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FLORIDA INTERNATIONAL UNIVERSITY

# CAMPUS MASTER PLAN UPDATE 2010-2020

Work Session #2

02 OCTOBER 2012

PERKINS+WILL



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# STEERING COMMITTEE

# Agenda

- Assembly/Introductions: 5 minutes
- Confirm Campus Master Plan data requests, project schedule, and meetings: 10 minutes
- Review Focus Group discussions and homework: FIU strengths, weaknesses, and best practices: 30 minutes
- Review enrollment assumptions: 30 minutes
- Review space utilization and needs: 30 minutes
- Next Steps: 15 minutes
  - Faculty/Staff Assumptions
  - Research Assumptions
  - Clinical Assumptions
  - Touchstone Meeting –end of October?
  - Concept Plans

# Master Planning Schedule

<b>Inventory &amp; Analysis</b>	<b>July-Oct 2012</b>
<b>Preliminary Alternative Concepts</b>	<b>Nov-Dec 2012</b>
<b>Concept Plan Development</b>	<b>Jan 2013</b>
<b>Draft Comprehensive Master Plan</b>	<b>Feb-July 2013</b>
<b>Final Comprehensive Master Plan</b>	<b>Aug-Dec 2013</b>
<b>BOT Approval of Master Plan</b>	<b>Dec 2013</b>

# Group #1: Planning Precedents / Best Practices

**Arizona State University: distinct campus identities at four locations:**

- **Creating an Environmental or Sustainable Campus at BBC?**
- **Moving the College of Education to BBC?**
- **Expanding the AHC at MMC?**
- **Maintaining core facilities and faculty at MMC?**
- **Maintaining Engineering at EC?**

**Major State emphasis on STEM and increasing e-learning.**

**Major FIU themes for academic program growth: arts, environment, globalization, and health.**

**New academic program growth areas: Cyber Security, Computer Sciences/Bioinformatics, Sustainability/Environmental Studies, Marine Sciences and Health Sciences.**

**Revenue generating facilities and partnerships:**

- **RCCL/FIU joint use training/housing facilities at BBC**
- **SEED at BBC**
- **MSM and Pier Project at BBC**
- **Hotel/Faculty/Staff/Grad housing developments at BBC.**
- **Outpatient Clinical/Translational Health Research at MMC and BBC**
- **Lease/Sale to developer at EC**

# Group #2: Planning Precedents / Best Practices

**Public liberal arts schools: potential model for BBC**

**UniverCity mixed use development: Simon Fraser University in Vancouver BC**

**Model multi-campus system:**

- **VCU: main campus and Medical School Campus.**
- **Penn State: main campus with branch learning**

**Placemaking / Special branded areas on campus:**

- **Model open space: Duke, Vanderbilt, U of Miami, and UF**
- **Ohio State University Oval**
- **UVA quad**
- **Fountains, bamboo gardens, lakes, “kissing bridges”, hammocks, swinging benches, and butterfly gardens,**
- **AHC corner quad that visually welcomes outsiders into FIU campus.**

**Model comprehensive planning with sustainability:**

- **HUD Sustainability Principles – e.g. livability, walkability**
- **Intentional and Measurable**

**Oasis in the City: USC and UCLA**

# Group #3: Planning Precedents / Best Practices

## High Quality URBAN DESIGN:

- Memorable
- Suited to education and a sense of collegiality
- Compact formal development pattern within a
- Rich outdoor subtropical environment

## High Quality LANDSCAPE DESIGN : MDC, UM, UNF, USF, and UF

- Environmentally sound
- Outdoor comfort and security,
- Rich visual quality : exemplify uniqueness / diversity of South Florida's subtropical environments
- Unifying character that binds the campuses together

## High quality ARCHITECTURAL DESIGN:

- Contextual and sustainable
- Represent FIU vision for an innovative, diverse, learning community serving locally and globally
- Represent FIU commitment to student life, formal and informal learning, collaboration, integration and multidisciplinary education

## Model SUSTAINABILITY: USF, GEORGIA TECH

## INSTITUTE A DESIGN REVIEW PROCESS: UF

# Group #4: Planning Precedents / Best Practices

## **Club and intramural courts and fields increase to meet demand:**

- **Basketball / Softball**
- **Tennis**
- **Lacrosse / Rugby**
- **Soccer**

## **Rec. Center facilities and “play space” expand simultaneously with on-campus housing growth:**

- **First-floor gym space?**
- **Roof-top court/field space?**

## **New housing models: mixed use with classrooms, retail, dining, recreation and/or parking amenities**

- **Parkview Housing with connections to Stadium/Arena and the Preserve**
- **Eco-housing / Environmental studies and research?**
- **Co-curricular centers and theming?**
- **Living-Learning centers and cohort housing?**

## **New partnerships with providers for off-campus housing: Sweetwater and North Miami development**

- **Faculty, grad/research students, married students and South Florida students.**

## **New Greek Housing Models: Duplex models or residential hall solutions**

- **Troy, USF, U of Pittsburgh, Georgia, Arizona, GWU**



# Group #5: Planning Precedents / Best Practices

**Create Utility Use index by building: Update building standards for mechanical, electrical, water use**

**Reduce energy consumption by 10% per year: look at per student and per facilities classifications?**

**Consider alternate sources of energy: all strategies must have a payback**

**Increase wireless IT capacity throughout campus**

**Create utility / infrastructure / open space corridors as no-build zones: building locations are flexible within approved development zones.**

**Brand each campus for storm water management solutions.**

**Address FIU Greenhouse Gas Inventory: student commuting is increasing emissions**

- **Bike and car share**
- **More public transportation access**
- **Inter- campus shuttles**
- **Electric charging vehicles**
- **Near/ on-campus student housing**

**Address capacity constraints with potential redevelopment of the County Fair property.**

# Group #6: Planning Precedents / Best Practices

**Plan for Bus Rapid Transit (BRT)**

**Coordinate Regionally: Sweetwater, Doral, North Miami, Miami-Dade County**

**Utilize host city “Circulators”**

**Consider incentives and disincentives to increase a mode shift to bicycle, public transit and carpool**

**Utilize Transportation Demand Strategies:**

- **Inter-campus coordination: bus schedule and meal times**
- **Staggered class schedules**
- **Hertz on-demand cars**
- **Mixed-use / multi-modal transit parking structures**
- **Reliable shuttle services**
- **Park & ride zones**

**Improve BBC Access:**

- **secondary access**
- **connecting City of North Miami bike path**
- **emergency vehicle access on BBC.**

# Group #7: Planning Precedents / Best Practices

## Important community FIU roles and functions:

- Anchor Institution / Economic Driver
- Fulfill a social need
- Cultural and recreational resource
- Access to Medical School clinics and doctor's offices
- Access to problem-solving, applied learning, institutes and research activities on campus

## “University City” Alliance for MMC/EC: extend prototype to BBC

- mutual aid agreements
- joint planning efforts
- mutually beneficial development
- TIGER grants

## Research Park Best Practices:

- University of Akron
- Innovation Square/UF: converted old hospital site into mixed use, housing, research, retail
- UCF/Lake Nona, Orlando
- Baylor University, Texas: converted old tire manufacturing plant into Engineering Research facility
- NC State-Centennial Campus: converted golf course into housing, academic, research
- USF, Tampa
- UM/Life Science Park

# Facility Strengths



Campus defining architecture



Mixed use covered space

# Facility Strengths



**New facilities in the community**



**New facilities in the community**



**Greek housing represents growing student body**



**New campus buildings mirror student population growth**

# Facility Strengths



New modern student housing facilities



Modern student housing



Community space within residence halls



Quiet study areas

# Facility Strengths



**Student recreational centers**



**Collegiate athletic facilities**



**World class aquatic center**



**Recreational centers**

# Open Space Strengths



Well maintained lawns and landscape



Landscape used to enhance architecture



Landscape enhances entry into campus



Streetscape along mixed-use development



# Open Space Strengths



Shaded walkways



Covered outdoor seating



Attractive and functional landscaping



Open space near student housing

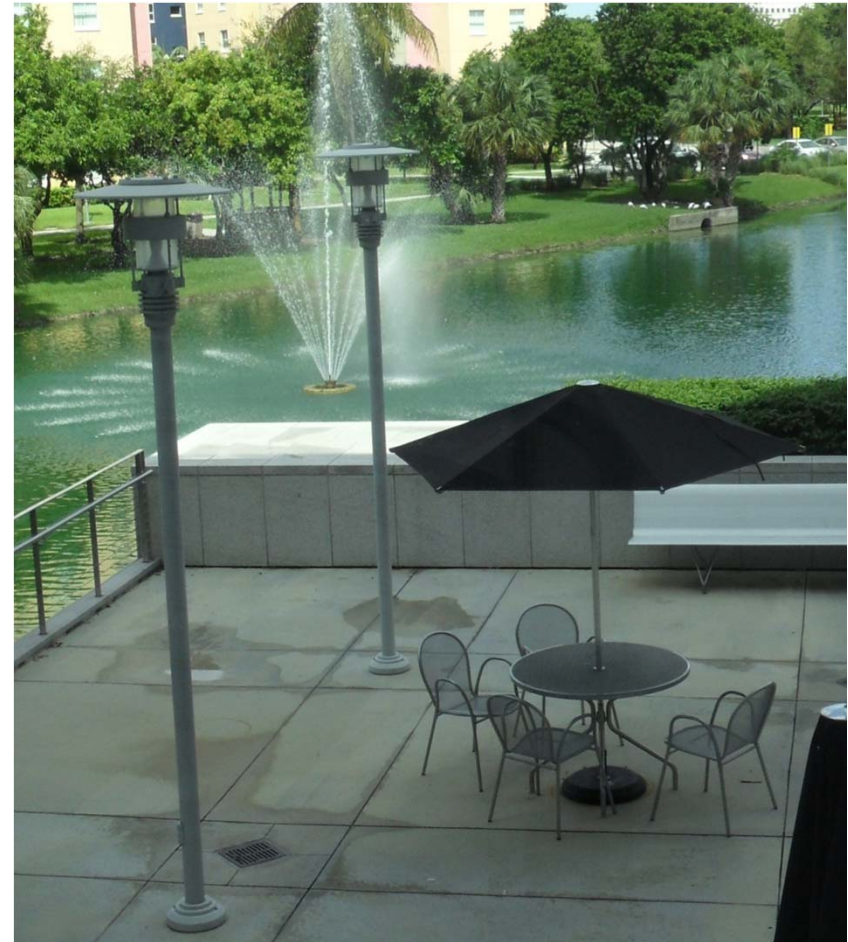
# Open Space Strengths



Outdoor glider s



Outdoor glider area



Great places to relax outdoors

# Circulation+Parking Strengths



Increased parking structures



New parking structure design / program



Bike lanes incorporated into campus loop



Improved streetscapes

# Circulation+Parking Strengths



**Ample BBC surface parking**



**Speed bumps that don't cause traffic congestion**



**Roundabouts to reduce traffic congestion**

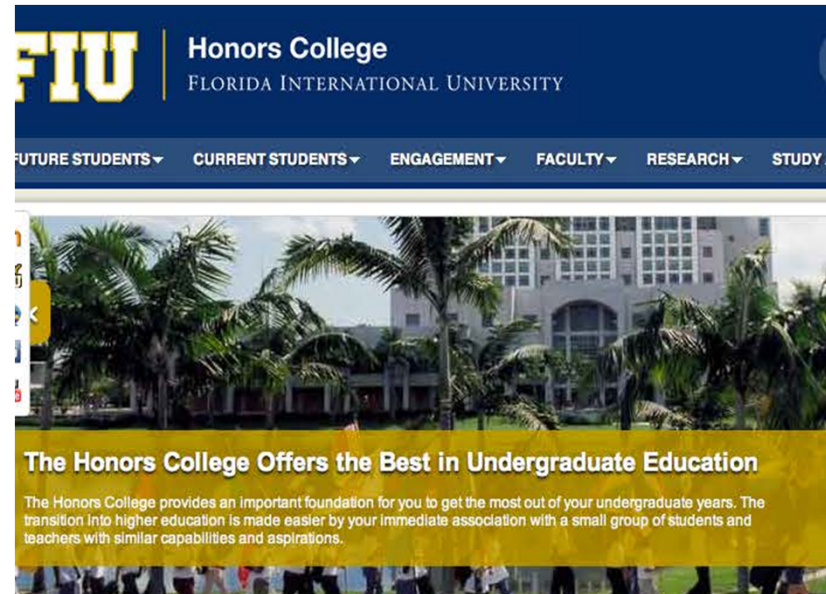


**Well delineated pedestrian cross walks**

# Additional FIU Strengths



Strong peer advisor program



Thriving Honors College

# Facility Issues / Opportunities



**Too-Busy libraries**



**Over-Active student union**



**Overcrowded student facilities**



**Long food service lines**

# Facility Issues / Opportunities



Need improved + expanded student meeting spaces



Need improved + expanded bookstore



Need additional student information centers

# Facility Issues / Opportunities



**Need ecologically sound building materials**



**Need improved BBC student housing**



**Need better utilization and inclusion of the Biscayne Bay Campus**



**Need repairs to existing BBC covered walkways**



# Open Space Issues / Opportunities

## Lack of covered walkways throughout campus



# Open Space Issues / Opportunities



**Outdated fountains**



**Under-utilized and unkempt nature preserve**



**Poorly integrated gathering space**



**Unkempt landscape**

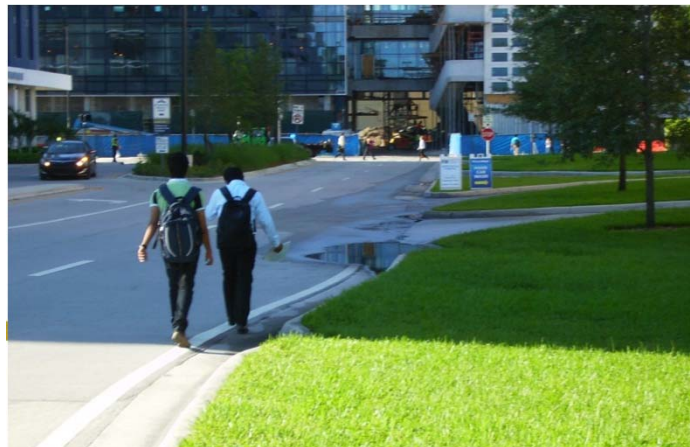
# Open Space Issues / Opportunities



**Improve and expand outdoor recreational facilities**

**Re-grade and repair soccer field**

# Circulation+Parking Issues / Opportunities



Lack of sidewalks along pedestrian corridors

Landscape that decreases pedestrian visibility and safety

# Circulation+Parking Issues / Opportunities



**Over crowded parking lots**



**Lack of street parking and under utilized carpool lots**

# Circulation+Parking Issues / Opportunities



Improved BBC campus access



Need for additional parking structures



Traffic congestion around and between campuses

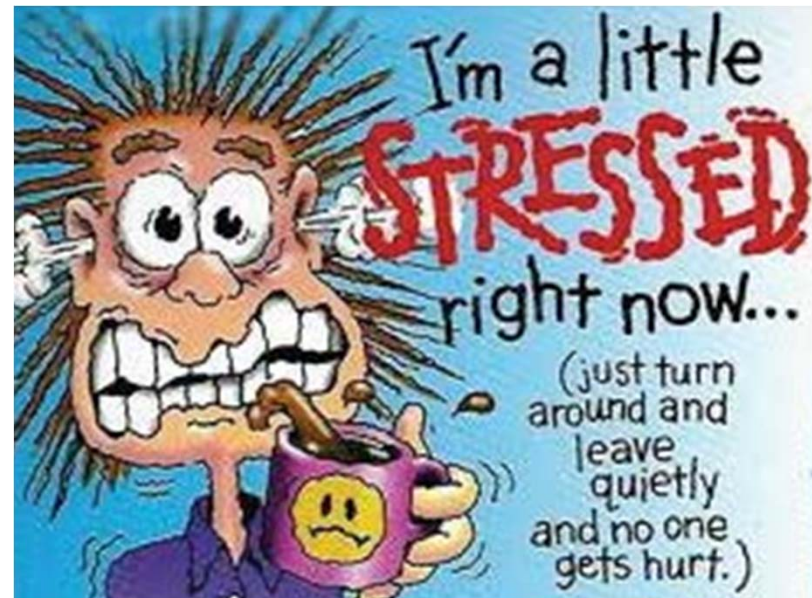


Speed bumps cause traffic back ups

# Additional Issues / Opportunities



Build a more inclusive culture for students



Continued support for upper classmen

# Additional Issues / Opportunities

## Sustainability Initiatives: Recycling



Centralized and cohesive recycling program



Better identified recycling receptacles



# Sustainability Planning Precedents



Loyola Marymount University - Reclaimed water for irrigation



Arizona State University – Campus Engagement



Loyola Marymount University – Powering Stations



University of Colorado – Sustainability research and engagement

# Sustainability Planning Precedents

## Sustainability Initiatives



University of California System – Campus wide sustainability



Loyola Marymount University – Water efficient landscaping



Vanderbilt University – Land use practices



Loyola Marymount University – Alt. transportation incentives

# Sustainability Planning Precedents

## Sustainability Initiatives: Eco Housing



Duke University – Pratt School of Engineering



Wittenberg University



Cornell University



Plymouth State University

# Open Space Planning Precedents

## Open Space



University of Miami – Architectural Fountain



Gordon College - Amphitheater



University of South Florida – MLK Plaza

# Open Space Planning Precedents

## Open Space



University of Houston – Bronze statue of college mascot



University of Wollongong – Large outdoor chess set

# Enrollment Assumptions by Campus

# Overall University Enrollment Assumptions

University Enrollment By Campus	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>MMC-Total</b>								
Enrollment	33,199	19,417	36,084	22,139	37,719	24,650	48,750	34,339
Undergraduate	27,662	15,412	29,816	17,461	31,004	19,489	40,078	27,726
Graduate	5,537	4,005	6,268	4,678	6,715	5,161	8,672	6,613
<b>BBC- Total</b>								
Enrollment	7,273	2,895	7,838	3,267	9,055	3,906	16,000	5,238
Undergraduate	6,713	2,606	7,236	2,950	8,359	3,526	14,769	4,743
Graduate	560	289	602	317	696	380	1,231	495
<b>EEC Total</b>								
Enrollment	2,456	1,055	2,647	1,188	2,918	1,379	3,552	1,894
Undergraduate	1,942	864	2,093	979	2,302	1,137	2,799	1,569
Graduate	514	191	554	209	616	242	753	325
<b>On-Line Total</b>								
Enrollment	14,998	5,985	16,166	6,742	22,707	9,742	31,318	11,326
Undergraduate	13,202	4,997	14,230	5,663	19,996	8,182	27,582	9,516
Graduate	1,796	988	1,936	1,079	2,711	1,560	3,736	1,810
<b>University Total</b>	<b>57,926</b>	<b>29,352</b>	<b>62,735</b>	<b>33,336</b>	<b>72,399</b>	<b>39,677</b>	<b>99,620</b>	<b>52,797</b>

## Key Assumptions/Observations:

- HC may include attendance by one student at multiple venues
- %FTE vs HC does not increase substantively
- Aggressive growth continues, nearly doubling face to face FTE
- E-learning increases from roughly 1/4 to 1/3 total HC; FTE increase less dramatic
- Continued growth on all campuses – proportional to existing distribution

# Enrollment Assumptions by College

## Key Questions:

- What is driving the enrollment assumptions per College?
- Are there different strategies driving 2012 vs. 2020 vs. 2035 enrollment assumptions?
- What will ensure FIU is competitive?
- What will position FIU to reach these aggressive numbers?
- If these assumptions are currently tied to locations, can locations be shifted over time?
- What is the value of consolidated vs. dispersed course delivery by College?
- Which programs can benefit most from eLearning expansion (either HC or FTE)?



