LAB DRY	COOPERB0008L	LEARNING SKILLS	STU LEARNING CTR	755	30	91.7%	2.0
			COOPERM0001	EDUCATION AND HUMAN DEVELOPMENT	EDI COMP RM	693	20	27.5%	4.5
			TUTORIAL LAB DRY Total						55.0%
	1600	PE CLASS ACTIVITY	COOPERD0012	HEALTH EDUCATION	HEALTH SCI GYM	4,850	40	84.2%	9.0
		PE CLASS ACTIVITY Total						84.2%	
DAILEY	1001	CLASSROOM	DAILEY205	COMPUTER SCIENCE	CLRM	1,328	41	62.5%	12.0
		CLASSROOM Total						62.5%	
DRAKE	1001	CLASSROOM	DRAKE0044A	INSTRUCTION GENERAL	SMART CLRM	875	32	60.9%	7.5
			DRAKE224	INSTRUCTION GENERAL	CLRM	430	12	58.3%	2.0
			DRAKE30	INSTRUCTION GENERAL	SMART CLRM	940	32	46.9%	5.0
			DRAKE44	INSTRUCTION GENERAL	SMART CLRM	3,740	40	66.6%	11.5
			CLASSROOM Total					60.9%	
EDWARD	1001	CLASSROOM	EDWARD101	INSTRUCTION GENERAL	CLRM	765	48	72.0%	26.5
			EDWARD102	INSTRUCTION GENERAL	CLRM	765	48	50.6%	24.8
			EDWARD107	INSTRUCTION GENERAL	WESTNET CLSRM	770	30	79.2%	23.3
			CLASSROOM Total					65.8%	
	1100	LECTURE HALL	EDWARD100	INSTRUCTION GENERAL	BLUE RM	4,676	452	39.8%	23.5
			EDWARD103	INSTRUCTION GENERAL	GOLD RM	2,891	193	57.6%	14.5
			EDWARD104	INSTRUCTION GENERAL	GREEN RM	1,483	100	53.8%	29.5
			EDWARD105	INSTRUCTION GENERAL	BRONZE RM	1,483	100	45.8%	26.5
			EDWARD106	INSTRUCTION GENERAL	RED RM	2,891	192	55.6%	22.0
			LECTURE HALL Total					47.3%	
	1750	A-V PRODUCTION SERVICE	EDWARDB0006A	SPEECH	TV STUDIO CONTROL	167	30	68.1%	9.5
		A-V PRODUCTION SERVICE Total						68.1%	
FIELD			FIELDPHYSED	PHYSICAL EDUCATION UNIT					36.0

