Competencies for the institutional SLO on sustainability:
Academic Senate EAC Recommendations
Approved unanimously by the EAC (Amber Katherine, Pete Morris, Bill Selby, Dana Morgan, Brenda Antrim, Benny Blaydes, Dawn Murphy, Hazel Peters, Genevieve Bertone), 12/6/07

In the spirit of the Global Citizenship Task Force’s definition of a “global citizen” we recommend that SMC cultivate an academic environment in which students have opportunities to combine ecological literacy with a dedication to fostering a livable, sustainable world. Toward this end, the student learning outcome on sustainability must mean that SMC graduates can put their knowledge of sustainability to work on solving local and global problems. In order to educate such “green” graduates, faculty, staff, and administrators must be exemplary decision-makers at every level institutionally, from recycling to syllabus-making to strategic-planning. We must all strive to incorporate ecological, as well as economic and social justice values and best practices into campus life.

1. Use the Campus Sustainability Indicator Set, SMC 2005 – 2006 Environmental Audit, Appendix. This indicator set is a comprehensive measurement of our campus “footprint” and could provide the foundation for a campus wide sustainability plan. The Audit was produced by the EAC, edited by Genevieve Bertone, and endorsed by the Academic Senate in spring of 2007. Recommendation:
   a. Update the Environmental Audit every 2 years to measure and monitor progress on institutional SLOs.
   b. Increase position of Project Manager for Sustainability Coordination to full-time in order to fully implement audit recommendations campus wide.

2. Exemplify leadership for sustainability at the executive and administrative levels by participating in higher education sustainability initiatives. Recommendations:
   a. Conduct institutional research to measure SMC’s “footprint” based on institutional greenhouse gas emissions.
   b. Sign and implement the American College & University Presidents Climate Commitment (ACUPCC) to achieve climate neutrality at SMC as soon as possible.
   c. Seek to gain national and statewide recognition as a sustainable campus. For example, the prestigious Governor's Environmental and Economic Leadership Award (GEELA) for sustainable building policies and practices. Measures:
      i. Number of architectural features based on sustainable technologies
      ii. Number of LEED accredited buildings
      iii. Number of educational signs posted in buildings to facilitate learning from our built environment

3. Exemplify leadership for sustainability in the Academic Senate. Recommendations:
   a. Integrate ecological literacy into existing and new curriculum. Measures:
      i. Number of courses which meet the “ecological literacy” requirement
      ii. Number students fulfilling the Global Citizenship Requirement with an "ecological literacy” course
      iii. Develop academic programs in support sustainability. Number of student earning an AA in Environmental Studies
      ii. Number of service learning opportunities
      iii. Number of vocational educational programs serving sustainable workforce development
      iv. Number of professional development opportunities featuring practical assistance for faculty working to “green” their courses
      v. Number of professors offering extra credit for participating in Sustainable Works Student Greening Program
APPENDIX I 2005-2006 SMC Environmental Audit
2005-2006 PROPOSED CAMPUS SUSTAINABILITY INDICATOR SET

GENERAL DATA
- Total number of students (graded and non-graded)
- Total number of faculty and staff
- Number of overall gross square footage
- Progress towards making sustainability a strategic planning initiative/developing a sustainable plan (using indicators and goals)

WATER
- Annual water use in HCF
- Water use per capita
- Total annual cost of water use
- Percent of high-efficiency plumbing fixtures
- Number of native gardens
- Number of water conservation initiatives
- Amount of toxic substances reported in the Industrial Self Monitoring Report
- Number of wastewater ordinance notice of violations reported by the City of Santa Monica
- Number of beach closings
- Amount of recycled water used

ENERGY
- Annual energy use in KWH
- Energy use per square foot
- Total annual cost of energy use
- Amount of renewable energy utilized on campus
- Percent of high-efficiency lighting fixtures
- Number of energy conservation initiatives
- Total tons of CO2 emissions per year, or equivalent
- Amount of natural gas used in therms
- Total annual cost of natural gas use
- Number of green buildings
- Number of campus tree plantings

TRANSPORTATION
- Percent of students utilizing alternative transportation methods
- Percent of faculty utilizing alternative transportation methods
- Average vehicle ridership
- Number of secure bicycle-parking areas
- Miles of bicycle lanes coming to campus
- Number of alternative fuel vehicles in fleet
- Number of transportation management programs

SOLID WASTE AND RECYCLING
- Tons of solid waste generated per year
- Tons of solid waste diverted via recycling
- Total annual costs of solid waste disposal
- Total solid waste generation per capita
- Total annual revenue generated from recycling
- Number of new solid waste diversion initiatives
-Number of designated recycling staff

PURCHASING
-Annual purchasing budget
-Number of environmentally friendly purchasing policies
-Number or percent of environmentally friendly products purchased
-Amount of paper in reams purchased through the Media Center/Reprographics department
-Amount of paper that contains recycled content
-Total cost of paper purchased through the Media Center/Reprographics department
-Paper use per capita
-Amount of toner recycled annually
-Amount of revenue generated via toner recycling
-Percent of environmentally friendly products offered at the bookstore
-Number of online courses offered

HAZARDOUS MATERIALS
-Tons of hazardous and toxic materials disposed and/or recycled
-Number of trainings provided to science departments
-Number of trainings provided to non-science departments
-Percent of chemicals classified as caution, warning, and danger
-Percent of chemicals that are sprays versus more targeted applications
-Total annual costs of pesticide contracts
-Total number of cleaning chemicals
-Total number of products containing chemical/s that can be absorbed through the skin and cause damage to liver and other internal systems
-Total number of cleaning chemicals that are
  - Petroleum-based
  - Dispensed from aerosol cans
  - Green Seal Certified

FOOD SERVICES
-Number of food service providers
-Number of food service providers that purchase food from local suppliers
-Percent of students that are satisfied with food service providers
-Number of locally owned and operated food service providers
-Percent of menu items featuring organically grown foods
-Percent of menu items suitable for vegan diets (contains no animal products) and
-Percent of menu items consistent with a vegetarian diet (contains no meat products)
-Number of sustainable food initiatives

STUDENT ENGAGEMENT
-Number of students participating in Sustainable Works program
-Number of environmentally oriented student clubs
-Number of active members of the Eco-Action Club
-Number of student-initiated environmental programs
-Number of environmentally themed events
-Number of national student programs and awards for environmental excellence