# College of Architecture + the Arts Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>College of Architecture + the Arts</b>								
<i>MMC Campus enrollment</i>	1,278	1,251	1,436	1,348	1,553	1,501	2,253	2,027
<i>Undergraduate</i>	969	1,034	1,098	1,114	1,150	1,234	1,726	1,661
<i>Graduate</i>	309	217	338	234	403	267	527	366
<i>BBC Campus enrollment</i>	106	107	120	115	143	133	193	236
<i>Undergraduate</i>	105	103	119	111	142	128	191	227
<i>Graduate</i>	1	4	1	4	1	5	2	9
<i>EEC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>On-Line Campus enrollment</i>	577	210	653	226	943	318	1,089	439
<i>Undergraduate</i>	567	198	642	213	928	300	1,071	414
<i>Graduate</i>	10	12	11	13	15	18	18	25
<b>College of Architecture</b>	<b>1,961</b>	<b>1,568</b>	<b>2,209</b>	<b>1,689</b>	<b>2,639</b>	<b>1,952</b>	<b>3,535</b>	<b>2,702</b>

## Key Assumptions/Observations:

- Does expanded enrollment have a disproportionate space impact?
- Does E-learning require extra support space for materials?

# College of Arts and Sciences Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>College of Arts and Sciences</b>								
<i>MMC Campus enrollment</i>	13,398	11,402	14,441	12,889	15,272	14,703	19,967	20,484
<i>Undergraduate</i>	12,038	10,634	12,975	12,049	13,669	13,733	17,825	19,174
<i>Graduate</i>	1,360	768	1,466	840	1,603	970	2,142	1,310
<i>BBC Campus enrollment</i>	2,440	1,269	2,630	1,436	3,038	1,717	5,368	2,307
<i>Undergraduate</i>	2,350	1,229	2,533	1,392	2,926	1,664	5,170	2,238
<i>Graduate</i>	90	40	97	44	112	53	198	69
<i>EEC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>On-Line Campus enrollment</i>	5,235	2,491	5,643	2,817	7,929	4,072	10,937	4,714
<i>Undergraduate</i>	4,901	2,352	5,283	2,665	7,423	3,851	10,239	4,473
<i>Graduate</i>	334	139	360	152	506	221	698	241
<b>College of Arts and Sciences Total</b>	<b>21,073</b>	<b>15,162</b>	<b>22,714</b>	<b>17,142</b>	<b>26,239</b>	<b>20,492</b>	<b>36,272</b>	<b>27,505</b>

## Key Assumptions/Observations:

- Modest growth given size of college – bubble happens after 2020
- Significant projected jump in E-learning FTE – what are requirements for science and other materials support?

# College of Business Administration Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>College of Business Administration</b>								
<b>MMC Campus enrollment</b>	<b>5,788</b>	<b>2,129</b>	<b>6,252</b>	<b>2,379</b>	<b>6,089</b>	<b>2,340</b>	<b>7,598</b>	<b>3,674</b>
Undergraduate	4,797	1,284	5,170	1,455	4,935	1,359	5,992	2,330
Graduate	991	845	1,082	924	1,154	981	1,606	1,344
<b>BBC Campus enrollment</b>	<b>1,004</b>	<b>236</b>	<b>1,082</b>	<b>267</b>	<b>1,250</b>	<b>319</b>	<b>2,208</b>	<b>429</b>
Undergraduate	1,003	236	1,081	267	1,249	319	2,206	429
Graduate	1	0	1	0	1	0	2	0
<b>EEC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>On-Line Campus enrollment</b>	<b>4,546</b>	<b>1,808</b>	<b>4,900</b>	<b>2,031</b>	<b>6,886</b>	<b>2,936</b>	<b>9,498</b>	<b>3,347</b>
Undergraduate	3,854	1,339	4,154	1,518	5,838	2,193	8,052	2,447
Graduate	692	469	746	513	1,048	743	1,446	900
<b>College of Business Admin. Total</b>	<b>11,338</b>	<b>4,173</b>	<b>12,234</b>	<b>4,677</b>	<b>14,225</b>	<b>5,595</b>	<b>19,304</b>	<b>7,450</b>

## Key Assumptions/Observations:

- Small face to face growth planned
- E-learning expansion consistent with national trends
- No need for major expansion beyond MANGO?
- Can facilities be shared?

# College of Education Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>College of Education</b>								
<b>MMC Campus enrollment</b>	<b>2,363</b>	<b>1,250</b>	<b>2,547</b>	<b>1,403</b>	<b>2,761</b>	<b>1,636</b>	<b>3,668</b>	<b>2,196</b>
Undergraduate	1,631	911	1,758	1,032	1,897	1,204	2,512	1,628
Graduate	732	339	789	371	864	432	1,156	568
<b>BBC Campus enrollment</b>	<b>133</b>	<b>21</b>	<b>143</b>	<b>23</b>	<b>165</b>	<b>27</b>	<b>293</b>	<b>37</b>
Undergraduate	115	20	124	22	143	26	253	36
Graduate	18	1	19	1	22	1	40	1
<b>EEC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>On-Line Campus enrollment</b>	<b>673</b>	<b>149</b>	<b>726</b>	<b>167</b>	<b>1,019</b>	<b>242</b>	<b>1,406</b>	<b>309</b>
Undergraduate	498	103	537	117	754	169	1,040	219
Graduate	175	46	189	50	265	73	366	90
<b>College of Education Total</b>	<b>3,169</b>	<b>1,420</b>	<b>3,416</b>	<b>1,593</b>	<b>3,945</b>	<b>1,905</b>	<b>5,367</b>	<b>2,542</b>

## Key Assumptions/Observations:

- Larger proportional increase after 2020?
- Modest growth in E-learning compared with national trends?

# College of Engineering and Computing Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>College of Engineering and Computing</b>								
<i>MMC Campus enrollment</i>	<b>2,041</b>	<b>721</b>	<b>2,200</b>	<b>811</b>	<b>2,421</b>	<b>941</b>	<b>3,246</b>	<b>1,291</b>
<i>Undergraduate</i>	<b>1,873</b>	<b>555</b>	<b>2,019</b>	<b>629</b>	<b>2,220</b>	<b>730</b>	<b>2,975</b>	<b>1,008</b>
<i>Graduate</i>	<b>168</b>	<b>166</b>	<b>181</b>	<b>182</b>	<b>201</b>	<b>211</b>	<b>271</b>	<b>283</b>
<i>BBC Campus enrollment</i>	<b>369</b>	<b>28</b>	<b>398</b>	<b>31</b>	<b>459</b>	<b>38</b>	<b>812</b>	<b>51</b>
<i>Undergraduate</i>	<b>368</b>	<b>28</b>	<b>397</b>	<b>31</b>	<b>458</b>	<b>38</b>	<b>810</b>	<b>51</b>
<i>Graduate</i>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>
<i>EEC Campus enrollment</i>	<b>2,456</b>	<b>1,055</b>	<b>2,647</b>	<b>1,188</b>	<b>2,918</b>	<b>1,379</b>	<b>3,552</b>	<b>1,894</b>
<i>Undergraduate</i>	<b>1,942</b>	<b>864</b>	<b>2,093</b>	<b>979</b>	<b>2,302</b>	<b>1,137</b>	<b>2,799</b>	<b>1,569</b>
<i>Graduate</i>	<b>514</b>	<b>191</b>	<b>554</b>	<b>209</b>	<b>616</b>	<b>242</b>	<b>753</b>	<b>325</b>
<i>On-Line Campus enrollment</i>	<b>969</b>	<b>251</b>	<b>1,044</b>	<b>282</b>	<b>1,468</b>	<b>408</b>	<b>2,025</b>	<b>459</b>
<i>Undergraduate</i>	<b>849</b>	<b>192</b>	<b>915</b>	<b>217</b>	<b>1,286</b>	<b>314</b>	<b>1,774</b>	<b>356</b>
<i>Graduate</i>	<b>120</b>	<b>59</b>	<b>129</b>	<b>65</b>	<b>182</b>	<b>94</b>	<b>251</b>	<b>103</b>
<b>College of Eng.and Comp. Total</b>	<b>5,835</b>	<b>2,055</b>	<b>6,289</b>	<b>2,312</b>	<b>7,266</b>	<b>2,766</b>	<b>9,635</b>	<b>3,695</b>

## Key Assumptions/Observations:

- Only College with meaningful enrollment across 3 campuses?
- Does modest growth reflect focus on STEM?
- Is growth reflective of AHS multi-disciplinary requirements?

# Honors College Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>Honors College</b>								
<i>MMC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>BBC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>EEC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>On-Line Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<b>Honors College Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Key Assumptions/Observations:

- No dedicated enrollment?
- How can planned facility be highlighted/shared?

# College of Law Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>College of Law</b>								
<b>MMC Campus enrollment</b>	<b>551</b>	<b>491</b>	<b>580</b>	<b>537</b>	<b>580</b>	<b>537</b>	<b>580</b>	<b>537</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	551	491	580	537	580	537	580	537
<b>BBC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>EEC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>On-Line Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>College of Law Total</b>	<b>551</b>	<b>491</b>	<b>580</b>	<b>537</b>	<b>580</b>	<b>537</b>	<b>580</b>	<b>537</b>

## Key Assumptions/Observations:

- Stable enrollment planned
- No expansion or additional facilities required?
- Can facilities be higher utilized/shared?

# Herbert Wertheim College of Medicine Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>Herbert Wertheim College of Medicine</b>								
<b>MMC Campus enrollment</b>	<b>167</b>	<b>167</b>	<b>480</b>	<b>480</b>	<b>480</b>	<b>480</b>	<b>480</b>	<b>480</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	167	167	480	480	480	480	480	480
<b>BBC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>EEC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>On-Line Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>College of Medicine Total</b>	<b>167</b>	<b>167</b>	<b>480</b>	<b>480</b>	<b>480</b>	<b>480</b>	<b>480</b>	<b>480</b>

## Key Assumptions/Observations:

- Stable enrollment planned
- Future growth will be through research and related disciplines?



# College of Nursing and Health Sciences Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>College of Nursing &amp; Health Sciences</b>								
<b>MMC Campus enrollment</b>	<b>2,211</b>	<b>890</b>	<b>2,384</b>	<b>987</b>	<b>2,433</b>	<b>1,098</b>	<b>3,106</b>	<b>1,553</b>
Undergraduate	1,523	368	1,642	416	1,636	446	2,053	669
Graduate	688	522	742	571	797	652	1,053	884
<b>BBC Campus enrollment</b>	<b>270</b>	<b>106</b>	<b>291</b>	<b>120</b>	<b>336</b>	<b>143</b>	<b>594</b>	<b>192</b>
Undergraduate	268	94	289	107	334	127	590	171
Graduate	2	12	2	13	2	16	4	21
<b>EEC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>On-Line Campus enrollment</b>	<b>1,187</b>	<b>305</b>	<b>1,279</b>	<b>341</b>	<b>1,798</b>	<b>493</b>	<b>2,480</b>	<b>550</b>
Undergraduate	966	183	1,041	208	1,463	300	2,018	334
Graduate	221	122	238	133	335	193	462	216
<b>Nursing &amp; Health Sciences Total</b>	<b>3,668</b>	<b>1,301</b>	<b>3,954</b>	<b>1,448</b>	<b>4,567</b>	<b>1,734</b>	<b>6,180</b>	<b>2,295</b>

## Key Assumptions/Observations:

- Small, consistent growth
- Significant planned expansion in E-learning follows national trends

# Chaplin School of Hospitality & Tourism Management Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>Chaplin School of Hospitality &amp; Tourism Management</b>								
<i>MMC Campus enrollment</i>	510	128	550	145	511	149	609	166
<i>Undergraduate</i>	508	128	548	145	509	149	606	166
<i>Graduate</i>	2	0	2	0	2	0	3	0
<i>BBC Campus enrollment</i>	1,351	798	1,456	897	1,683	1,073	2,972	1,432
<i>Undergraduate</i>	1,039	601	1,120	681	1,294	814	2,286	1,095
<i>Graduate</i>	312	197	336	216	389	259	686	337
<i>EEC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>On-Line Campus enrollment</i>	457	137	493	153	692	222	955	385
<i>Undergraduate</i>	457	105	493	119	692	172	955	331
<i>Graduate</i>	0	32	0	34	0	50	0	54
<b>School of Hosp. &amp; Trsm Mngt Total</b>	<b>2,318</b>	<b>1,063</b>	<b>2,499</b>	<b>1,195</b>	<b>2,886</b>	<b>1,444</b>	<b>4,536</b>	<b>1,983</b>

## Key Assumptions/Observations:

- Small, steady growth – continuing after 2020
- Modest E-learning growth

# School of Journalism and Mass Communication Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>School of Journalism and Mass Communication</b>								
<b>MMC Campus enrollment</b>	<b>859</b>	<b>58</b>	<b>926</b>	<b>65</b>	<b>887</b>	<b>46</b>	<b>1,079</b>	<b>104</b>
Undergraduate	856	56	923	63	883	44	1,074	101
Graduate	3	2	3	2	4	2	5	3
<b>BBC Campus enrollment</b>	<b>1,078</b>	<b>320</b>	<b>1,161</b>	<b>361</b>	<b>1,342</b>	<b>432</b>	<b>2,371</b>	<b>578</b>
Undergraduate	956	282	1,030	319	1,190	382	2,103	513
Graduate	122	38	131	42	152	50	268	65
<b>EEC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>On-Line Campus enrollment</b>	<b>714</b>	<b>125</b>	<b>770</b>	<b>141</b>	<b>1,072</b>	<b>200</b>	<b>1,474</b>	<b>226</b>
Undergraduate	680	111	733	126	1,030	182	1,421	203
Graduate	34	14	37	15	42	18	53	23
<b>School of Journalism and Mass Comm. Total</b>	<b>2,651</b>	<b>503</b>	<b>2,857</b>	<b>567</b>	<b>3,301</b>	<b>678</b>	<b>4,924</b>	<b>908</b>

## Key Assumptions/Observations:

- Increased growth after 2020

# Robert Stempel College of Public Health and Social Work Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>Robert Stempel College of Public Health and Social Work</b>								
<b>MMC Campus enrollment</b>	<b>1,327</b>	<b>853</b>	<b>1,430</b>	<b>951</b>	<b>1,548</b>	<b>1,100</b>	<b>2,055</b>	<b>1,510</b>
Undergraduate	670	457	722	518	786	607	1,047	833
Graduate	657	396	708	433	762	493	1,008	677
<b>BBC Campus enrollment</b>	<b>82</b>	<b>11</b>	<b>89</b>	<b>12</b>	<b>102</b>	<b>14</b>	<b>180</b>	<b>19</b>
Undergraduate	72	11	78	12	90	14	158	19
Graduate	10	0	11	0	12	0	22	0
<b>EEC Campus enrollment</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Undergraduate	0	0	0	0	0	0	0	0
Graduate	0	0	0	0	0	0	0	0
<b>On-Line Campus enrollment</b>	<b>387</b>	<b>142</b>	<b>417</b>	<b>157</b>	<b>586</b>	<b>226</b>	<b>809</b>	<b>247</b>
Undergraduate	179	45	193	51	271	73	374	82
Graduate	208	97	224	106	315	153	435	165
<b>College of Public Health and Social Work Total</b>	<b>1,796</b>	<b>1,006</b>	<b>1,936</b>	<b>1,120</b>	<b>2,236</b>	<b>1,340</b>	<b>3,044</b>	<b>1,776</b>

## Key Assumptions/Observations:

- Increased growth after 2020, modest E-learning

# University College Campus Enrollment Assumptions

	CURRENT (2011)		2015		2020		2035 (Strategic plan)	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE
<b>University College</b>								
<i>MMC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>BBC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>EEC Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<i>On-Line Campus enrollment</i>	0	0	0	0	0	0	0	0
<i>Undergraduate</i>	0	0	0	0	0	0	0	0
<i>Graduate</i>	0	0	0	0	0	0	0	0
<b>University College Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Key Assumptions/Observations:

- No dedicated enrollment or space requirements?

# Future Needs: Space Utilization

# Classroom Daily Use Rate – Modesto Mardique

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use
Max Scheduled	1240	100%	1240	100%	1240	100%	1240	100%	1240	100%	6350	100%
<b>Goal</b>	992	80%	992	80%	992	80%	992	80%	992	80%	4960	80%
<b>Actual</b>	783	63%	887	72%	818	66%	840	68%	611	49%	3939	64%
8:00 AM	52	42%	57	46%	57	46%	56	45%	46	37%	54	43%
9:00 AM	82	66%	107	86%	86	69%	106	85%	84	68%	93	75%
10:00 AM	97	78%	105	85%	100	81%	109	88%	95	77%	101	82%
11:00 AM	90	73%	105	85%	93	75%	108	87%	89	72%	97	78%
12:00 PM	78	63%	107	86%	84	68%	108	87%	67	54%	89	72%
1:00 PM	71	57%	86	69%	69	56%	92	74%	59	48%	75	61%
2:00 PM	90	73%	91	73%	95	77%	85	69%	69	56%	86	69%
3:00 PM	79	64%	89	72%	90	73%	82	66%	57	46%	79	64%
4:00 PM	51	41%	37	30%	53	43%	7	6%	32	26%	36	29%
5:00 PM	93	75%	103	83%	91	73%	87	70%	13	10%	77	62%
6:00 PM	107	86%	105	85%	108	87%	93	75%	11	9%	85	68%
7:00 PM	105	85%	98	79%	102	82%	93	75%	11	9%	82	66%
8:00 PM	54	44%	62	50%	54	44%	60	48%	6	5%	47	38%
Avg Rms Used/Hr between 8-5pm	78.3	63%	88.7	72%	81.8	66%	84.0	68%	61.1	49%	79	64%

Note:

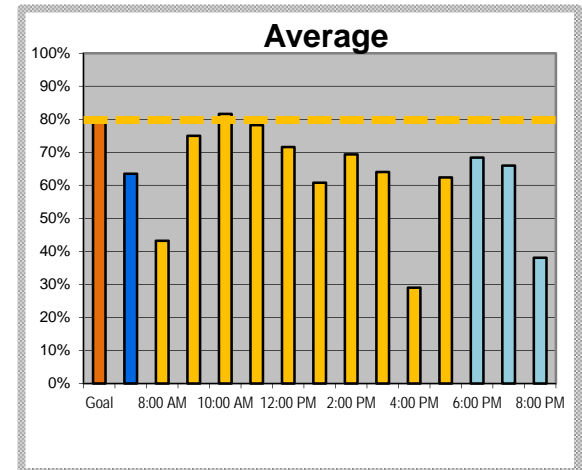
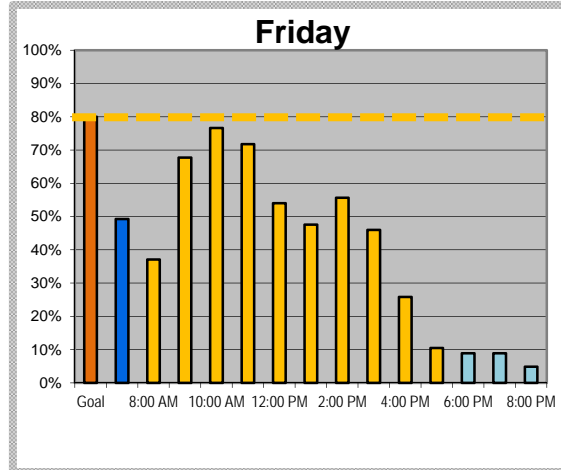
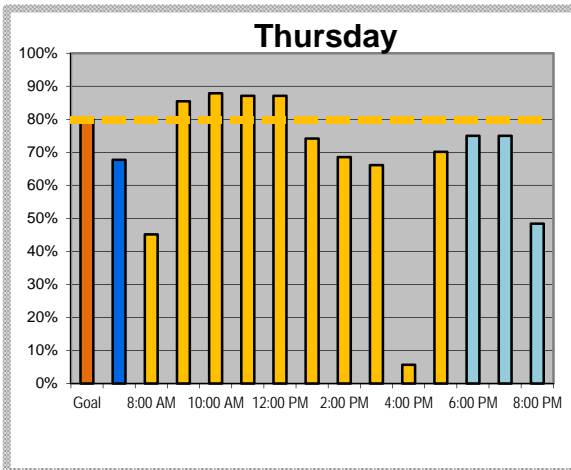
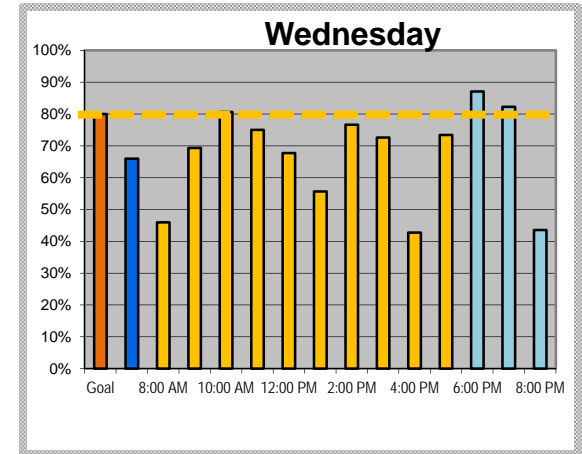
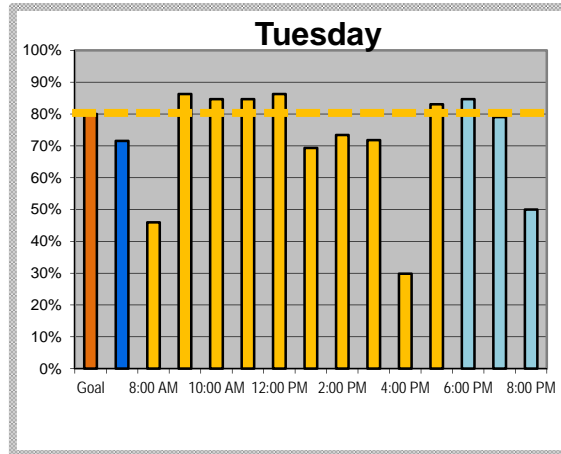
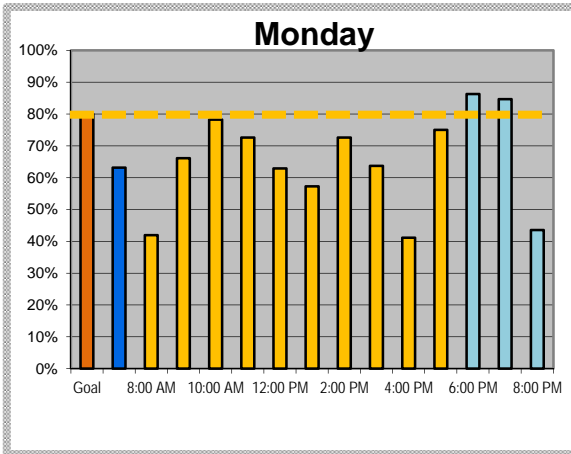
- 124** Total number of classrooms (FICM 110) scheduled Fall 2011
- 127** Total number of classrooms (FICM 110)
- 3** Classrooms not scheduled Fall 2011

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- 50** Maximum number of hours per week
- 40** Goal number of hours per week
- 10** Maximum number of hours per day
- 8** Goal number of hours per day

KEY	DESCRIPTION
0%	<b>NO</b> Classrooms Used
8%	Less than 10% Classrooms Used
85%	More than Goal% of Classrooms Used
100%	<b>ALL</b> Classrooms Used

# Classroom Daily Use Rate – Modesto Maidique



## Percentage of Classrooms Used by Time of Day

Maximum number of hours per week:

50 hours

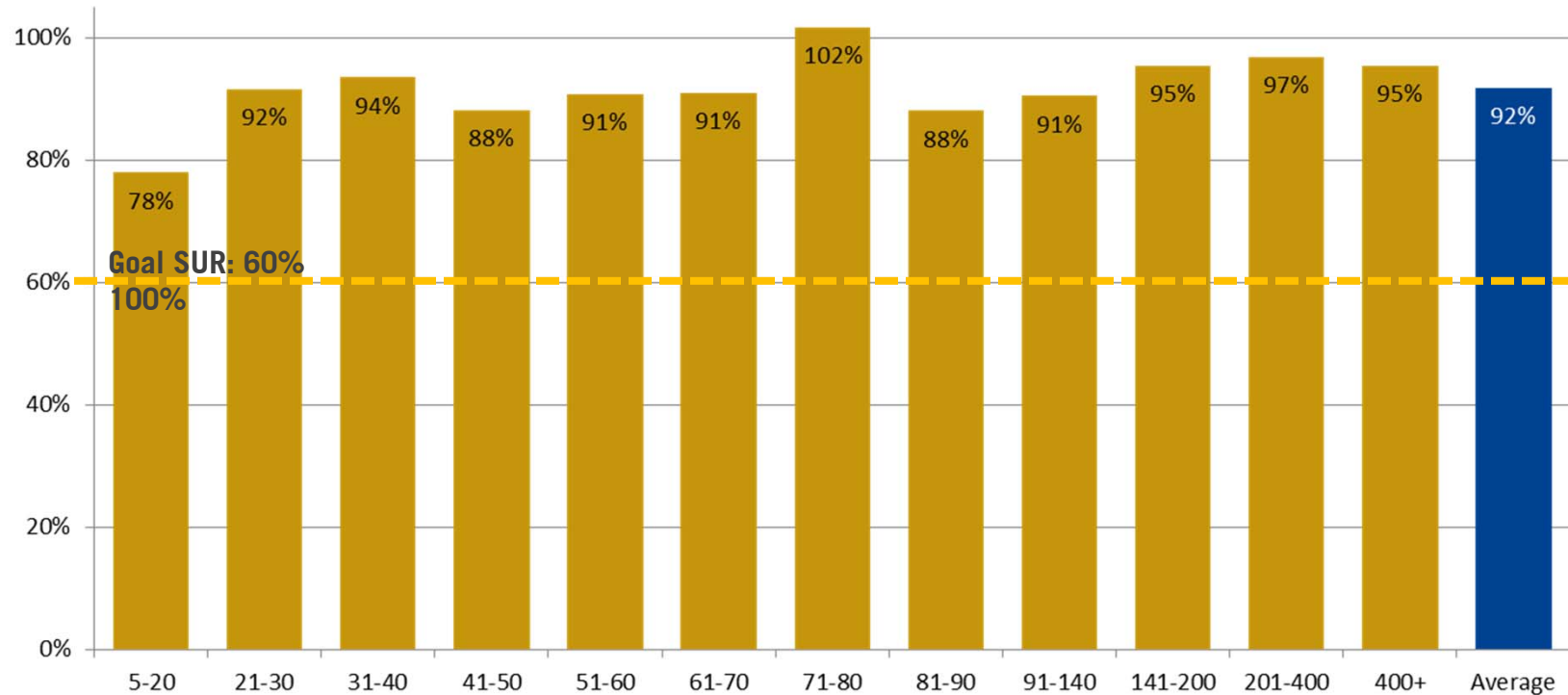
FIU Goal number of hours per week:

40 hours (80%)



# Classroom Station Utilization Rate – Modesto Maidique

## Average Classroom Station Utilization Rate by Room Capacity

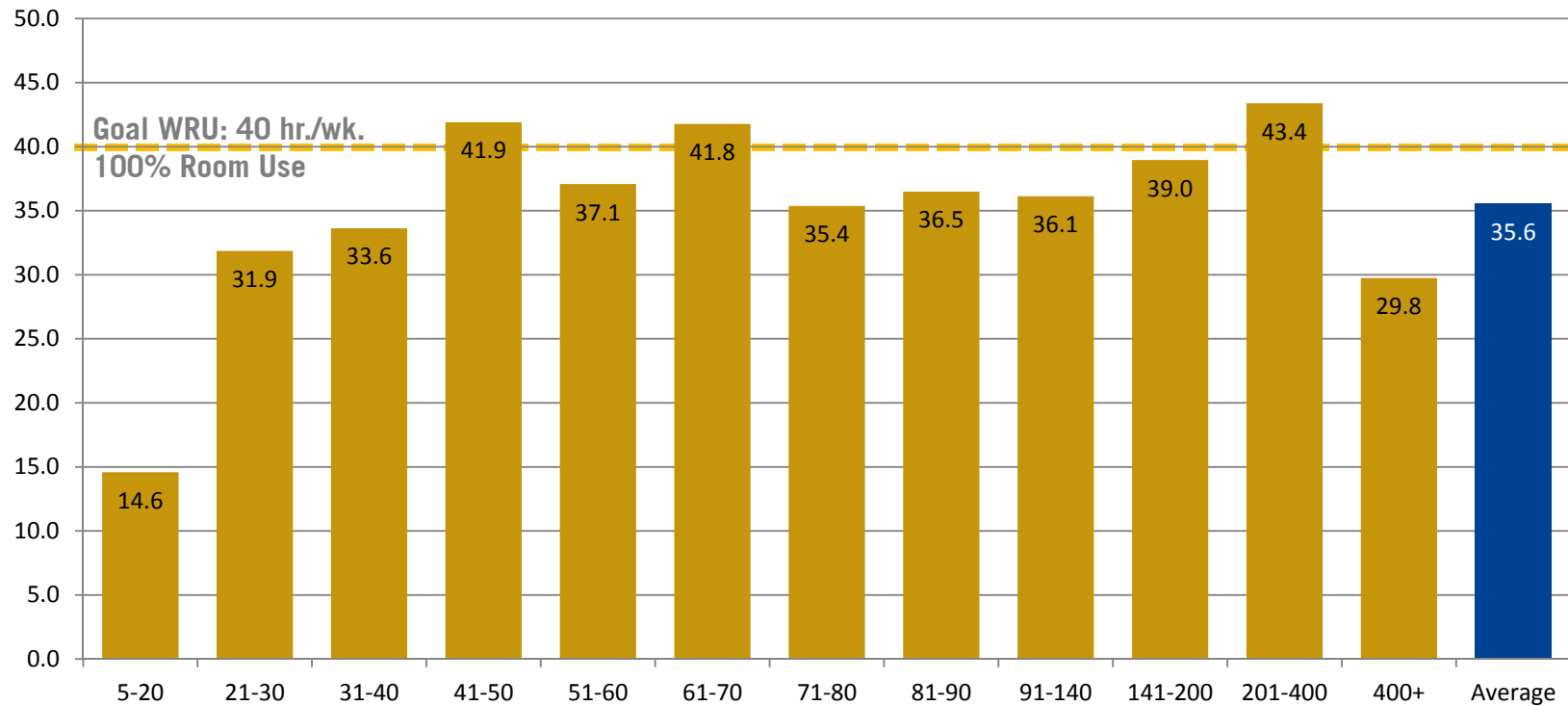


## Average Station Utilization per Week by Room Capacity Range

FIU Goal Station Utilization Rate: 60%

# Classroom Weekly Room Use – Modesto Maidique

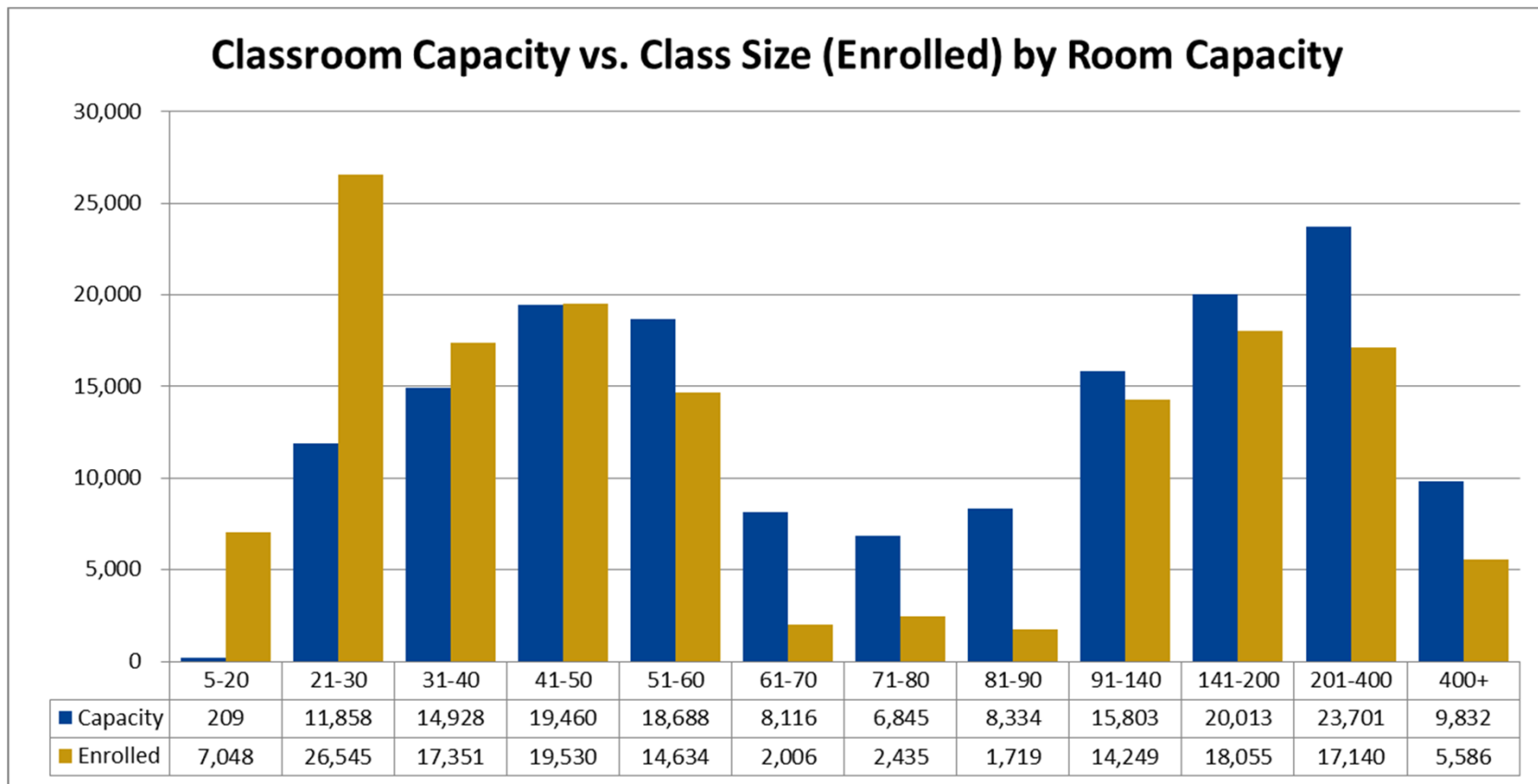
## Average Classroom Weekly Room Use by Room Capacity



## Average Hours Used per Week by Room Capacity Range

Maximum number of hours per week: 50 hours  
FIU Goal number of hours per week: 40 hours (80%)

# Classroom Capacity vs. Enrolled – Modesto Mairie

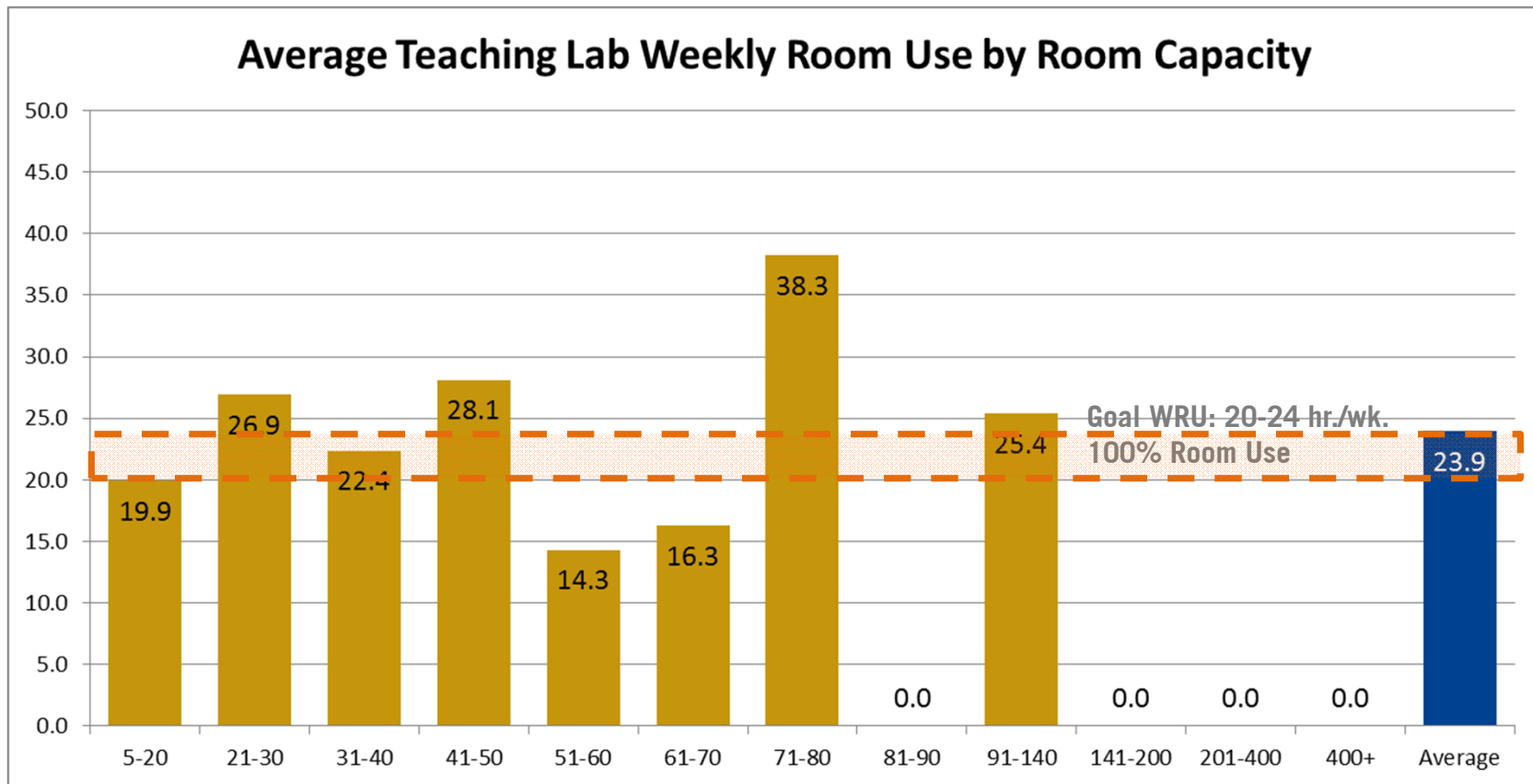


**Capacity: Total Maximum Count of Seats per Classroom by Room Capacity**

**Enrolled: Total number of seats based on actual enrolled students by Room Capacity**

*NOTE: Sum of Capacity and Enrolled will not equal since actual enrollment ranges vary per class while capacity is held constant*