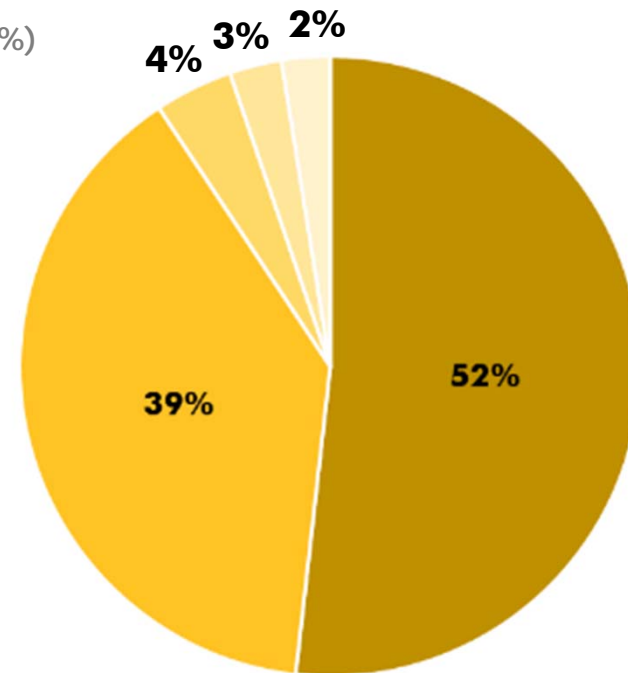
# Campus-wide Office Space

## NASF by School/Group



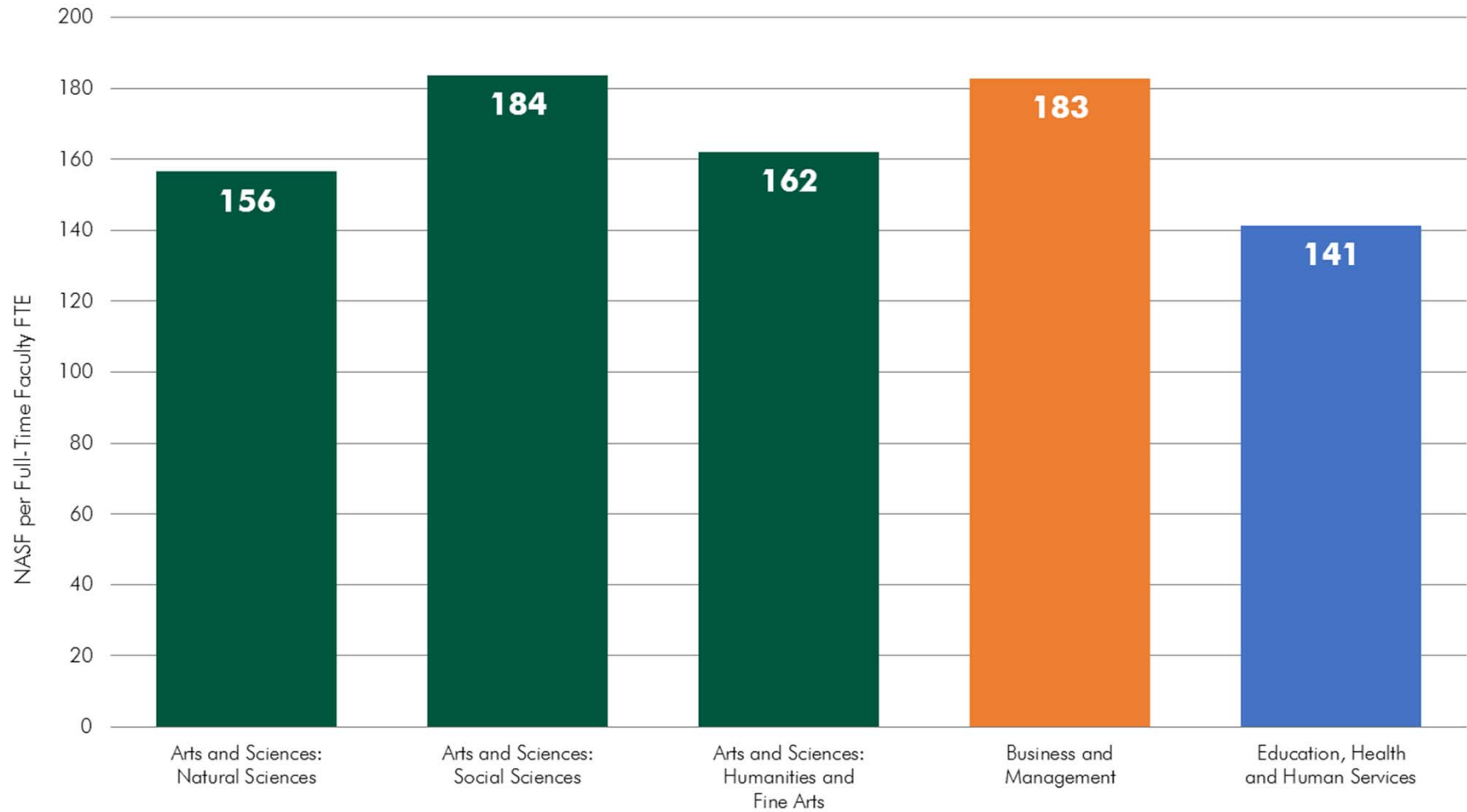
- Executive Offices
- Academic Affairs
- Administration and Finance
- Advancement
- Enrollment Management
- School of Arts and Sciences
- School of Business and Management
- School of Education, Health, and Human Services

## NASF by Office Type



- Administrative Office (5000)
- Faculty Office (3001)
- Faculty Secretarial Office (3300)
- Teaching Assistant Office (3500)
- Technician's Office (3600)

## NASF per Full-Time Faculty



## Academic Program Growth

Computing Sciences

Accounting

Business Administration

Kinesiology, Sport Studies, and Physical Education

Nursing



## New/Potential Academic Programs

Emergency Management

Health/Nursing Informatics

Masters of Health Finance

Interdisciplinary Program between Meteorology and Business

Department of Communications splitting into Department of Communication Studies and Department of Journalism, Broadcasting, and Public Relations

MBA

Business MS change to generalist degree

Accounting and Forensic Accounting Certificate

Masters in Public Health

## Additional/Projects Considerations

Consolidate Information Technology

Develop a Comprehensive ADA Implementation Plan

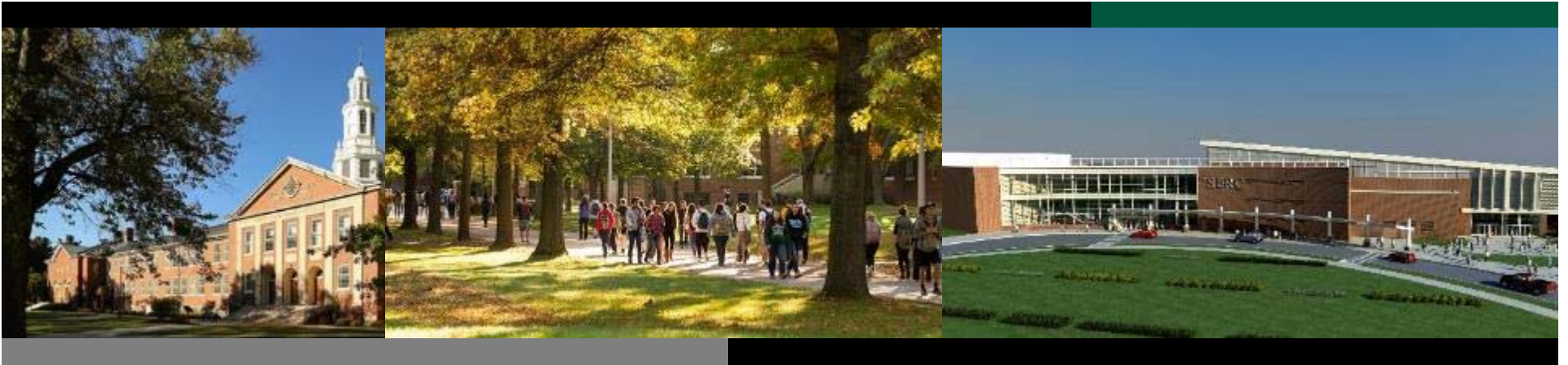
Erie Canal Trail Project

Acquire Properties near President's House

# Questions?



The College at  
**BROCKPORT**  
STATE UNIVERSITY OF NEW YORK



The College at  
**BROCKPORT**  
STATE UNIVERSITY OF NEW YORK

 Architects and  
Planners, P.C.