Pegi opened the meeting at 3:03 pm.

Revisions to the minutes of December 16, 2008: Rick will send Tatiana a revision in wording regarding the CIS/CS program. Change the minutes to read “It was noted that Health Science and the Health Services cluster still had concerns about the adequacy of their space and their proximity to the new allied health complex. Renée concurred.”

The minutes of December 16, 2008 were approved unanimously with the above noted changes. (Doug/Rick)

I. Watsonville Industrial Technology Education Center (ITEC) LEED Certification:

Pegi distributed the February Board Report regarding the Watsonville Industrial Technology Education Center (ITEC) LEED certification options and associated costs. Doug gave explained that the list of projects in the 2004 Bond included enhancing Cabrillo’s presence in Watsonville.

Rock presented a brief history of the evolution of the ITEC.
- Tony Campos, Watsonville supervisor, determined that it was sensible to have industrial technology skills taught in this area
- The Workforce Investment Board (WIB) performed a study and determined there was a demand for that type of facility.
- Local employers in agriculture, construction, manufacturing, tourist, hospitality, transport industries demonstrated a short and long-term demand for trained employees in green technology.
- There is a demand for training to help industries move to more sustainable practices.
- $7 million was set aside from the 2004 bond for acquisition of the old Watsonville library and the land.
Watsonville ITEC LEED Certification con’t:

- Cabrillo obtained an EDA grant to augment funding for the project. The grant is not program specific.
- The initial plans were for the building to be green but not LEED certified. Now that the program has evolved to teaching LEED certification, it makes sense that the building also be LEED certified.
- Kasavan architects hired a LEED consultant to draft various options and associated costs presented in the February Board report.
- The entire project has a finite budget of $9.5 million, but it was designed as a non-LEED building.
- Questions: What level do we want to achieve? How do we fund it?

Paul presented photographs of what was left of old library building and explained that the site will be paved over next Saturday.

- Demolition is virtually complete and will be a parking lot until construction begins.
- Over 95% of the building materials were recycled.
- Staff has been working closely with the architects to develop a list of additional deductive items.
- Design options: If the design is for the highest level of LEED certification, the platinum level, it is possible to obtain a lower level of certification now (such as silver) and work toward getting the platinum level at a later time and as funding allows. However, if the design is not to platinum but to a lower level, it is not possible to get platinum at a later time. There appears to be a significant benefit to achieving the platinum level from a teaching point of view, but not in terms of energy savings. Energy efficiency isn’t the primary goal for the 14,000 square foot open floor plan shop environment.
- The schematic design of the building does not include a heating system.

It is easier and less expensive to start design development at the platinum level and downsize the project rather than adding on to the project later.

Pegi asked about the mechanical design. One room (computer lab) has a mechanical HVAC system; other spaces have radiant heating. Luis suggested including solar installation infrastructure to keep that option open for the future. Pegi asked if there is a time limit to achieve a certain level of LEED certification. Paul replied that yes, 2-3 years after construction.

Program issues: the design is to be flexible similar to the VAPA buildings 1000, 2000 and 3000.

- Plexiglas will be used instead of sheet rock
- Controls will be openly visible rather than hidden away
- Kiosks will allow students and the public to view how much energy the wind turbines are providing without entering the building.
- There will be a solar thermal as well as solar voltaic program.
Pegi asked what is the difference between the solar thermal and voltaic programs. Solar thermal concepts would be solar water heating, trombe walls, radiant heating, etc. Solar voltaic concepts (solar panels) generate electricity directly from solar energy.

Renee asked about the public and supervisory displays of the energy management controls. The energy management system is not required for LEED certification, but it is great for the instructional piece. It is comprised of two parts: the interactive piece and view-only (kiosk) piece.

The Board item distributed to the committee is going to Board on Monday. A decision on the level of LEED certification will need to be made in May. Kasavan architects developed plans to construct a building with ability to obtain the platinum level and a list of $400,000 worth of items that can be deducted to achieve a lower level. Bob asked if there was a significant difference in the architectural design fees for platinum. The answer was no. A lot of analysis was based on the platinum level. Luis asked if the building was built to the gold level and solar was added later, can it be reclassified to platinum? No. Remodeling and recertification is a more expensive process.