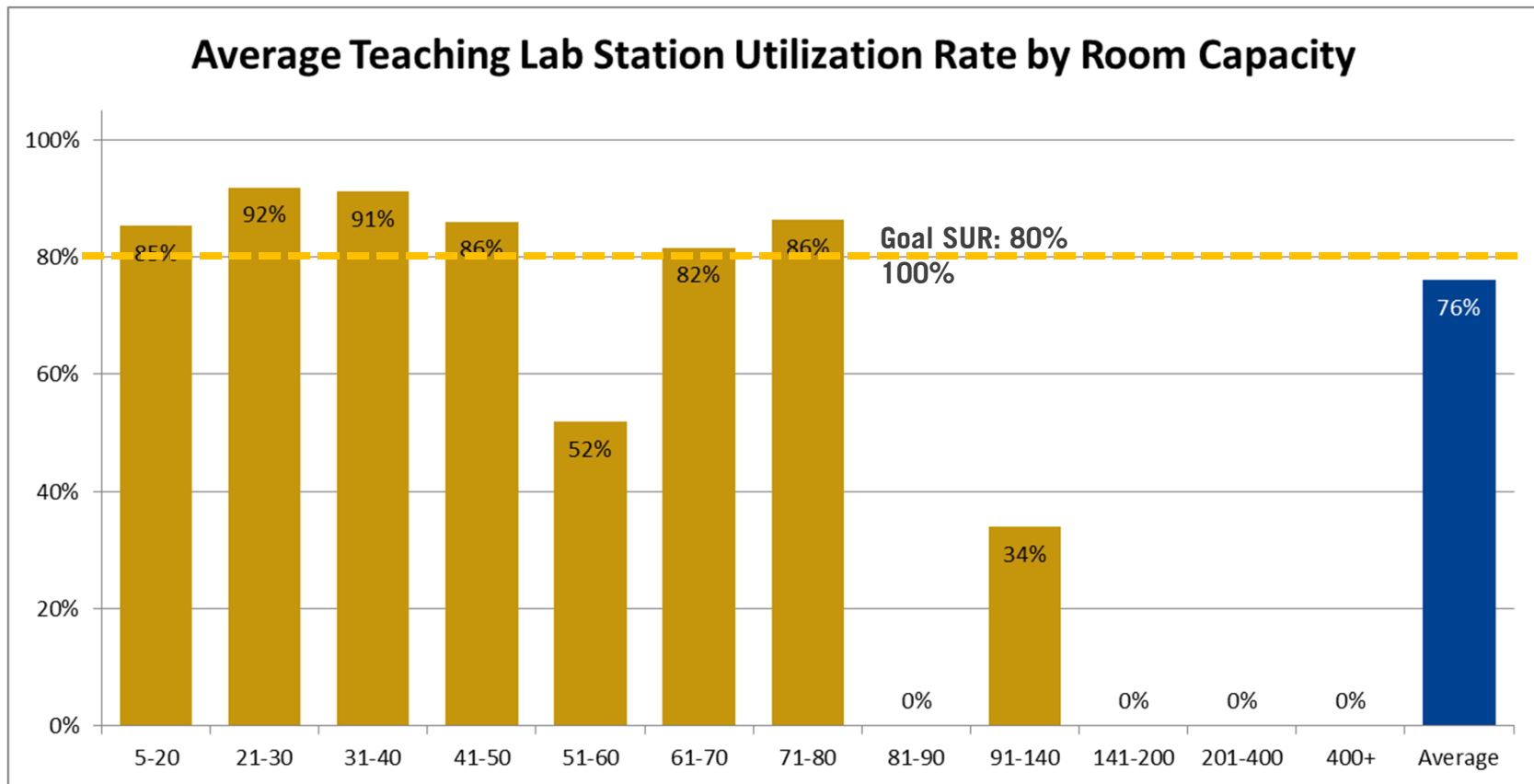
# Teaching Lab Weekly Room Use – Modesto Maidique



## Average Hours Used per Week by Room Capacity Range

Maximum number of hours per week: 50 hours  
 FIU Goal number of hours per week: 20-24 hours (40-48%)  
 Filter: Scheduled as Class or Lab

# Teaching Lab Station Utilization Rate – Modesto Maidique



## Average Station Utilization per Week by Room Capacity Range

FIU Goal Station Utilization Rate: 80%

Filter: Scheduled as Class or Lab

# Classroom Daily Use Rate – Engineering Center

Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use
Max Scheduled	130	100%	130	100%	130	100%	130	100%	130	100%	650	100%
<b>Goal</b>	104	80%	104	80%	104	80%	104	80%	104	80%	520	80%
<b>Actual</b>	45	35%	84	65%	44	34%	79	61%	36	28%	288	44%
8:00 AM	1	8%	3	23%	2	15%	2	15%	3	23%	2	17%
9:00 AM	3	23%	9	69%	2	15%	6	46%	3	23%	5	35%
10:00 AM	4	31%	9	69%	2	15%	6	46%	3	23%	5	37%
11:00 AM	5	38%	13	100%	6	46%	11	85%	5	38%	8	62%
12:00 PM	5	38%	13	100%	4	31%	13	100%	3	23%	8	58%
1:00 PM	3	23%	9	69%	4	31%	11	85%	4	31%	6	48%
2:00 PM	6	46%	10	77%	6	46%	12	92%	5	38%	8	60%
3:00 PM	3	23%	10	77%	2	15%	12	92%	0	0%	5	42%
4:00 PM	3	23%	1	8%	3	23%	0	0%	2	15%	2	14%
5:00 PM	12	92%	7	54%	13	100%	6	46%	8	62%	9	71%
6:00 PM	12	92%	12	92%	13	100%	9	69%	8	62%	11	83%
7:00 PM	10	77%	12	92%	12	92%	9	69%	5	38%	10	74%
8:00 PM	7	54%	6	46%	8	62%	4	31%	0	0%	5	38%
Avg Rms Used/Hr between 8-5pm	4.5	35%	8.4	65%	4.4	34%	7.9	61%	3.6	28%	6	44%

Note:

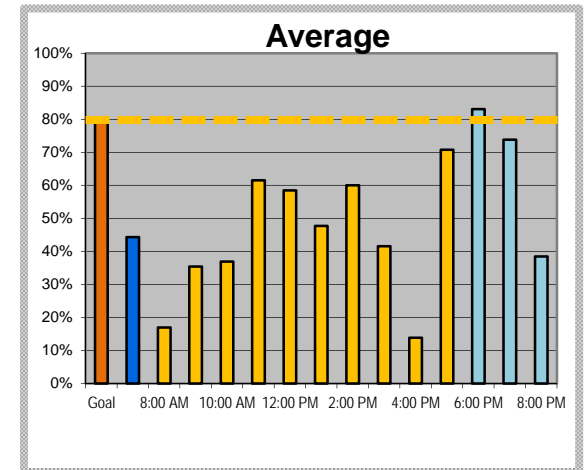
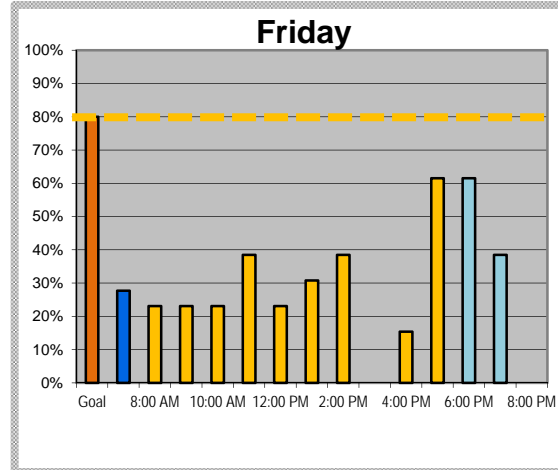
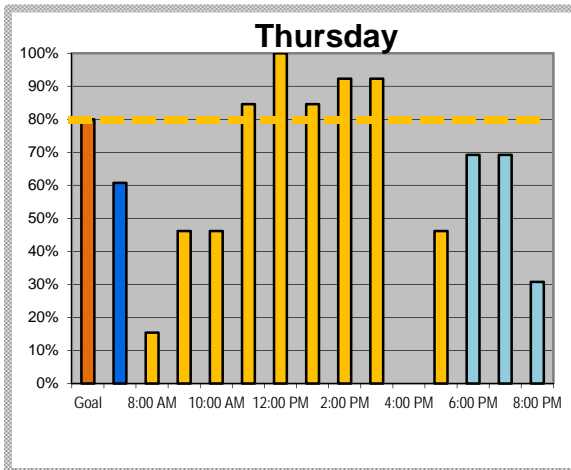
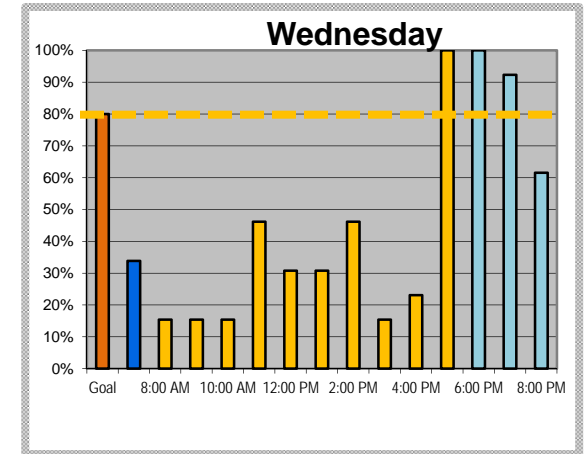
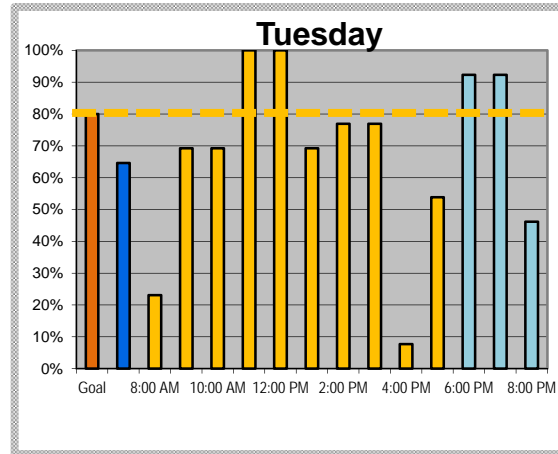
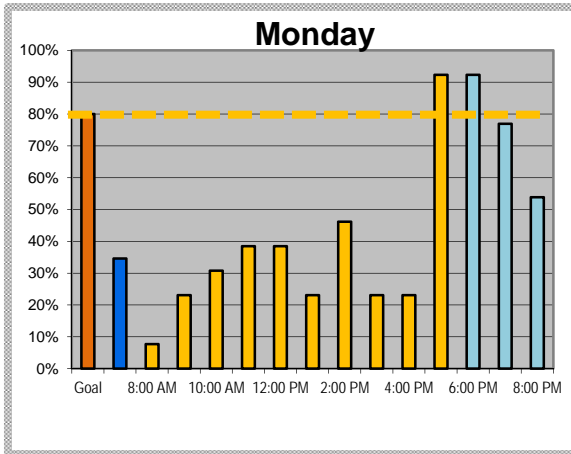
- 13** Total number of classrooms (FICM 110) scheduled Fall 2011
- 13** Total number of classrooms (FICM 110)
- 0** Classrooms not scheduled Fall 2011

---

- 50** Maximum number of hours per week
- 40** Goal number of hours per week
- 10** Maximum number of hours per day
- 8** Goal number of hours per day

KEY	DESCRIPTION
0%	<b>NO</b> Classrooms Used
8%	Less than 10% Classrooms Used
85%	More than Goal% of Classrooms Used
100%	<b>ALL</b> Classrooms Used

# Classroom Daily Use Rate – Engineering Center



## Percentage of Classrooms Used by Time of Day

Maximum number of hours per week:

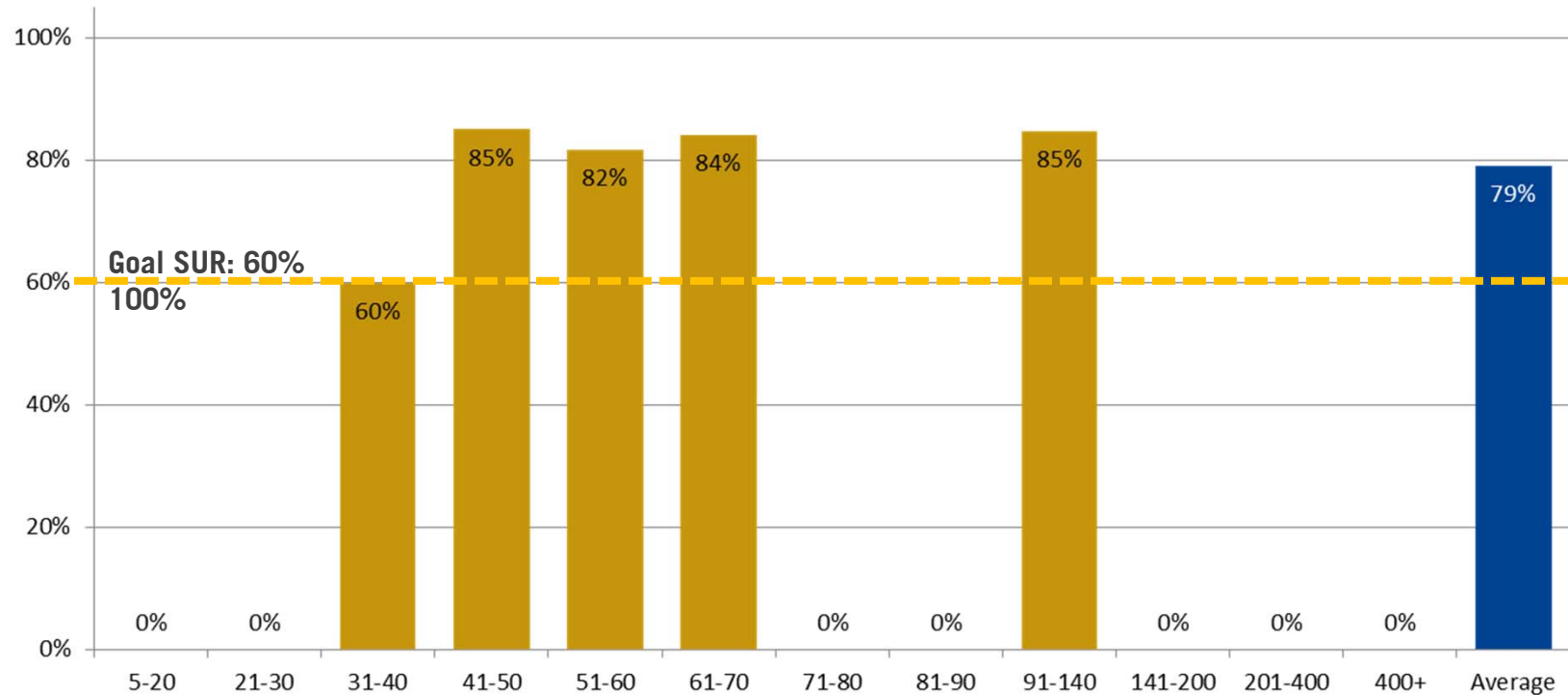
50 hours

FIU Goal number of hours per week:

40 hours (80%)

# Classroom Station Utilization Rate – Engineering Center

## Average Classroom Station Utilization Rate by Room Capacity



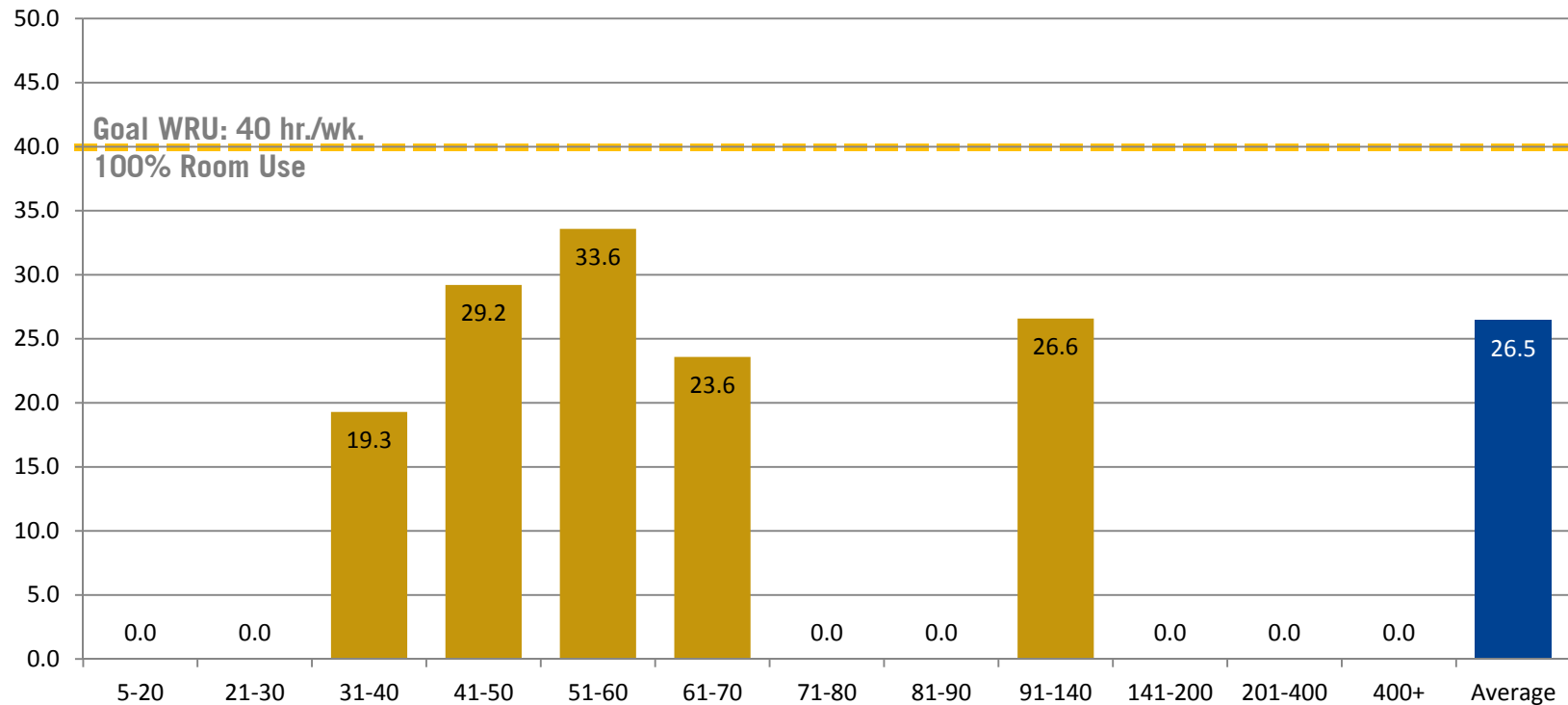
## Average Station Utilization per Week by Room Capacity Range

