BACKGROUND:
President Morishita is committed to update our lecture classrooms to 21st century standards to meet instructional and student needs. Some funding has been allocated to Facilities Management for an initial study to develop standards and for a plan for continued implementation to meet these standards in the years to come. AVP Jim Zavagno is the lead overseeing this project.

Jim Zavagno attended the COBRA meeting on January 13, 2016 and provided an update on the current status of the lecture classroom upgrade project. This report summarizes the status of the lecture classroom upgrade project as of January 2016.

ACTION REQUESTED:
This report is an information item for the Academic Senate updating the status of the lecture classroom upgrade project as of January 2016.

REPORT:
I. Presentation by Jim Zavagno
II. Jim Zavagno, AVP of Facilities Development and Operations, presented the following updates to COBRA on the classroom upgrade project:
  - Planning Study - Facilities Development and Operations has conducted a planning study to develop a comprehensive set of design standards for four typical lecture classroom sizes on campus:
    - Small (up to 25 student stations)
    - Medium (26 – 50 student stations)
    - Large (over 51 student stations)
    - Specialty (number of student stations vary)
  - Outcomes of the Planning Study – The study has provided design for:
    - Physical layouts / Room arrangements
    - Hybrid model - Allow for both lecture and group work
    - Environment
- Room temperature
- Lighting
- Acoustics
  - Furnishings
    - “Future Proof” (flexible, adjustable, movable)
    - Writeable surfaces
    - Power outlets
  - Technology
    - High speed wireless
- Facilities Development and Operations selected four (4) classrooms to serve as models or prototypes:
  - Art & Education 247 (23 stations, small size)
  - Meiklejohn Hall 3060 (42 stations, medium size)
  - Music 2091 (29 stations, small size)
  - Science N220 (49 stations, medium size)
  - These rooms will be taken 'off line' (e.g. not scheduled) in Summer Quarter 2016
- Project Schedule is as follows:
  - January – March, 2016: Prepare construction documents
  - April 2016: Bid
  - May 2016: Notice to Proceed / Order ‘long lead items’
  - June – August 2016: Construction
  - September 2016: Install furniture
- Next Steps are to:
  - Meet with COBRA subcommittee
  - Review design
  - Furniture selection
  - Develop long term schedule to complete upgrades to remaining classrooms (80) on campus

II. COBRA Considerations
COBRA will have five members (Jiansheng Guo, Glen Taylor, Tom Bickley, Lonny Brooks, and Audrey Katzman) to serve on the classroom project Subcommittee on the Classroom Upgrade Master Plan to provide input on the facilities’ classroom upgrade plan for the four selected classrooms. All the faculty volunteered to serve on the Subcommittee on the Classroom Upgrade Master Plan (Ken Chung, Vish Hegde, Robert Loveland, Asha Rao, John Tan (CBE faculty), Ardella Dailey, Eric Engdahl, Missy Wright, (CEAS faculty), Farid Younos (CLASS faculty), Caron Inouye, Julie Glass (CSCI faculty)) will also be invited to participate in the meetings with facilities to provide faculty input on the lecture classroom upgrade plan.

In order to develop a long term schedule to complete upgrades to 80 remaining lecture classrooms on campus, COBRA will invite a plan from Facilities and COBRA members will review the plan and provide input on the schedule prioritizing the upgrades for the remaining 80 classrooms.

COBRA members to the Classroom Upgrade Master Plan Subcommittee expressed concern that the final list of classrooms selected by Facilities does not reflect the Subcommittee’s original recommendation. The Subcommittee recommended selecting rooms that covered all the four classroom sizes (small, medium, large, and specialty) used by faculty to maximize the value of
the initial stage of renovation in developing model classrooms. The Facilities projects that the remodeling of a large sized classroom will require both Summer and some time in Fall for completion, and Scheduling is very concerned that if a large classroom is not available for fall 2016 classes, it will cause serious disruption to fall quarter class scheduling. Therefore a small classroom (AE247 with a capacity of 23 students) was selected for the renovation project instead of a large classroom (AE285 with a capacity of 65 students).

COBRA notes that the usefulness of the renovation project is diminished due to the elimination of a large classroom (AE 285) from the list of renovated classrooms. Departments and colleges that teach mostly or exclusively large classes will not have the opportunity to use, or provide feedback on, the renovated classrooms.

If the subcommittee's recommendation to include a large classroom (AE 285) was considered impractical for summer 2016 renovation, COBRA strongly recommends that a large classroom be included among those renovated in summer 2017.

