

Engineering Education

Investment Fund

Performance Scorecard

Biennium 1999-2001

OPT for Co-op/Pre-College Programs

Oregon Institute of Technology

June 13, 2001

# OIT/OPT for Co-op Filling the Pipeline

- **High school contacts** (school visits, presentations, open houses):
  - ‘99-’00 = 3100
  - ‘00-’01 goal = 3500
  - As of 5/31/01: 3600
- **Portland Community College scholarships:**
  - ‘99-’00 = 18      ‘00-’01 = 23
- **OIT interns:** ‘99 = 82 ‘00 = 102 ‘01=45(6/4/01)

# OIT/OPT for Co-op

June 13, 2001

- Most of the programs developed will transition into Pre-College Programs.
- Office will maintain lead role in developing and coordinating major-related experiences for OIT.
- The Multiple Engineering Co-op Program (MECOP) will begin a pilot program at OIT this fall with two majors: Mechanical Engineering Technology and Manufacturing Engineering Technology. All activities will be coordinated through the office.

# Pre-College Programs

## June 2001

- **Teen Women In Science and Technology (TWIST)-** Dates for these summer camps are July 16-20, July 23-27 in Portland and August 6-10 in Klamath Falls . Ninth and tenth grade girls will attend day camps at OIT locations. Theme for the week involves exploring engineering and technology majors through hands-on lab and field exercises utilizing Robotic Lego Kits. ***Goal: 70 girls***
- **Women in Engineering Conference-** May 10 in Klamath Falls. ASME and SWE hosts an on-campus conference matching high school girls with women engineers. ***Goal:35 girls. Actual: 44girls***

# Pre-College Programs

## June 2001

- **Technology Space Camp-** As an outreach component of OIT's NASA Senior Project, OIT will host a weeklong camp for students entering 10th-12th grades. High school students will design and build a low-gravity experiment that will fly with OIT's team on the KC-135. Results of the experiment will be presented at each student's high school during the Fall 2001 term. *Goal: 15 students at camp.*  
*High school outreach: 375 students*