FIU Goal Station Utilization Rate: 60%



# Classroom Weekly Room Use – Engineering Center

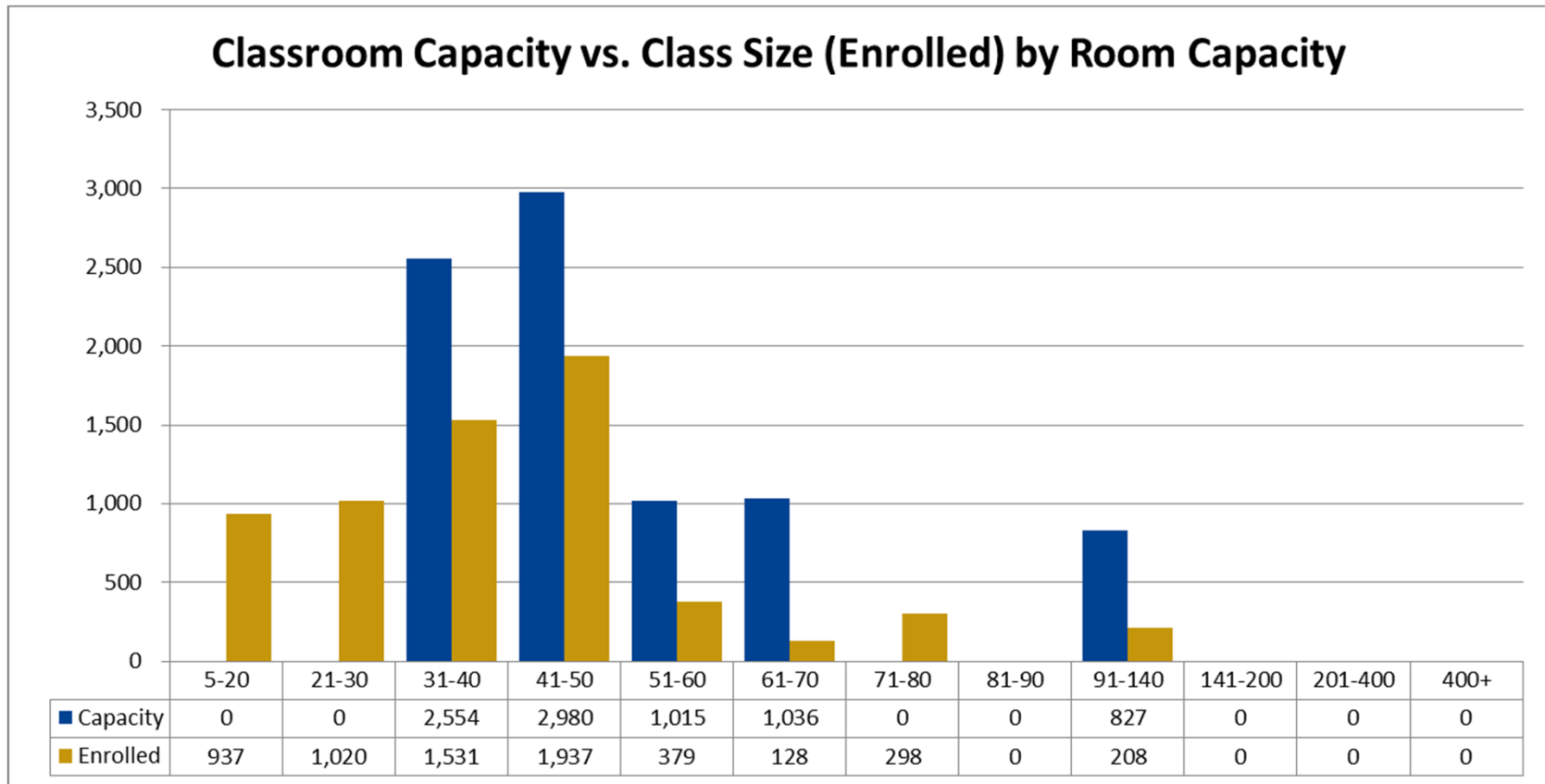
## Average Classroom Weekly Room Use by Room Capacity



## Average Hours Used per Week by Room Capacity Range

Maximum number of hours per week: 50 hours  
FIU Goal number of hours per week: 40 hours (80%)

# Classroom Capacity vs. Enrolled – Engineering Center



**Capacity: Total Maximum Count of Seats per Classroom by Room Capacity**

**Enrolled: Total number of seats based on actual enrolled students by Room Capacity**

*NOTE: Sum of Capacity and Enrolled will not equal since actual enrollment ranges vary per class while capacity is held constant*

# Classroom Daily Use Rate – Biscayne Bay

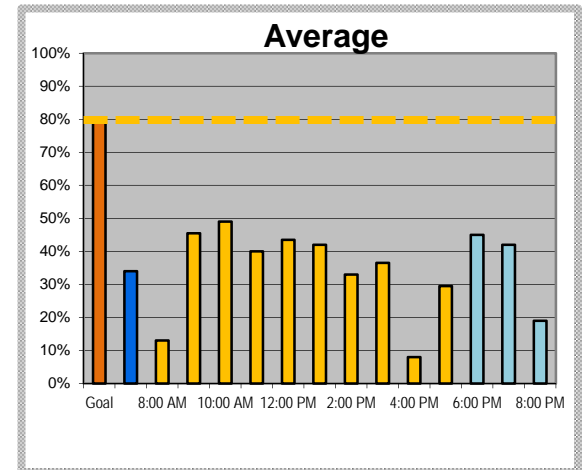
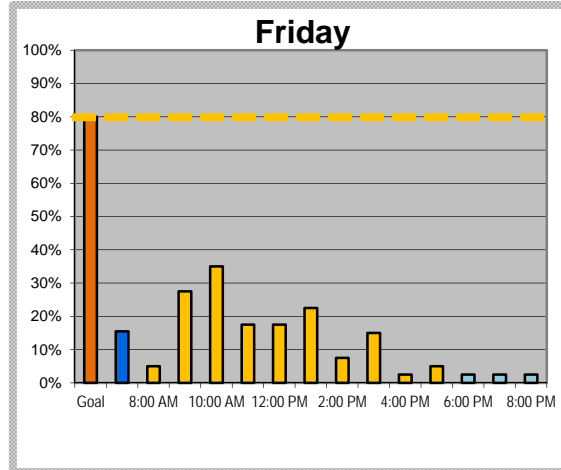
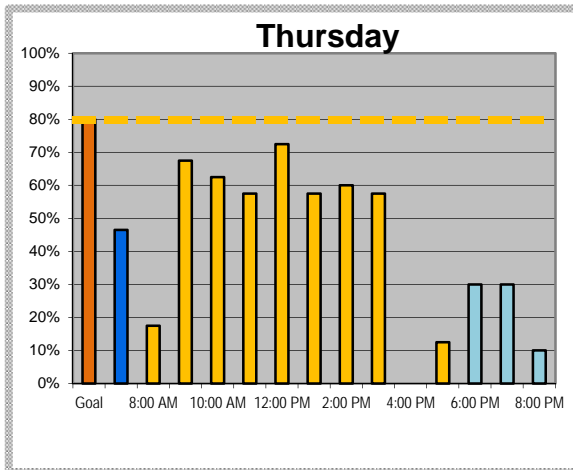
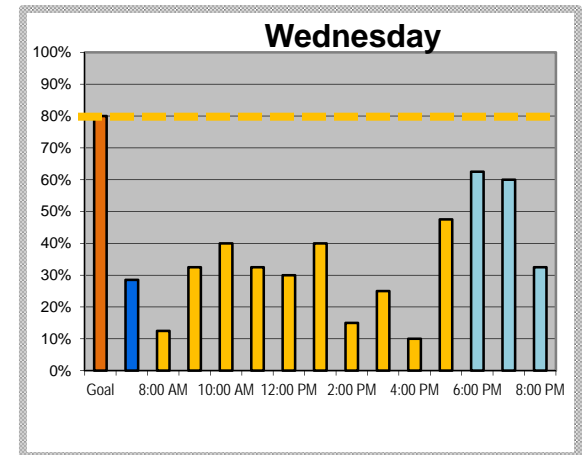
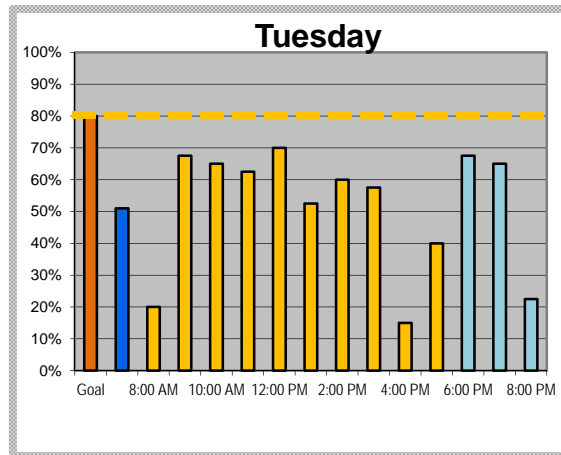
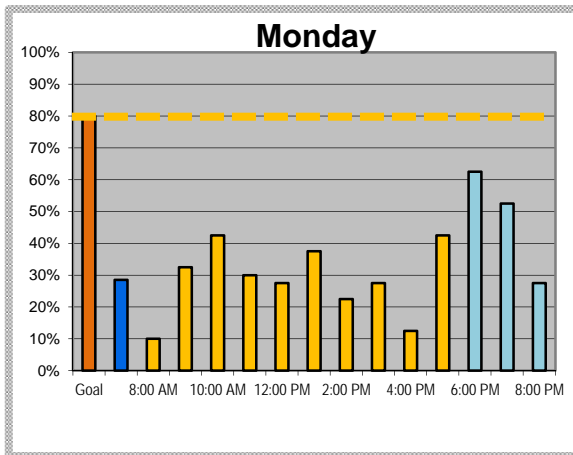
Time of Day	Monday		Tuesday		Wednesday		Thursday		Friday		Average	
	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use	Rms.In Use	% in Use
Max Scheduled	400	100%	400	100%	400	100%	400	100%	400	100%	2100	100%
<b>Goal</b>	320	80%	320	80%	320	80%	320	80%	320	80%	1600	80%
<b>Actual</b>	114	29%	204	51%	114	29%	186	47%	62	16%	680	34%
8:00 AM	4	10%	8	20%	5	13%	7	18%	2	5%	5	13%
9:00 AM	13	33%	27	68%	13	33%	27	68%	11	28%	18	46%
10:00 AM	17	43%	26	65%	16	40%	25	63%	14	35%	20	49%
11:00 AM	12	30%	25	63%	13	33%	23	58%	7	18%	16	40%
12:00 PM	11	28%	28	70%	12	30%	29	73%	7	18%	17	44%
1:00 PM	15	38%	21	53%	16	40%	23	58%	9	23%	17	42%
2:00 PM	9	23%	24	60%	6	15%	24	60%	3	8%	13	33%
3:00 PM	11	28%	23	58%	10	25%	23	58%	6	15%	15	37%
4:00 PM	5	13%	6	15%	4	10%	0	0%	1	3%	3	8%
5:00 PM	17	43%	16	40%	19	48%	5	13%	2	5%	12	30%
6:00 PM	25	63%	27	68%	25	63%	12	30%	1	3%	18	45%
7:00 PM	21	53%	26	65%	24	60%	12	30%	1	3%	17	42%
8:00 PM	11	28%	9	23%	13	33%	4	10%	1	3%	8	19%
Avg Rms Used/Hr between 8-5pm	11.4	29%	20.4	51%	11.4	29%	18.6	47%	6.2	16%	14	34%

Note:

- 40** Total number of classrooms (FICM 110) scheduled Fall 2011
- 42** Total number of classrooms (FICM 110)
- 2** Classrooms not scheduled Fall 2011
- 50** Maximum number of hours per week
- 40** Goal number of hours per week
- 10** Maximum number of hours per day
- 8** Goal number of hours per day

KEY	DESCRIPTION
0%	<b>NO</b> Classrooms Used
8%	Less than 10% Classrooms Used
85%	More than Goal% of Classrooms Used
100%	<b>ALL</b> Classrooms Used

# Classroom Daily Use Rate – Biscayne Bay



## Percentage of Classrooms Used by Time of Day

Maximum number of hours per week:

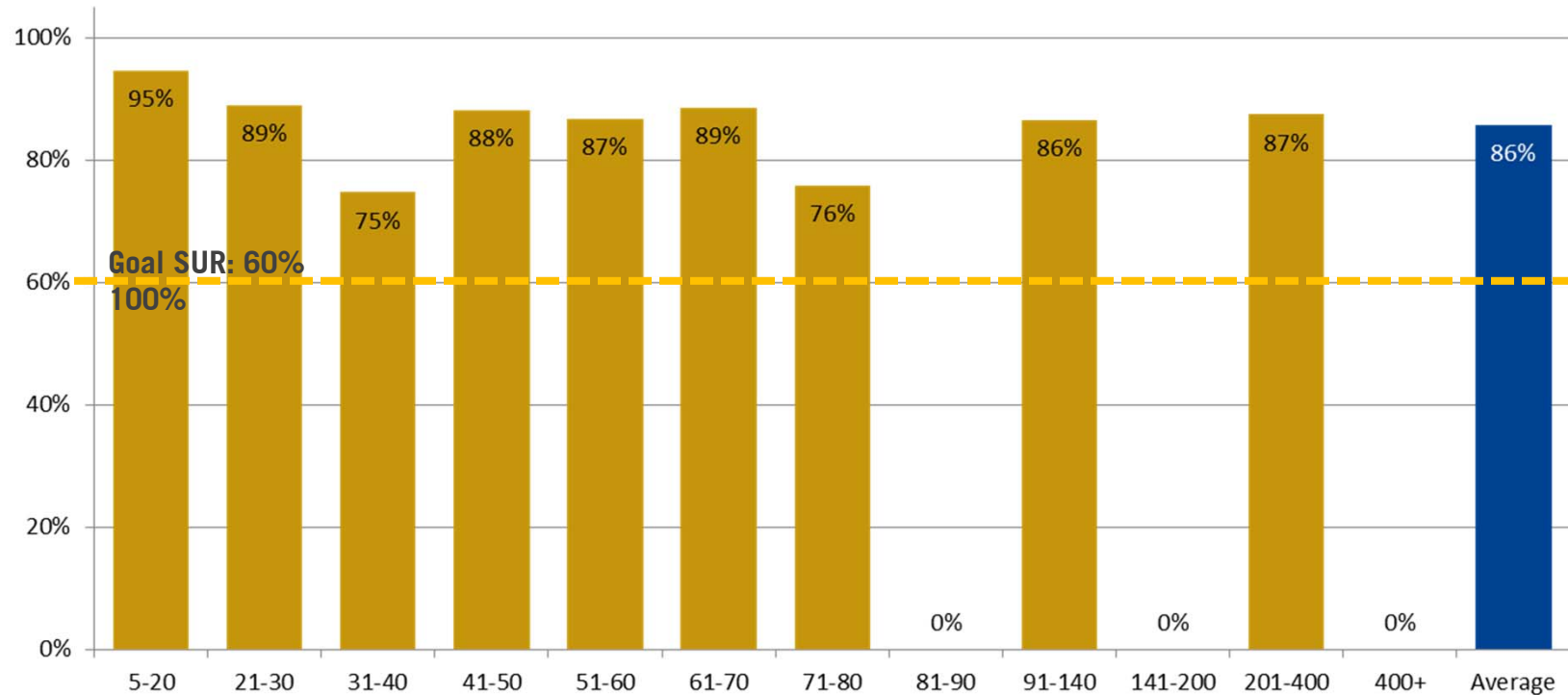
50 hours

FIU Goal number of hours per week:

40 hours (80%)

# Classroom Station Utilization Rate – Biscayne Bay

## Average Classroom Station Utilization Rate by Room Capacity

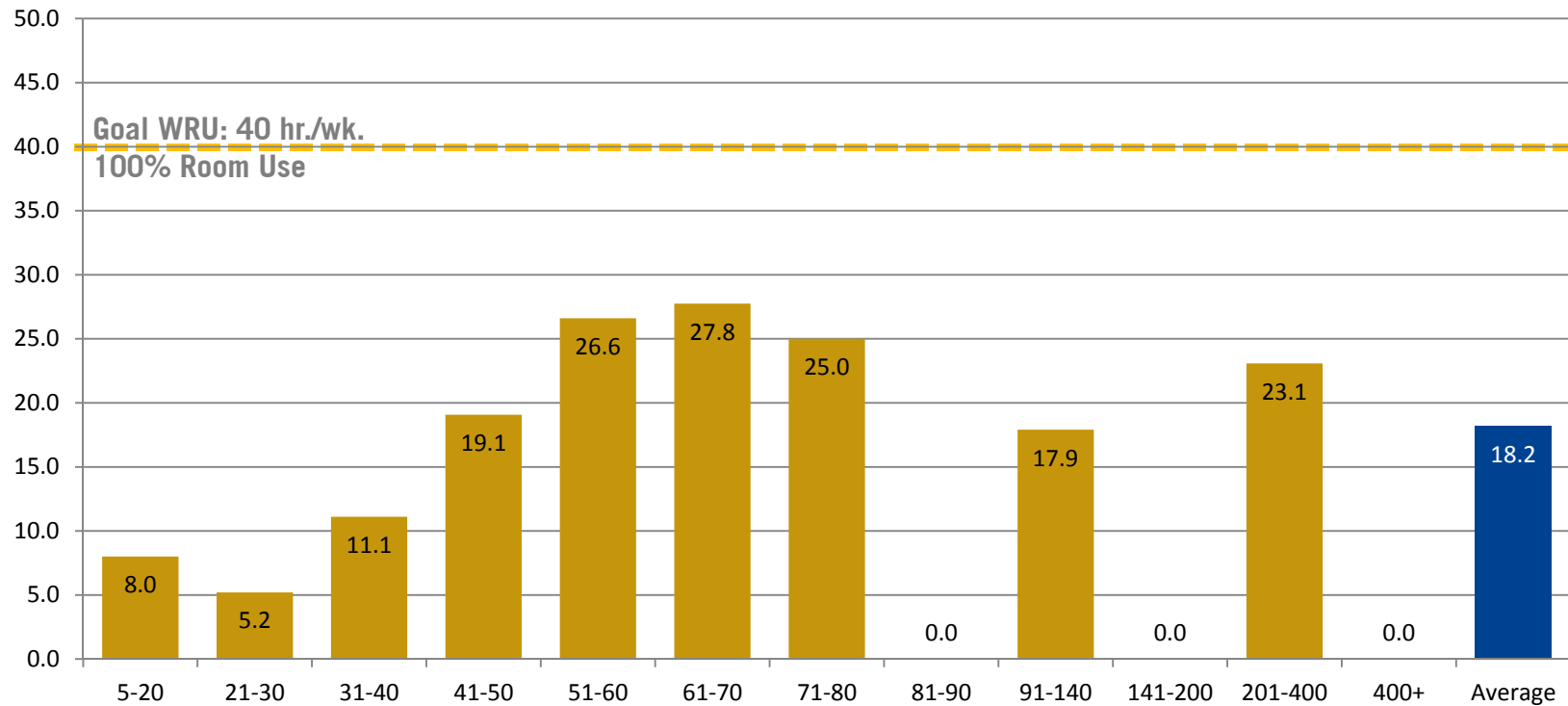


## Average Station Utilization per Week by Room Capacity Range

FIU Goal Station Utilization Rate: 60%

# Classroom Weekly Room Use – Biscayne Bay

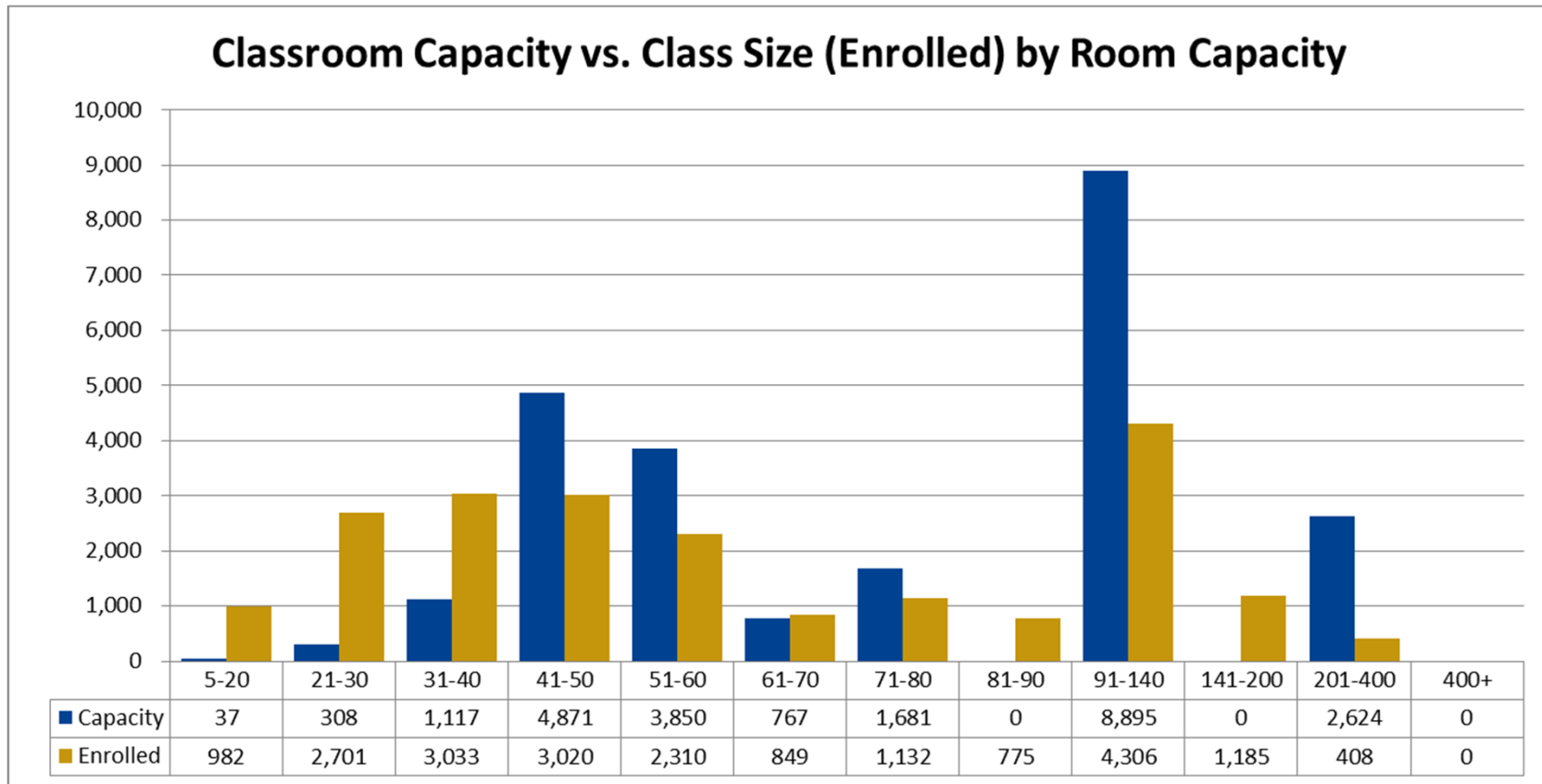
## Average Classroom Weekly Room Use by Room Capacity



