

## Science 2009-10

### Accomplishment Description:

**Supported sustainability values** by providing 11 courses for the new Sustainability Coordinator AAS degree; these include Biology, Environmental Science, Geology, Physics, Energy Management, and Sustainability courses. Chemistry faculty continued to implement Green Chemistry Labs in CH 221 and expanded their efforts in CH 222. The Green Chem labs also were shared with College Now faculty. The Chemistry Club's biodiesel plant spent another year without operations while the college struggles to find a permanent home for the facility.

Faculty and staff were active and vocal participants in stewardship of Lane's natural resources. Over the summer, faculty and staff worked collaboratively with staff in Facilities Management to relocate overflow parking to a site that would not disrupt critical forest habitat. During the college's Perimeter Planning process members of the Division provided information about Lane's outdoor ecology learning labs which include the forests, native landscaping and wetlands. The Division strongly promoted the concept of land stewardship as the college moves forward with planning for land use.

Energy Management obtained external funding to expand their programs. The Water Conservation program taught its second year courses. In Energy Management, 25 students completed coursework and 7 students completed the Renewable Energy track; 12 students completed the Water Conservation Technician coursework.

### Strategic Direction

- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.
- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.
- Achieve and sustain fiscal stability.

### Learning Plan Goals

- Support connected learning through inter-disciplinary and collaborative learning strategies.
- Facilitate more integrated and connected educational opportunities.
- Create innovative, flexible and collaborative programs that are responsive to current and emerging needs of students and employers.

## Student Affairs Plan Goals

- Assess the general college environment, including adequate academic and non-academic spaces for students.
- Strengthen relationships with high schools, transfer institutions, community partners, and employers to enhance the student's preparation for and success in college, career, civic engagement, and community involvement.
- Create innovative, flexible, and collaborative programs that are responsive to the needs of students and employers and facilitate a smooth transition from college to the workplace.

## College Council Priorities

- 1.e. Enrollment Management: Increase Credit Enrollment Level
- 4.1 Responding to unit plans/council plans: Innovation
- 4.3 Responding to unit plans/council plans: Enhancing Classrooms