

## Science 2009-10

### Accomplishment Description:

**Wrote and received funding for grants:** Dennis Gilbert and Paul Bunson are participants in an Oregon State University grant from the National Science Foundation to examine and integrate the introductory physics curricula between community colleges and OSU where most of our engineering majors attend. PH 211 at Lane is one of the courses involved in their initial study.

Energy Management received a number of new and renewing grants, including:

- renewal of its education grant from the Eugene Water and Electric Board (five-year renewal providing over \$700,000);
- SESP grant of \$380,000 as a member of a state workforce development consortium to produce an accelerated “fast-track” version of the two-year Energy Management program; and,
- \$12,000 from the Northwest Energy Efficiency Alliance, Better Bricks Program to develop Resource Conservation Management Option courses. The Resource Conservation Management option is the most recent of the three tracks in Energy Management.

The Energy Management program began offering online courses to its partner colleges in year two of its three-year National Science Foundation (NSF) Leading Alternative in National Energy Solutions (LANES) grant (\$810,000). Among grants submitted, Energy Management submitted a \$4.2 million request to the National Science Foundation to be a national center under the Advanced Technology Center program; the grant is pending. The program director, Roger Ebbage, presented at numerous national conferences and the program continued to receive national prominence through media reports and accolades.

### Strategic Direction

- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Commit to a culture of assessment of programs, services and learning.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.
- Achieve and sustain fiscal stability.
- Build organizational capacity and systems to support student success and effective operations.
- Promote professional growth and provide increased development opportunities for staff both within and outside the College.

## Learning Plan Goals

- Increase support for innovation in instruction.
- Create innovative, flexible and collaborative programs that are responsive to current and emerging needs of students and employers.

## Student Affairs Plan Goals

- Enhance the Lane workforce to best promote student success.
- Provide assessment-based services and programs.
- 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.b. Enrollment Management: Recruitment and Retention
- 1.c. Enrollment Management: Workforce Development
- 1.e. Enrollment Management: Increase Credit Enrollment Level
- 1.f. Enrollment Management: Partnerships with 4-year Colleges and Universities
- 2. Mandates: Assessment
- 4.1 Responding to unit plans/council plans: Innovation
- 4.2 Responding to unit plans/council plans: Curriculum Development
- 5.2 Instructional Redesign: Leveraging Technology
- 5.3 Instructional Redesign: External Revenue Generation
- 5.4 Instructional Redesign: Grants
- 5.5 Instructional Redesign: State Funding
- 5.6 Instructional Redesign: Local Funding