## Average Hours Used per Week by Room Capacity Range

Maximum number of hours per week: 50 hours  
FIU Goal number of hours per week: 40 hours (80%)

# Classroom Capacity vs. Enrolled – Biscayne Bay



**Capacity: Total Maximum Count of Seats per Classroom by Room Capacity**

**Enrolled: Total number of seats based on actual enrolled students by Room Capacity**

*NOTE: Sum of Capacity and Enrolled will not equal since actual enrollment ranges vary per class while capacity is held constant*

# Future Space Needs and Potential Facility Development



# FIU CIP Assumptions for campus location and date

## FIU- CIP Assumptions

No Demolition indicated

		Modesto Maidique								Biscayne Bay	Modesto Maidique			
		2015									2020			
		Student Academic Support Center	Humanities Center (Arts & Sciences)	Green Library Addition	Graduate School of Business-Phase II	Engineering Building	Training Complex	Honors College	Social Science Phase II	Maidique 2015 Total	Classroom/Office - Academic III	2015 Total All Campuses	Science Laboratory Complex	2020 Total
110	Classrooms	6,000	4,000		9,900	3,960		21,500	9,000	54,360	8,000	62,360	7,500	7,500
210	Teaching Lab		15,000		3,410	6,000				24,410		24,410	4,000	4,000
250	Research Labs		5,000							5,000	8,000	13,000	28,000	28,000
300	Offices	32,400	15,500		40,740	4,400	14,420	11,400	16,878	135,738	16,800	152,538	20,000	20,000
400	Library	10,000	4,000	88,000	800				3,200	106,000	6,000	112,000	17,000	17,000
530	Media Production								1,000	1,000	800	1,800	2,000	2,000
590	Other		5,000		970	3,000	850	8,600	600	19,020	400	19,420		0
610	Assembly							7,600		7,600		7,600		0
690	Meeting Room	1,600								1,600		1,600	1,000	1,000
710	Central Computer / Telecomm						10,000	5,000		15,000		15,000		0
<b>TOTAL</b>		<b>50,000</b>	<b>48,500</b>	<b>88,000</b>	<b>55,820</b>	<b>17,360</b>	<b>25,270</b>	<b>49,100</b>	<b>35,678</b>	<b>369,728</b>	<b>40,000</b>	<b>409,728</b>	<b>79,500</b>	<b>79,500</b>

# Modesto Maidique Campus Space Needs

## MODESTO A. MAIDIQUE CAMPUS

Fall 2011							Year 2015				Year 2020				Year 2020																																																																																																																																				
							Florida Board of Governors 2013-2014 Fixed Capital Outlay Budget Request				Florida Board of Governors 2020 Fixed Capital Outlay Budget Request																																																																																																																																								
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Space Code	Florida Standard	Existing ASP	Exisg ASFFTE	Guideline ASFFTE	Guideline ASF	Surplus (Deficit)	Projected ASP <sup>a</sup>	Guideline ASF	Surplus (Deficit)	Projected ASF	Guideline ASF	Surplus (Deficit)																																																																																																																																							
814	Classrooms (Office of Class Mgmt)	1207	12,08	12,08	10,64	206,692	54,380	181,227	236,667	64,440	181,227	262,397	(81,170)																																																																																																																																						
811	Classrooms (Departmentally Controlled)	12,08	17,100	0,88	1,42	27,631	0	17,100	31,504	(14,404)	17,100	35,078	(17,978)																																																																																																																																						
214	Teaching Labs + Service	13,77	166,744	8,59	13,77	267,372	24,410	191,154	304,854	(113,700)	270,654	339,431	(68,777)																																																																																																																																						
220	Open Labs		82,599	4,77	5,00	97,985	0	82,599	110,696	(28,096)	82,599	123,250	(40,651)																																																																																																																																						
355	Research Labs + Service	9,88	157,011	8,09	9,88	191,840	0	157,011	218,733	(61,722)	157,011	243,542	(86,531)																																																																																																																																						
300	Offices / Computer	36,88	676,016	29,67	36,88	716,099	136,738	711,764	816,486	(104,722)	711,764	909,092	(197,328)																																																																																																																																						
360	Conference	19,16 per Off	60,042	2,58	incl w/ Off	1,25-30	0	60,042	0	incl w/ Off	incl w/ Off	incl w/ Off	incl w/ Off																																																																																																																																						
350	Study / Library	17,54	178,494	9,19	17,54	340,674	106,000	284,494	388,318	(103,824)	284,494	432,361	(147,867)																																																																																																																																						
500	Teaching Gymnasium	5,77	97,892	5,03	5,77	112,638	0	97,892	127,742	(30,850)	97,892	142,231	(44,339)																																																																																																																																						
530	Media Production	1,15	11,520	0,59	1,15	21,941	1,000	12,500	25,017	(12,497)	12,500	27,855	(15,355)																																																																																																																																						
540	Clinic		4,846	0,25	0,40	7,797	0	4,846	8,856	(4,010)	4,846	9,880	(5,034)																																																																																																																																						
600	Demonstration		4,033	0,21	0,10	1,942	0	4,033	2,214	1,819	4,033	2,465	1,568																																																																																																																																						
684	Field Buildings		0	0,00	0,00	0	0	0	0	0	0	0	0																																																																																																																																						
689	Animal Quarters (off site ?)		3,117	0,16	0,00	3,117	0	3,117	3,654	(537)	3,117	0	3,117																																																																																																																																						
690	Greenhouses		4,842	0,25	0,50	9,709	0	4,842	11,070	(6,228)	4,842	12,325	(7,483)																																																																																																																																						
698	Other		1,601	0,08	0,08	1,553	19,020	20,621	1,771	20,621	1,972	18,649	18,649																																																																																																																																						
610	Assembly	3,00	55,614	2,86	3,00	68,251	17,179	63,214	66,417	(3,203)	63,214	73,950	(10,736)																																																																																																																																						
620	Exhibition		19,816	1,02	Incl w/ Assembly	—	0	19,816	0	Incl w/ Assembly	19,816	0	Incl w/ Assembly																																																																																																																																						
630	Food Service (HC basis)		44,868	2,30	6,00	199,194	0	44,868	227,118	(182,400)	44,868	228,314	(181,846)																																																																																																																																						
640	Day Care		0	0,00	0,00	0	0	0	0	0	0	0	0																																																																																																																																						
650	Student Lounge		24,769	1,28	2,50	48,543	0	24,769	55,348	(30,579)	24,769	61,626	(36,856)																																																																																																																																						
660	Merchandizing		39,984	2,06	2,21	42,912	0	39,984	48,827	(8,843)	39,984	64,477	(24,493)																																																																																																																																						
670	Recreation		35,984	1,85	1,50	29,126	0	35,984	33,209	2,775	35,984	36,975	(991)																																																																																																																																						
680	Meeting Room (other than 690)		38,350	—	3,00	38,000	0	38,350	43,327	(4,977)	38,350	73,950	(35,600)																																																																																																																																						
690	Student Academic Meeting Room		3,350	0,17	0,60	19,417	1,600	4,959	22,139	(17,181)	4,959	14,790	(9,832)																																																																																																																																						
710	Central Computer / Telecomm	7,08	68,630	3,02	7,08	137,472	15,000	73,630	156,744	(83,114)	73,630	73,630	0																																																																																																																																						
711	E-Learning Support	Basis ? Use Report ???	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																						
720	Shop / Central Service		0	0,00	Incl above	—	Incl above	0	0	0	0	0	0																																																																																																																																						
730	Central Storage		0	0,00	Incl above	—	Incl above	0	0	0	0	0	0																																																																																																																																						
740	Vehicle Storage (ramps not incl)		0	0,00	Incl above	—	Incl above	0	0	0	0	0	0																																																																																																																																						
750	Central Service		0	0,00	Incl above	—	Incl above	0	0	0	0	0	0																																																																																																																																						
760	Hazardous Materials		0	0,00	Incl above	—	Incl above	0	0	0	0	0	0																																																																																																																																						
800	Health Care		8,319	0,43	0,30	5,825	0	8,319	6,642	1,666	8,319	10,661	(2,342)																																																																																																																																						
<b>TOTAL ACADEMIC SPACE</b>																																																																																																																																																			
							1,822,016	91,98	129,31	2,584,097	(762,081)	2,211,202	3,168,128,25	(966,742)																																																																																																																																					
2,373,572 = all 3 campuses																																																																																																																																																			
							389,728	2,191,744	2,948,362	(823,206)	79,600	221,776	3,168,128,25	(966,742)																																																																																																																																					
							Diff		362,255		Diff		221,776																																																																																																																																						

# Engineering Center Campus Space Needs

## ENGINEERING CENTER

Fall 2011			
	HC	FTE	
Undergrad	1,942	864	
Graduate	514	191	
<b>Total Students</b>	<b>2,456</b>	<b>1,055</b>	
<i>E-Learning Students</i>			
Staff Admin + Prof			
General Staff			

2015			
	HC	FTE	
Undergrad	2,093	979	
Graduate	554	209	
<b>Total Students</b>	<b>2,647</b>	<b>1,188</b>	
<i>E-Learning Students</i>			
Staff Admin + Prof			
General Staff			

2020			
	HC	FTE	
Undergrad	2,302	1,137	
Graduate	616	242	
<b>Total Students</b>	<b>2,918</b>	<b>1,379</b>	
<i>E-Learning Students</i>			
Staff Admin + Prof			
General Staff			

2020	
Surplus (Deficit)	
(4,636)	

Space Code	Space Category	Florida Standard <sup>1</sup>	FIU Calc	Fall 2011				2015				2020				Surplus (Deficit)
				Existing ASF <sup>a</sup>	Exstg ASF/FTE	Guideline ASF/FTE	Surplus (Deficit)	Projected Exstg ASF <sup>a</sup>	Guideline ASF	Surplus (Deficit)	Projected Exstg ASF	Guideline ASF	Surplus (Deficit)			
110	Classrooms + Service	12.06		12,022	11.40	12.06	12,744	(722)	12,022	13,538	(1,516)	12,022	16,658	(4,636)		
111	Dedicated Classrooms + Service	12.06		0	0.00	0.00	0	0	0	0	0	0	0	0		
210	Teaching Labs + Service	13.77		13,230	12.54	13.77	14,527	(1,297)	13,230	14,898	(1,668)	13,230	18,989	(5,759)		
220	Open Labs			7,547	7.15	5.00	5,275	2,272	7,547	5,940	1,607	7,547	6,885	652		
250	Research Labs + Service	9.99		78,788	74.68	9.99	10,423	68,365	78,788	11,737	67,051	78,788	13,625	65,163		
300	Offices / Computer	36.96		61,172	57.98	36.96	38,908	22,264	61,172	43,813	17,359	61,172	50,858	10,314		
350	Conference Center	### per Off		—	5,234	4.96	incl w/ Off	—	—	5,234	incl w/ Off	—	—	—		
400	Study / Library	17.54		987	0.94	17.54	18,505	(17,518)	987	20,638	(19,651)	987	24,188	(23,201)		
520	Teaching Gymnasium	0.00		0	0.00	0.00	0	0	0	0	0	0	0	0		
530	Media Production	1.13		0	0.00	1.13	1,192	(1,192)	0	1,342	(1,342)	0	1,558	(1,558)		
540	Clinic	0		0	0.00	0.40	422	(422)	0	475	(475)	0	552	(552)		
550	Demonstration	0		0	0.00	0.10	106	(106)	0	119	(119)	0	138	(138)		
560	Field Buildings	0		0	0.00	—	—	—	—	—	—	—	—	—		
570	Animal Quarters	0		0	0.00	—	—	—	—	—	—	—	—	—		
580	Greenhouses	0		0	0.00	0.50	528	(528)	0	594	(594)	0	690	(690)		
590	Other	0		0	0.00	0.00	0	0	0	0	0	0	0	0		
610	Assembly	3.00		0	0.00	3.00	3,165	(3,165)	0	3,564	(3,564)	—	4,137	(4,137)		
620	Exhibition	0		0	0.00	incl w/ Assembly	—	—	—	—	—	—	—	—		
630	Food Service (HC basis)			7,090	6.72	6.00	6,300	700	7,090	7,128	(38)	7,090	8,274	(1,184)		
640	Day Care	0		0	0.00	0.00	0	0	0	0	0	0	0	0		
650	Student Lounge	0		0	0.00	2.50	2,638	(2,638)	0	2,970	(2,970)	0	3,448	(3,448)		
660	Merchandising	0		0	0.00	2.21	2,332	(2,332)	0	2,625	(2,625)	0	3,048	(3,048)		
670	Recreation	0		0	0.00	1.50	1,583	(1,583)	0	1,782	(1,782)	0	2,069	(2,069)		
680	Meeting Room (other than 690)	0		0	0.00	3.00	3,693	(2,688)	0	3,564	(2,559)	1,005	4,137	(3,132)		
690	Student Academic Meeting Room	0		0	0.00	0.60	633	(633)	0	713	(713)	0	827	(827)		
710	Central Computer / Telecomm	7.06		0	3.03	7.09	7,469	(4,276)	3,193	6,411	(5,218)	3,193	9,763	(6,570)		
711	E-Learning Support		Basis ? Use Report ???	0	—	—	—	—	0	0	0	0	0	0		
720	Shop / Central Service	0		161	—	—	—	161	161	0	161	161	0	161		
730	Central Storage	0		2,800	—	—	—	2,800	2,800	0	2,800	2,800	0	2,800		
740	Vehicle Storage (ramps not incl)	0		0	—	—	—	0	0	0	0	0	0	0		
750	Central Service	0		67	—	—	—	67	67	0	67	67	0	67		
760	Hazardous Materials	0		165	—	—	—	165	165	0	165	165	0	165		
800	Health Care	0		67	0.30	0.30	317	(250)	67	356	(289)	67	414	(347)		
<b>TOTAL ACADEMIC SPACE</b>				185,101	180.65	123.47	130,788	54,313	0	168,294	144,408	24,886	168,294	170,265	14,997	

<sup>a</sup> Exstg ASF spreadsheet forwarded by FIU Dept of Space Mgmt

2,373,572 = all 3 campus

# Biscayne Bay Campus Space Needs

## BISCAYNE BAY CAMPUS

Fall 2011		HC	FTE
Undergrad		6,713	2,606
Graduate		560	289
Total Students		7,273	2,895
E-Learning Students			
Staff Admin + Prof			
General Staff			

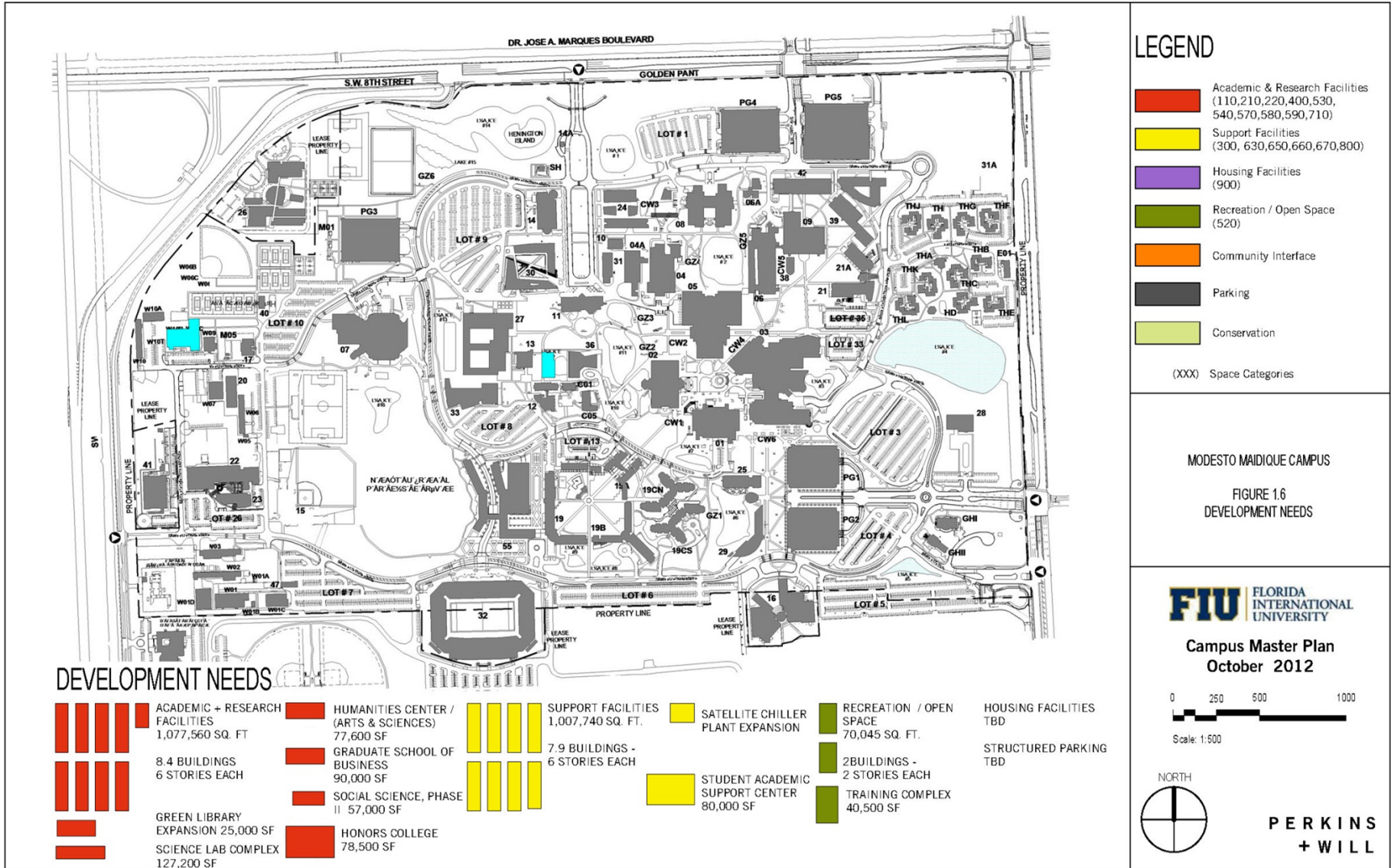
2015		HC	FTE
Undergrad		7,236	2,950
Graduate		602	317
Total Students		7,838	3,267
E-Learning Students			
Staff Admin + Prof			
General Staff			

