Program: Animation
Date: November 7, 2011

Committee Members Present: JoAnna Downey, Marie Eckstrom, Howard Kummerman, Kenn Pierson, Kevin Smith, Ralth Velazquez

Program Members Present: David Dawson, Joanna Downey

Commendations

- Commendations on offering several low-unit certificates and new degree.
- Commendations on partnerships with industry, other animation schools, and CSUs.
- Commendations on offering online/video lectures so that students can augment, refresh, and review course materials at any time.
- Commendations on variety in course offerings: day, evening, weekend, and online.
- Commendations on high retention rate and growth in department.
- Commendations on acquiring Cintiq displays through Perkins money, which afford students the ability to draw directly onto monitors.

Program-Level Recommendations

- Revise goals and objectives to include software purchases.
- Consider modularizing courses.
- Consider creating a pre-entry course.

Institutional-Level Recommendations

- Collaborate with Communications & Languages Division on developing degrees in New/Digital Media and Film Studies.
- Provide funds for software and hardware (iPads).
- Work with Grants director to acquire additional funding.
- The College should initiate a teaching academy to improve the skills of both adjunct and full-time instructors.
Program Review Executive Summary

Program: Chemistry  Date: November 7, 2011

Committee Members Present: Connie Austin, Jim Chandler, Marie Eckstrom, Howard Kummerman, Jim Sass

Program Members Present: Karen Koos, Matt Koutroulis

Commendations

- Commendations on the consistent utilization of the American Chemical Society’s final examination, and the consistently high level of achievement of students on that exam (65 to 70 percentile; at least one standard deviation above mean).
- Commendations on the successful and meaningful collaboration with the MESA program.
- Commendations on stable enrollment and student performance for several years.
- Commendations on incorporating critical thinking though critical reading and writing into chemistry courses.
- Commendations on the Chemistry Program’s efforts to lessen the impact on the environment by implementing green chemistry principles.

Program-Level Recommendations

- Purchase necessary chemicals and hardware.
- Work with Transfer Center to help chemistry majors to secure financial assistance to both public and private four-year institutions.
- Consider requiring students to purchase their own lab kits.
- Consider writing a degree in chemistry.

Institutional-Level Recommendations

- Provide sufficient funds for Chemistry Department to purchase necessary chemicals and hardware (specialty cabinets, test tubes, etc).
- Ensure safety of chemicals and equipment.
- Work with Grant Director to secure additional funds.
- The College should initiate a teaching academy to improve the skills of both adjunct and full-time instructors.
INSTITUTIONAL RESEARCH AND PLANNING
2010-2011 PLANNING PROCESS

PROGRAM REVIEW EXECUTIVE SUMMARY

<table>
<thead>
<tr>
<th>Program: Engineering</th>
<th>Date: November 8, 2010</th>
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Committee Members Present: Marie Eckstrom (Chair); Howard Kummerman (Dean); Barbara Mikalson (Faculty); Kathy Pudelko (SLO Representative); Melissa Alvarez (Classified)
Program Members Present: Firouz Mosharraf; Karen Koos

Commendations
- Commendations on persistence in helping engineering to become a viable program.
- Commendations for partnering with the MESA program.

Program-Level Recommendations
- Develop a plan to revitalize the engineering program.
- Seek financial assistance from grants and the Foundation to infuse the engineering program with financial assistance.
- Consider developing an Introduction to Engineering course to attract, promote, and encourage students to pursue engineering as a course of study.
- Work with our Articulation Specialist to ensure our engineering courses are accepted at local four-year universities.
- Continue partnering with the MESA program in encouraging achievement in higher mathematics and engineering courses.
- Work with the Counseling Department and Career Center to inform, encourage, and direct students toward engineering pathways and internships.
- Consider developing an AA degree in engineering.
- Revise Program review document: move paragraph two of Mission Statement to Characteristics, Performances and Trends and/or Opportunities section

Institutional-Level Recommendations
- Provide additional grant seeking/writing assistance through the Office of Institutional Research and Planning to augment financial assistance to departments and programs.
- Seriously consider permitting engineering courses with relatively low enrollment to be offered, so that the program has a chance to grow and students are afforded the opportunity to explore and become successful in the engineering field.
Program Review Executive Summary

Program: Geology
Date: November 7, 2011

Committee Members Present: Marie Eckstrom, Rebecca Green, Howard Kummerman, Annel Medina, Jan La Turno,

Program Members Present: Michael Forrest, Karen Koos

Commendations

- Commendations on a high success and retention rate.

Program-Level Recommendations

- Consider creating a geology degree.
- Consider creating a historical geology course.
- Adhere to class size limits.
- As enrollment promises to increase and funds become available, consider hiring part-time instructors.
- Explore ways to incorporate increased reading and writing components in the curriculum
- Revise goals and objectives in program review document; include augmented goals/vision.

Institutional-Level Recommendations

- Employ a lab technician to assist the geology and geography labs.
- Equip S-229 to be a “Smart” classroom: computer, data projector, and screen.
- Provide funds for augmentation of rocks, minerals, and fossil kits.
- The College should initiate a teaching academy to improve the skills of both adjunct and full-time instructors.
Program Review Executive Summary

Program: Geographic Information Systems (GIS)        Date: November 21, 2011

Committee Members Present: Lupe Alvarado, Fran Cummings, Marie Eckstrom, Karen Koos, Howard Kummerman, Mike Slavitch,

Program Members Present: Warren Roberts, Jay Sunyogh

Commendations

- Commendations on excellent outreach to local professionals, enabling them to enhance their skills.
- Good Mission Statement and SLOs

Program-Level Recommendations

- Create a GIS part-time instructor pool.
- Update courses as needed; reconsider advisories: evaluate requisite skills with those necessary for success in courses.
- Work with County to obtain C-BEEP internships.
- Consider creating a GIS degree; update certificates.
- Consider a low unit certificate with two or three required courses, with a series of application courses with varying emphasis.

Institutional-Level Recommendations

- Work with the Learning Assistance Center (LAC) to acquire student tutors to assist in the program.
- Upgrade network server to accommodate increased demand.
- Fund “cloud computing” opportunities.