Concerns on the proposed renovation project were raised that:

(1) the existing plan does not reflect academic priorities in terms of selection of priority classrooms or priority of use of funds within the rooms that are targeted for renovations, and

(2) the cost estimates are a cause for concern. There is little detail provided in the cost estimates of $821,000 to renovate four classrooms, none of which are large enough to hold a core class for academic units such as the College of Business. At this rate of spending, the budget available for renovations will be exhausted without doing much to improve the overall quality of the majority of CSUEB classrooms. Very little creativity or innovative thinking is in evidence to ensure that CSUEB gets the best value for this investment.

III. Estimated Construction Costs

Jim Zavagno presented the following estimated construction costs for the renovation of four classrooms as models.

<table>
<thead>
<tr>
<th>BUILDING</th>
<th>ROOM NO.</th>
<th>SIZE (SF)</th>
<th>NO. OF STUDENT STATIONS</th>
<th>ESTIMATED CONSTRUCTION COST</th>
<th>ESTIMATED FURNITURE COST</th>
<th>ESTIMATED IT/AV COST</th>
<th>SOFT COSTS (25%)</th>
<th>TOTAL PROJECT COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART &amp; EDUCATION</td>
<td>247</td>
<td>545</td>
<td>23</td>
<td>$65,000</td>
<td>$24,200</td>
<td>$50,000</td>
<td>$16,250</td>
<td>$155,450</td>
</tr>
<tr>
<td>MEIKLEJOHN HALL</td>
<td>3060</td>
<td>743</td>
<td>42</td>
<td>$90,000</td>
<td>$43,200</td>
<td>$70,000</td>
<td>$22,500</td>
<td>$225,700</td>
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<tr>
<td>MUSIC</td>
<td>2091</td>
<td>700</td>
<td>29</td>
<td>$85,000</td>
<td>$30,200</td>
<td>$70,000</td>
<td>$21,250</td>
<td>$206,450</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>N220</td>
<td>901</td>
<td>49</td>
<td>$91,000</td>
<td>$50,200</td>
<td>$70,000</td>
<td>$22,750</td>
<td>$233,950</td>
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</table>

$821,550

NOTES
<table>
<thead>
<tr>
<th>BASIS OF COST ESTIMATE</th>
<th>COST</th>
<th>PER UNIT</th>
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<tbody>
<tr>
<td>Construction Cost</td>
<td>$125</td>
<td>Square Foot</td>
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<tr>
<td>Furniture - Student Stations</td>
<td>$1,000</td>
<td>Station</td>
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<tr>
<td>Furniture - Professor Station</td>
<td>$1,200</td>
<td>Station</td>
</tr>
<tr>
<td>IT/AV Equipment</td>
<td>$50,000</td>
<td>Small Room</td>
</tr>
<tr>
<td>IT/AV Equipment</td>
<td>$70,000</td>
<td>Medium Room</td>
</tr>
</tbody>
</table>

Attachment:

Classroom Upgrade Project

Planning Study

Develop a comprehensive set of design standards for four typical classroom sizes on campus:

- Small (up to 25 student stations)
- Medium (26 – 50 student stations)
- Large (over 51 student stations)
- Specialty (number of student stations vary)
Classroom Upgrade Project

Outcomes of Study

Physical layout / Room arrangement
• Hybrid model - Allow for both lecture and group work

Environment
• Room temperature
• Lighting
• Acoustics

Furnishings
• ‘Future Proof” (flexible, adjustable, movable)
• Writeable surfaces
• Power outlets

Technology
• High speed wireless
Classroom Upgrade Project

Update / Progress Report

Selected four (4) classrooms to serve as models or prototypes

• Art & Education 247 (23 stations)
• Meiklejohn Hall 3060 (42 stations)
• Music 2091 (29 stations)
• Science N222 (49 stations)

_These rooms will be taken ‘off line’ (e.g. not scheduled) for Summer Quarter_
Classroom Upgrade Project

Update / Progress Report (cont’d)

Project Schedule

• January – March: Prepare construction documents
• April: Bid
• May: Notice to Proceed / Order ‘long lead items’
• June – August: Construction
• September: Install furniture
Classroom Upgrade Project

Next Steps:

Meet with COBRA subcommittee
• Review design
• Furniture selection

Develop long term schedule to complete upgrades to remaining classrooms (80) on campus
Questions?

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