2026		HC	FTE
Undergrad		8,359	3,526
Graduate		696	380
Total Students		9,055	3,906
E-Learning Students			
Staff Admin + Prof			
General Staff			

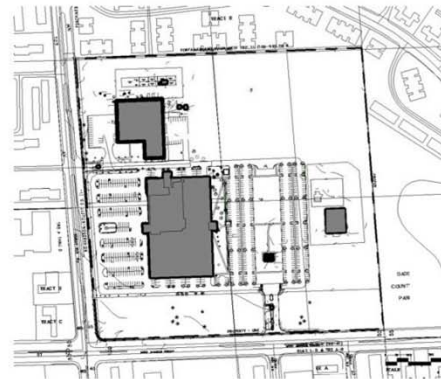
2026

Space Code	Space Category	Florida Standard	Existing ASF*	Exstg ASF/FTE	Guideline ASF/FTE	Guideline ASF	Surplus (Deficit)	Projected Exstg ASF*	Guideline ASF	Surplus (Deficit)	Projected Exstg ASF	Guideline ASF	Surplus (Deficit)		
110	Classrooms + Service	11.94	38,458	13.28	11.64	34,277	4,181	8000	38,458	38,681	38,458	48,247	(7,789)		
111	Dedicated Classrooms + Service	11.94	0	0.00	0.00	0	0		0	0	0	0	0		
210	Teaching Labs + Service		43,490	15.02	9.73	28,168	15,322		43,490	31,788	43,490	38,005	5,485		
220	Open Labs		20,168		5.00	14,475	5,693		20,168	16,335	20,168	19,530	638		
250	Research Labs + Service	13.08	25,240	8.72	13.09	37,867	(12,627)	8000	25,240	42,732	25,240	51,090	(25,850)		
300	Offices / Computer	29.08	99,686	29.08	29.08	84,187	23,710	16800	99,686	95,004	99,686	113,586	(13,900)		
350	Conference Rooms	20.94 per Off	8,211	2.84	Incl w/ Office				8,211						
400	Study / Library	17.54	35,084	12.12	17.54	50,778	(15,694)	6000	35,084	57,303	35,084	68,511	(33,427)		
520	Teaching Gymnasium	0.00	8,887	3.07	0.00	0	8,887		8,887	0	8,887	0	8,887		
530	Media Production	0.50	1,956	0.68	0.50	1,448	509	800	1,956	1,634	1,956	1,953	3		
540	Clinic		209	0.07	0.40	1,158	(949)		209	1,307	209	1,562	(1,353)		
550	Demonstration		0	0.00	0.10	290	(290)		0	327		390.6			
560	Field Buildings		0	0.00					0						
570	Animal Quarters		0	0.00					0						
580	Greenhouses		0	0.00	0.50	1,448	(1,448)		0	1,634	0	1,953	(1,953)		
590	Other		49	0.00			49	400	49	0	49	49	0		
610	Assembly	3.00	15,485	5.35	3.00	8,685	7,505		15,485	9,801	15,485	11,718	3,767		
620	Exhibition		705	Incl w/ Assembly					705		Included Above in Cat 61C				
630	Food Service (HC basis)		7,984	2.76	6.00	17,370	(9,386)		7,984	47,028	7,984	54,330	(46,346)		
640	Day Care			Off Site					Off Site						
650	Student Lounge		9,059	3.13	2.50	7,238	1,822		9,059	8,168	9,059	9,765	(706)		
660	Merchandising		0	0.00	2.21	6,398	(6,398)		0	7,220	0	8,632	(8,632)		
670	Recreation		673	0.23	1.50	4,343	(3,670)		673	4,901	673	5,859	(5,186)		
680	Meeting Room (other than 690)		28,866	9.97	3.00	19,602	9,264		28,866	9,801	28,866	11,718	17,148		
690	Student Academic Meeting Room		1,737	0.00	0.60	1,737	0		1,737		Included Above in Cat 69C	2,344			
710	Central Computer / Telecomm		726	6.67	7.08	20,487	(1,200)		726	23,130	726	27,654	(8,357)		
711	E-Learning Support		0						0						
720	Shop / Central Service		5,799	Included in Cat 710		Included in Cat 710			Included in Cat 710		Included in Cat 71C		0		
730	Central Storage		12,296	Included in Cat 710		Included in Cat 710			Included in Cat 710		Included in Cat 71C				
740	Vehicle Storage (ramps not incl)		306	Included in Cat 710		Included in Cat 710			Included in Cat 710		Included in Cat 71C				
750	Central Service		0	Included in Cat 710		Included in Cat 710			Included in Cat 710		Included in Cat 71C				
760	Hazardous Materials		170	Included in Cat 710		Included in Cat 710			Included in Cat 710		Included in Cat 71C				
800	Health Care		1,211	7.825	0.30	869	343		1,211	880	1,211	1,172	39		
			366,455	7,938.08	113.96	340,831	25,624	40000	347,884	397,773	0	337,231	476,071	(117,535)	
			2,373,572 = all 15%												
									Diff	56,942		Diff	78,298		

# Modesto Maidique- Development Needs Diagram



# Engineering Center Campus- Development Needs Diagram



## LEGEND

- Academic & Research Facilities  
(110,210,220,400,530,  
540,570,580,590,710)
  - Support Facilities  
(300, 630,650,660,670,800)
  - Housing Facilities  
(900)
  - Recreation / Open Space  
(520)
  - Community Interface
  - Parking
  - Conservation
- (XXX) Space Categories

ENGINEERING CENTER CAMPUS  
FIGURE 2.3  
DEVELOPMENT NEEDS

**FIU** FLORIDA  
INTERNATIONAL  
UNIVERSITY

Campus Master Plan  
October 2012



**PERKINS  
+ WILL**

## DEVELOPMENT NEEDS

ACADEMIC + RESEARCH FACILITIES  
NO ADDITIONAL SPACE NEEDED

ENGINEERING BUILDING  
27,840 SF

SUPPORT FACILITIES  
22,000 SQ. FT.

0.2 BUILDINGS - 1 STORY

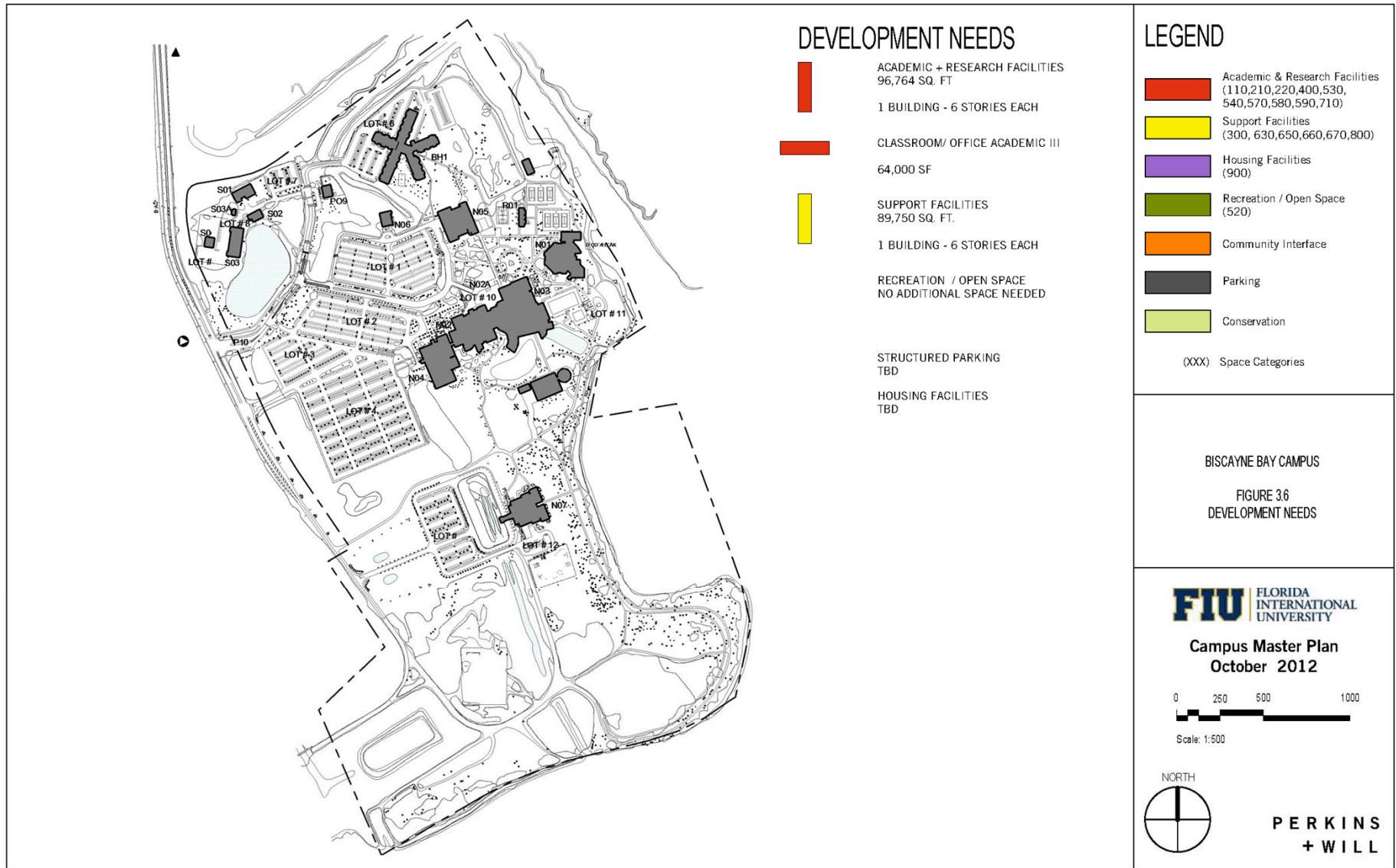
RECREATION / OPEN SPACE  
3,200 SQ. FT.

0.1 BUILDING - 1 STORY

HOUSING FACILITIES  
TBD

STRUCTURED PARKING  
TBD

# Biscayne Bay- Development Needs Diagram



## DEVELOPMENT NEEDS

- ACADEMIC + RESEARCH FACILITIES  
96,764 SQ. FT.  
1 BUILDING - 6 STORIES EACH
- CLASSROOM/ OFFICE ACADEMIC III  
64,000 SF
- SUPPORT FACILITIES  
89,750 SQ. FT.  
1 BUILDING - 6 STORIES EACH
- RECREATION / OPEN SPACE  
NO ADDITIONAL SPACE NEEDED
- STRUCTURED PARKING  
TBD
- HOUSING FACILITIES  
TBD

## LEGEND

- Academic & Research Facilities  
(110,210,220,400,530,  
540,570,580,590,710)
  - Support Facilities  
(300, 630,650,660,670,800)
  - Housing Facilities  
(900)
  - Recreation / Open Space  
(520)
  - Community Interface
  - Parking
  - Conservation
- (XXX) Space Categories

BISCAYNE BAY CAMPUS  
FIGURE 3.6  
DEVELOPMENT NEEDS



Campus Master Plan  
October 2012

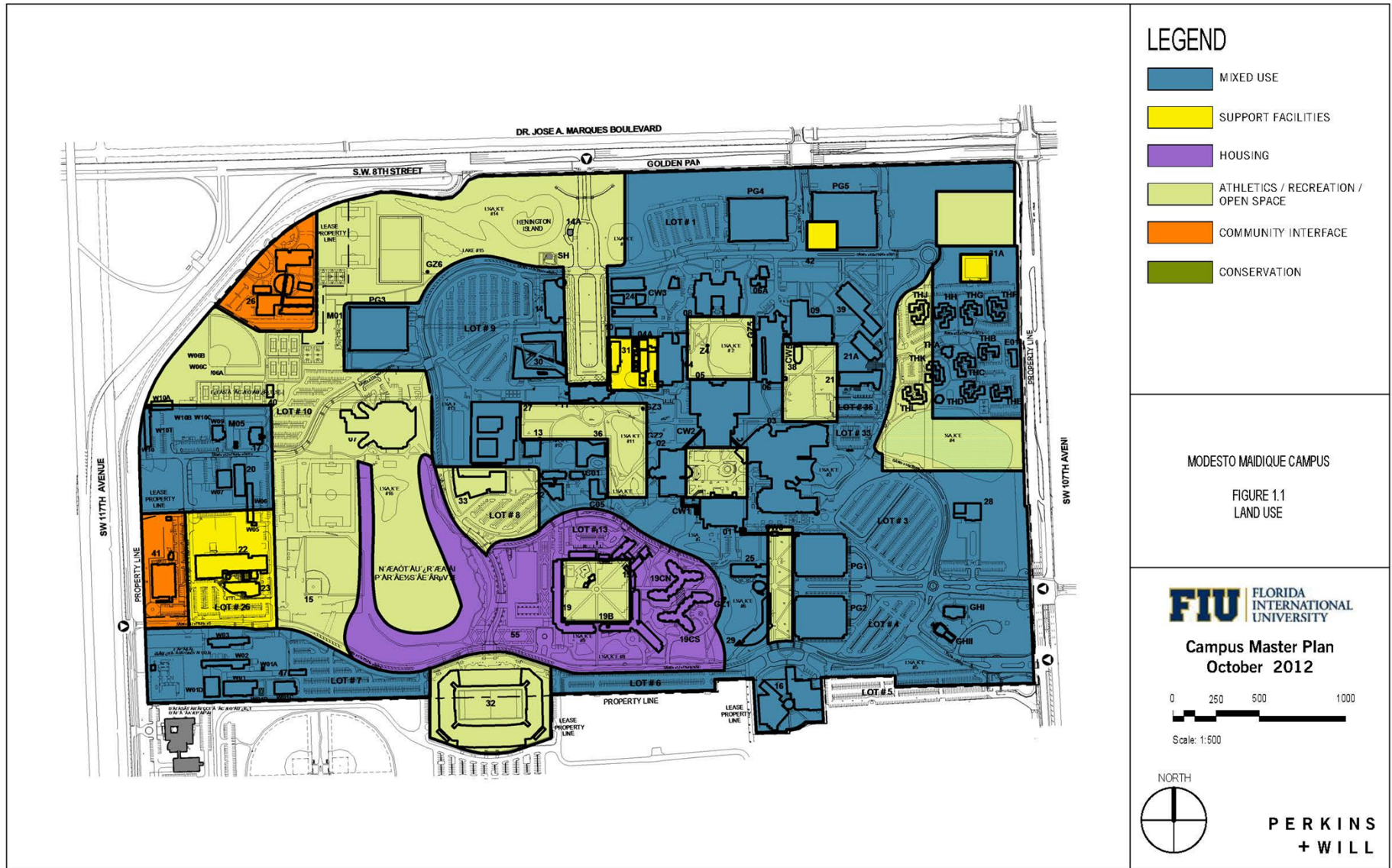


PERKINS  
+ WILL

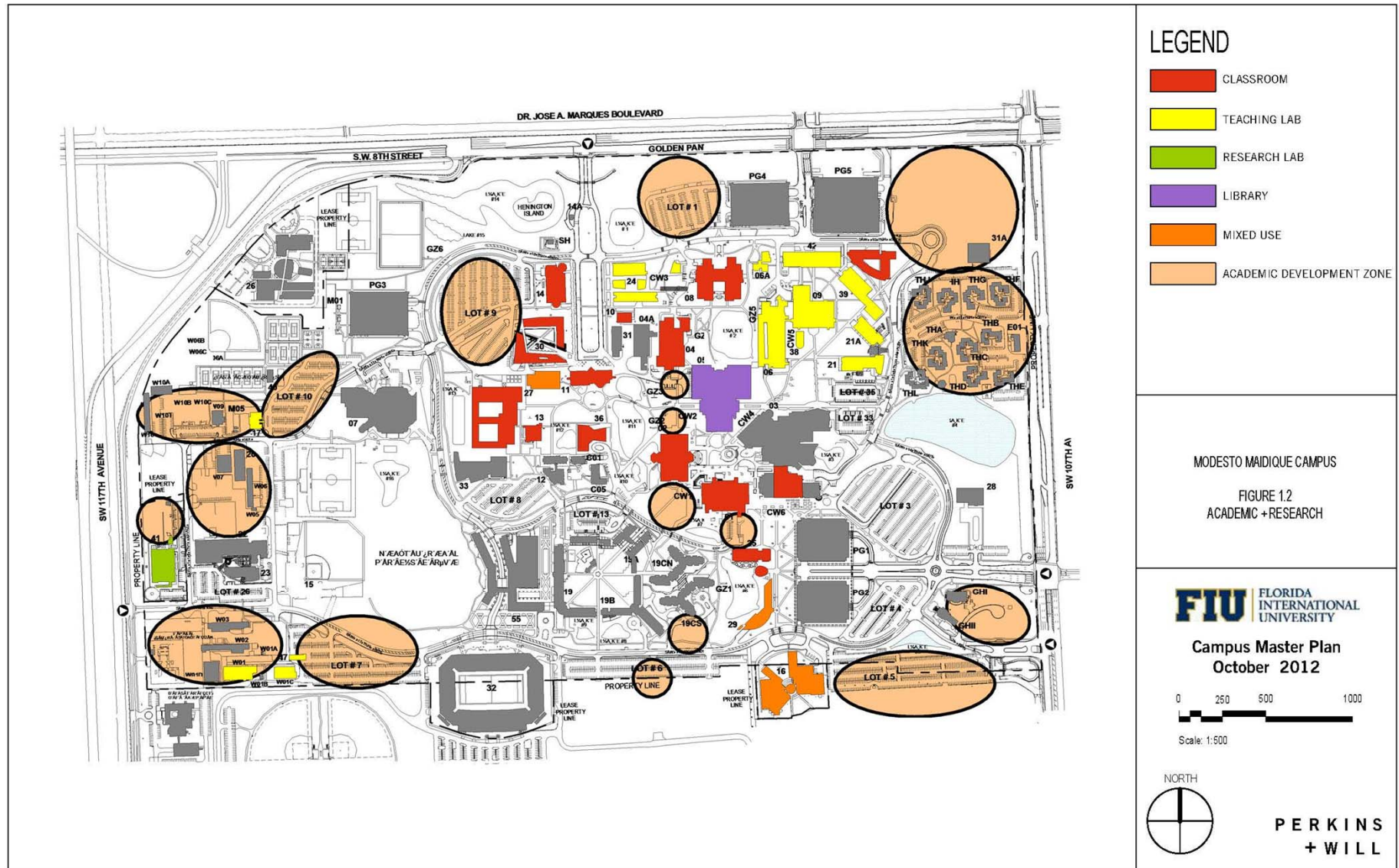
# Planning Elements: Potential Development Zones