Paul noted that alternates can added during construction; they don’t have to be awarded at bid time. Today’s bidding climate is very beneficial to us. However, stimulus money could also be beneficial.

Michele asked whether the ITEC is a new program or expansion of an existing program? It is the expansion of the energy management program. There are grants to fund the faculty position. Michele further asked whether the program is self-sustaining or is it competing with other programs that are being considered for reductions? Rock explained that a demand for workers in these technologies exists and Cabrillo typically adjusts course offerings to meet the demand. This program will be competing with other resources; however, the director will be responsible to securing additional program funds to offset costs to the general fund, but the program will not be cost neutral. Brian also mentioned that the Solari’s made a donation to the project. It is important that the message to faculty and staff is clear and sensible: projects are being put on hold, current programs may be cut and still new buildings are being built because funding sources and restrictions. It is important to explain that so it doesn’t appear that things are being taken away from other programs also in demand. Renee clarified that bond funds are for construction not salaries; the Solari grant is for operations of the ITEC and cannot be used for other programs. Much of the program is self-sustaining, but there will be some costs to general fund. It will be several years before the operation is up and running; current budget reductions will not reflect that.
Michele asked if a building could be built and stand empty? Faculty and classified staff are concerned if they will event have a job; the current atmosphere is scary. It should be clear that this Watsonville expansion isn’t a threat to what is already in place, such as Scotts Valley. Rick further underscored how the information is presented is very important. Cabrillo can’t stop planning for the future. The ITEC building is funded from the 2004 bond for expansion in Watsonville. The ballot list of projects left it to the community to decide on what is the best use.

Pegi noted that there has been a lot of analysis and study about need for this program. Rock noted that there are a lot of retirements coming up for workers in these fields; employers are concerned they won’t have the trained workforce needed. There is a community focus on getting people into the pipeline.

Paul underscored that staff is highly sensitive to these issues. Rock noted that he appreciates Paul attentiveness to controlling costs. Pegi also noted that the concerns raised are important.

Luis explained that he had to spend thousands of dollars to learn solar technology and travel to Los Angeles and Petaluma for training. He asked if it is possible to provide certification for the private sector, like contract education. Rock replied that staff is taking that into consideration particularly since industry will fund it. Brian noted that it is important to acknowledge that there are more than bond funds for the project, such as the $2.5 million EDA grant that Rock and others achieved for Cabrillo. The question for the Board is whether the commitment to and support for LEED certification exists, and how much of the existing resources should be put toward it. Renee noted that if we don’t do the project, we also risk Cabrillo’s credibility for obtaining federal grants in the future. Michele concluded that it is hard to put together the threat of closing the Scotts valley, no wintersession course offerings, 20% projected budget cuts, and construction of a new building in Watsonville.

Rock agreed; the challenge for staff is to put that information together well. Bob suggested that the data is clear: a demand for training from students and employers in industrial technology exists as well as a known retiring workforce. Pegi agreed that how the information is framed is important. What is and what is not competing with the operational budget should be clear. This project is competing in the short-term with the space reallocation project. If other funds are not raised, then funds for ITEC will come from that allocation. Doug also noted that the lead time for construction projects can be more than ten years. The current construction on campus is a result of master planning decisions in the mid 1990’s. IT is important to note that we cannot stop planning for the future.

Next steps for ITEC: The Board will give staff direction on Monday; fundraising, continue to work on design and come back in the spring.
II. Energy Plan Update:
Pegi noted that CPC approved $25,000 for the energy plan. A packet of information was distributed that presents principles for consideration that can’t be funded now but are to provide guidance. Joe presented Cabrillo’s sustainable energy plan at a Facilities Conference in May, 2008.

The committee was asked to read the comprehensive report. The goal is to present this information to the Board sometime this spring. It was noted that students in the CEM program have performed a comprehensive energy analysis for the campus and developed an easy to use visual. Luis and Joe both expressed their appreciation for the collaborative efforts of faculty, student and staff on this project.

The meeting was adjourned at 4:15 pm.

Next meeting: After March 15.