Texas A&M University – San Antonio
Space Needs Analysis

Fall 2009
October 22, 2009

Space Needs Assessment

Process

- Data Collected
  - Academic
  - Personnel
  - Space Inventory

- Space Needs Assessed
  - Fall 2009 Current
  - Projections of Future Needs
Space Needs Assessment

Process

- **Data Collected**
  - Academic
  - Personnel
  - Space Inventory

- **Space Needs Assessed**
  - Fall 2009 Current
  - *Projections of Future Needs*
Space Needs Assessment

Process

- Data Collected
  - Academic
  - Personnel
  - Space Inventory

Space Inventory Summary

<table>
<thead>
<tr>
<th>Department/Unit</th>
<th>SHAPE Room Type</th>
<th>Area Capacity (sq ft)</th>
<th>Count of</th>
<th>Fall 2009</th>
<th>Projections of Future Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office</td>
<td>Office</td>
<td>640</td>
<td>1</td>
<td>430</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Office Service</td>
<td>79</td>
<td>1</td>
<td>230</td>
<td>120</td>
</tr>
<tr>
<td>NON-INSTITUTIONAL ADVANCEMENT-Executive Director</td>
<td>Office</td>
<td>356</td>
<td>1</td>
<td>150</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Office Service</td>
<td>77</td>
<td>1</td>
<td>240</td>
<td>120</td>
</tr>
</tbody>
</table>

Grand Total: 52,099, 480, 103
Excluding Non-Assessable Area: 38,746, 156,992, 118,250

Space Needs Assessment

COMPUTED SPACE NEEDS

<table>
<thead>
<tr>
<th>Department/Unit</th>
<th>Assignable Area</th>
<th>Current Area (sq ft)</th>
<th>Current Needs (sq ft)</th>
<th>Difference (sq ft)</th>
<th>Actual of Computed Personnel</th>
<th>Adjusted Total (sq ft)</th>
<th>Student Support Spaces*</th>
</tr>
</thead>
<tbody>
<tr>
<td>President's Office</td>
<td>1,200</td>
<td>1,514</td>
<td>-315</td>
<td>2</td>
<td>20%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>VFF/Provost Academic Affairs</td>
<td>6,351</td>
<td>34,222</td>
<td>-27,891</td>
<td>194</td>
<td>14%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Education &amp; Kinesiology</td>
<td>7,680</td>
<td>13,718</td>
<td>-6,038</td>
<td>10</td>
<td>4%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Business, Arts &amp; Sciences</td>
<td>2,700</td>
<td>5,955</td>
<td>-3,255</td>
<td>22</td>
<td>23%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Enrollment Management</td>
<td>2,760</td>
<td>3,544</td>
<td>-773</td>
<td>22</td>
<td>14%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Student Engagement &amp; Success</td>
<td>334</td>
<td>966</td>
<td>-634</td>
<td>6</td>
<td>2%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Academic Affairs</td>
<td>1,062</td>
<td>2,813</td>
<td>-1,751</td>
<td>16</td>
<td>7%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Finance &amp; Administration</td>
<td>2,030</td>
<td>3,257</td>
<td>-1,227</td>
<td>16</td>
<td>6%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Facilities Director</td>
<td>1,204</td>
<td>1,834</td>
<td>-630</td>
<td>6</td>
<td>4%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Network Manager</td>
<td>730</td>
<td>1,246</td>
<td>-516</td>
<td>4</td>
<td>2%</td>
<td>333</td>
<td>0</td>
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<tr>
<td>University Police</td>
<td>720</td>
<td>1,917</td>
<td>-1,197</td>
<td>7</td>
<td>3%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>University Communications</td>
<td>931</td>
<td>1,139</td>
<td>-208</td>
<td>7</td>
<td>2%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Institutional Advancement</td>
<td>360</td>
<td>388</td>
<td>-33</td>
<td>3</td>
<td>1%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Graduate Studies</td>
<td>0</td>
<td>243</td>
<td>-243</td>
<td>1</td>
<td>0%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Human Resources</td>
<td>0</td>
<td>666</td>
<td>-666</td>
<td>3</td>
<td>0%</td>
<td>333</td>
<td>0</td>
</tr>
<tr>
<td>Student Support Spaces*</td>
<td>0</td>
<td>68,885</td>
<td>-68,885</td>
<td>0</td>
<td>0%</td>
<td>333</td>
<td>0</td>
</tr>
</tbody>
</table>

Total: 28,138, 140,337, -112,799, 20.0%, 333

Adjustments

<table>
<thead>
<tr>
<th>Adjustment Type</th>
<th>Adjusted Area</th>
<th>Current Area (sq ft)</th>
<th>Current Needs (sq ft)</th>
<th>Difference (sq ft)</th>
<th>Adjusted Total (sq ft)</th>
<th>Student Support Spaces*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classrooms</td>
<td>9,890</td>
<td>12,721</td>
<td>-3,831</td>
<td>-3,831</td>
<td>156,992</td>
<td>0</td>
</tr>
<tr>
<td>Computer Labs</td>
<td>2,180</td>
<td>2,340</td>
<td>-1,620</td>
<td>-1,620</td>
<td>118,250</td>
<td>0</td>
</tr>
</tbody>
</table>

Adjusted Total: 38,746, 156,992, -118,250, 333
Space Needs Assessment

Refinements

- Organization of the Units
- Personnel Accuracy
- Special Use Space
  - Unique to Each Unit
  - Not currently on the Inventory
  - Required to Accomplish the Mission
- Student Support Space
  - Library
  - Assembly
  - Food Service
  - Intramural/Intercollegiate Athletics
  - On-Campus Residence Experience
- Practicality of the Results

Space Needs Assessment

The Future

- Enrollment
  - Total & Level
- Expansion of Current Divisions
- Programmatic Metrics
  - Emphasis (i.e. Teacher Education, International or Domestic, Science, etc)
  - Student : Faculty Ratio
  - Instruction-Research-Service Mix
- Commuter or Resident Campus
- Other Growth Changes
  - The Future can not always be foreseen
  - Planning will Optimize the Results
  - All Decisions Have Impacts on Space
Next Step

- Identify Growth Parameters
- Features Needed to Support Growth
- Calculate the Space Needed
- Determine the Feasibility
- Adjust as Needed

Reference

- James Massey
  Director
  Office of Facilities Coordination
  Texas A&M University
  College Station, TX 77845-1369
  Phone: (979) 845-8661
  e-mail: james-massey@tamu.edu

- FCOR Web Page: http://fcor.tamu.edu/
- TAMU-SA Space Study: http://fcor.tamu.edu/?pageid=106