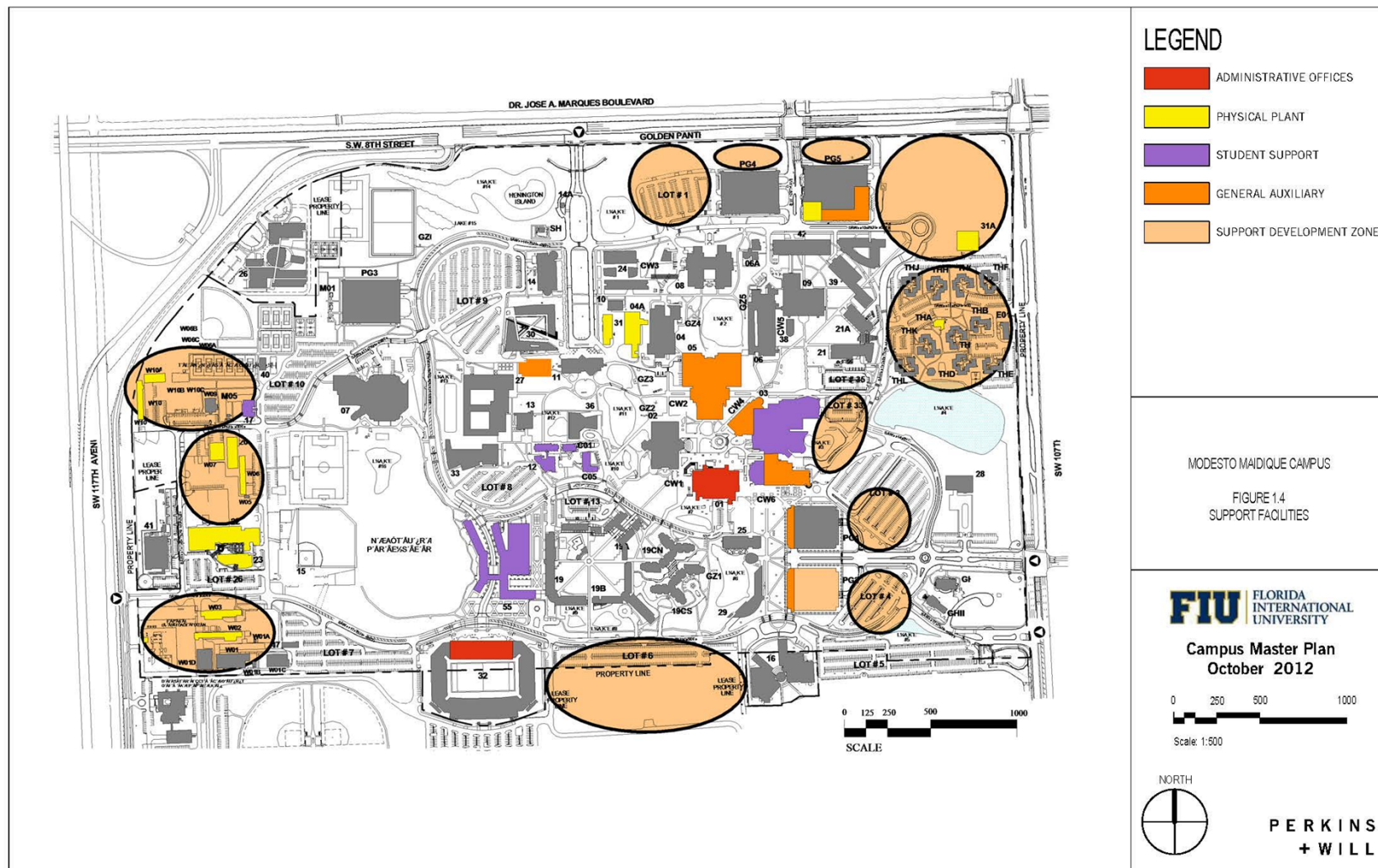
# MMC - Potential Land Use Zones



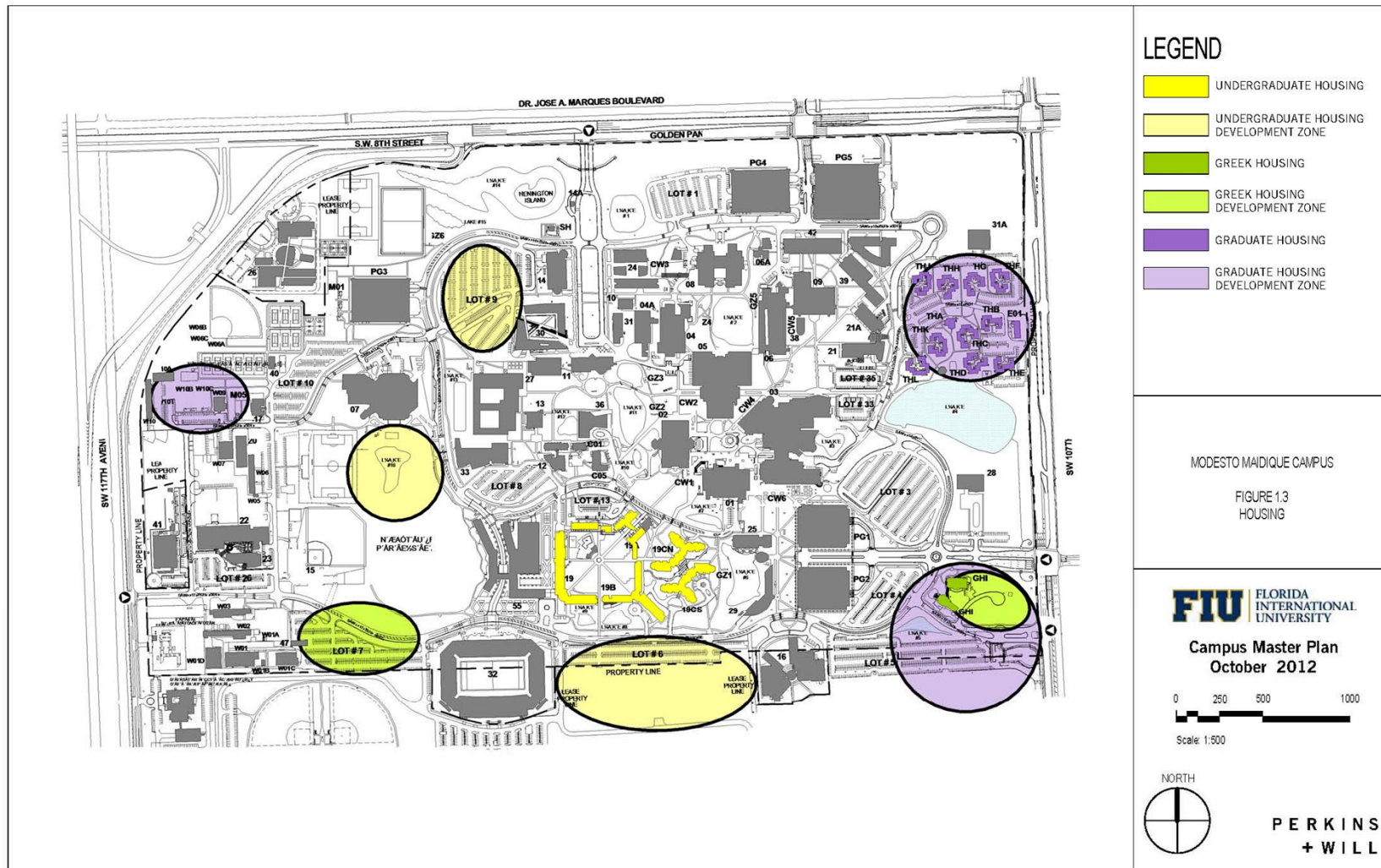
# MMC - Potential Academic/Research Development Zones



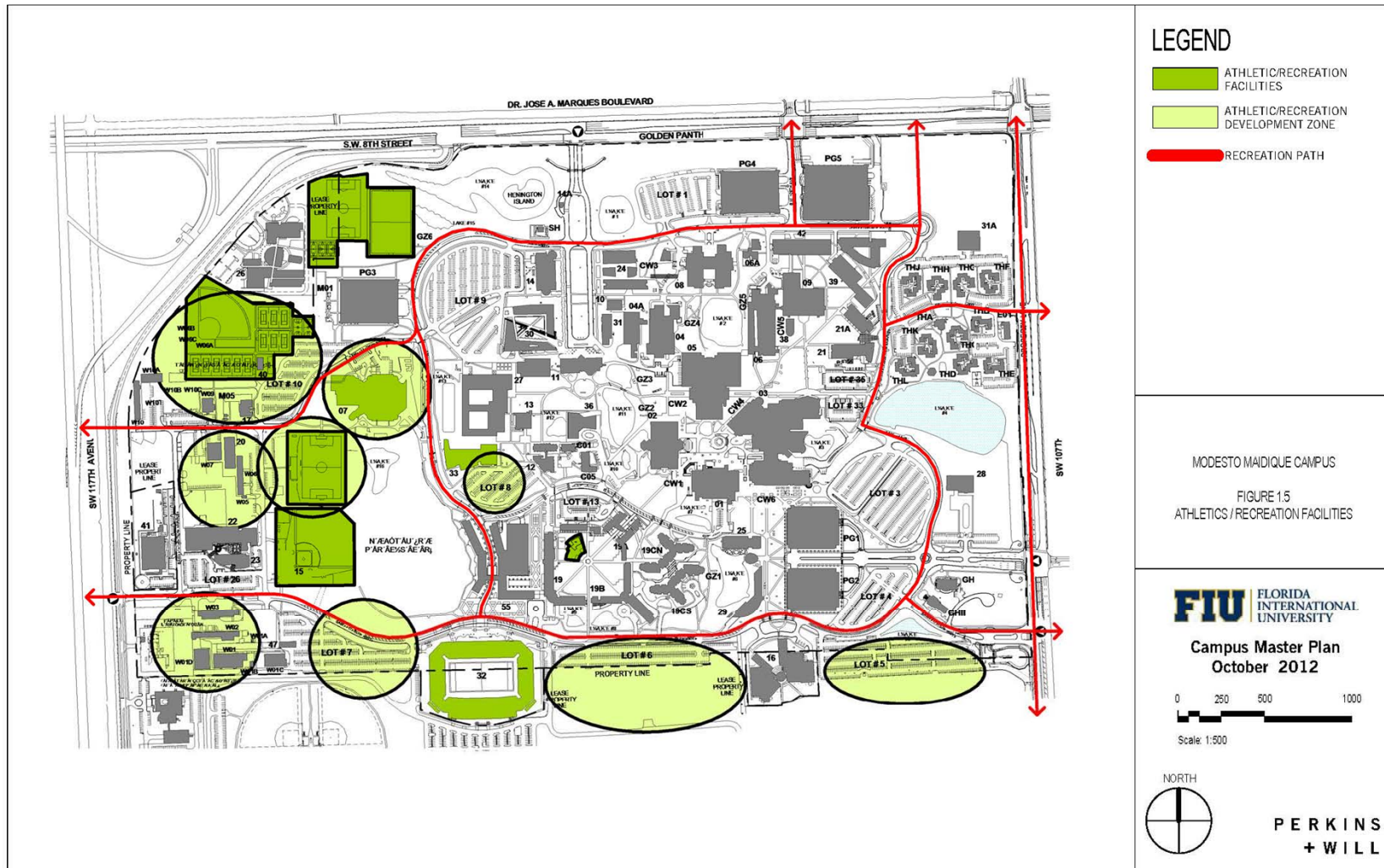
# MMC – Potential Support Development Zones



# MMC – Potential Housing Development Zones



# MMC – Potential Athletics/Rec Development Zones



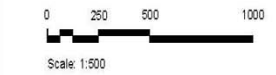
**LEGEND**

- ATHLETIC/RECREATION FACILITIES
- ATHLETIC/RECREATION DEVELOPMENT ZONE
- RECREATION PATH

MODESTO MAIDIQUE CAMPUS  
 FIGURE 1.5  
 ATHLETICS / RECREATION FACILITIES

**FIU** FLORIDA INTERNATIONAL UNIVERSITY

Campus Master Plan  
 October 2012



NORTH

**PERKINS + WILL**

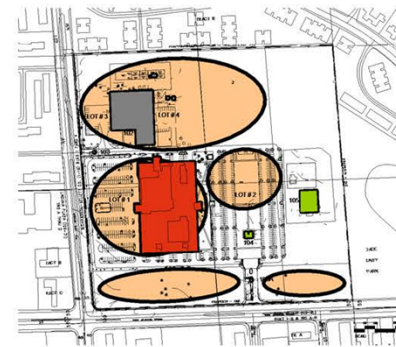
# EC – Potential Land Use and Academic/Research Zones



① ENGINEERING CENTER CAMPUS - LAND USE  
1" = 500'

## LEGEND

- MIXED USE
- SUPPORT FACILITIES
- HOUSING
- ATHLETICS / RECREATION / OPEN SPACE
- COMMUNITY INTERFACE
- CONSERVATION



② ENGINEERING CENTER CAMPUS - ACADEMIC/RESEARCH  
1" = 500'

## LEGEND

- CLASSROOM
- TEACHING LAB
- RESEARCH LAB
- LIBRARY
- MIXED USE
- ACADEMIC DEVELOPMENT ZONE

ENGINEERING CENTER CAMPUS

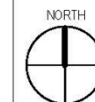
FIGURE 2.1  
LAND USE +  
ACADEMIC + RESEARCH



Campus Master Plan  
October 2012



Scale: 1:500



PERKINS  
+ WILL

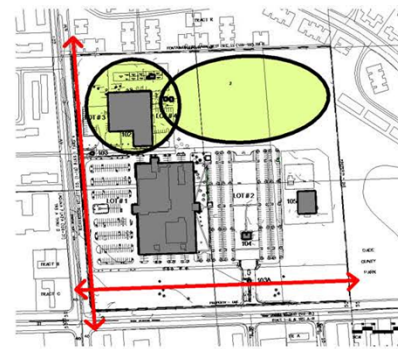
# EC – Potential Support and Athletics/Rec Zones



① ENGINEERING CENTER CAMPUS-SUPPORT FACILITIES  
1"=500'

## LEGEND

- ADMINISTRATIVE OFFICES
- PHYSICAL PLANT
- STUDENT SUPPORT
- GENERAL AUXILIARY
- SUPPORT DEVELOPMENT ZONE



② ENGINEERING CENTER CAMPUS-ATHLETICS/RECREATION FACILITIES  
1"=500'

## LEGEND

- ATHLETIC/RECREATION FACILITIES
- ATHLETIC/RECREATION DEVELOPMENT ZONE
- RECREATION PATH

ENGINEERING CENTER CAMPUS

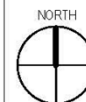
FIGURE 2.2  
SUPPORT FACILITIES +  
ATHLETICS / RECREATION FACILITIES

**FIU** FLORIDA  
INTERNATIONAL  
UNIVERSITY

Campus Master Plan  
October 2012

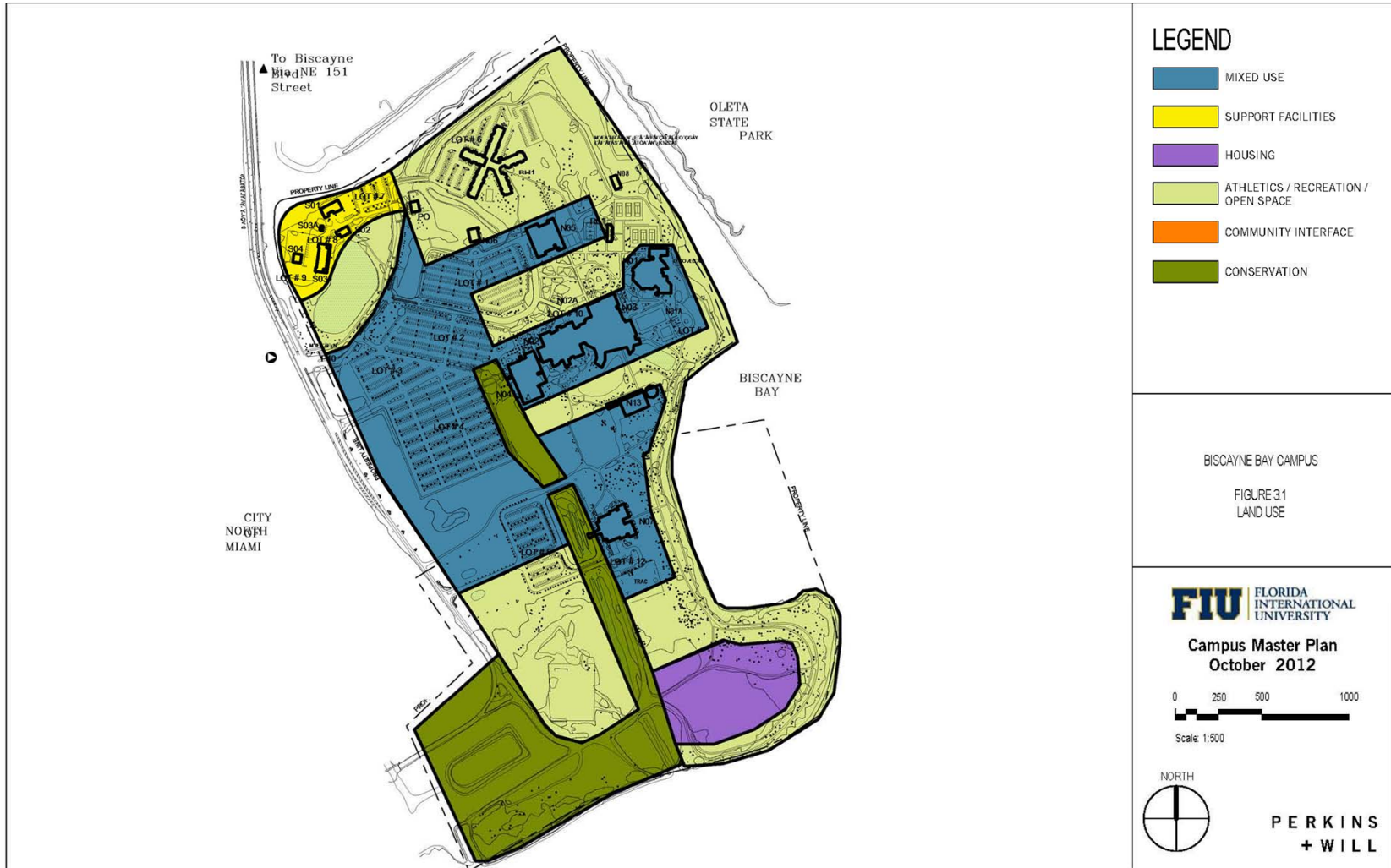
0 250 500 1000

Scale: 1:500



PERKINS  
+ WILL

# BBC – Potential Land Use Zones





# BBC – Potential Academic/Research Dev. Zones



# BBC – Potential Support Development



# BBC – Potential Housing Development Zones



# BBC – Potential Athletics/Rec Development Zones



# Next Steps

## **-Next Steps**

- Faculty/Staff Assumptions**
- Research Assumptions**
- Clinical Assumptions**
  
- Touchstone Meeting –end of October?**
  
- Concept Themes**
  - Maximize programs at Modesto Maidique Campus**
  - Create “E” center at Biscayne Bay Campus for Education and Environmental Studies**
  - Maximize perimeter partnerships**
  - Other?**