

Engineering Education
Investment Fund
Performance Scorecard

Biennium 1999-2001

OIT,SOU,EOU,WOU

Collaboration

April 13, 2001

STUDENT ENROLLMENTS

	WINTER 2000	WINTER 2001	DIFFERENCE
EOU –CS	112	104	-8
SOU –CS	220	225	5
OIT – CST/MIS/IT	336	440	104
WOU –CS	160	157	-3

STUDENT CREDIT HOURS

	WINTER 2000	WINTER 2001		DIFFERENCE
EOU –CS	533	618		85
SOU –CS	2100	2248		148
OIT – CST/MIS/IT	3344	4087		743
WOU –CS	2636	2617		-19

BENCHMARKS

ENROLLMENTS/GRADUATES

- INFORMATION TECHNOLOGY
ENROLLMENTS FOR ALL REGIONAL
SCHOOLS FOR 1998-1999: 704
- EXPECTED 2003 GRADUATES FROM THIS
ENROLLMENT: 150
- PREDICTED 2003 GRADUATES DUE TO
COLLABORATION: 250

BENCHMARKS

COURSE DEVELOPMENT

FIVE NEW IT COURSES DEVELOPED AND IMPLEMENTED BY FALL 2001. THESE COURSES COULD BE SHARED BY COLLABORATIVE INSTITUTIONS AND BE DELIVERED BY A VARIETY OF MODALITIES INCLUDING COMPRESSED VIDEO, COMPUTER BASED TRAINING(CBT) USING CDs, AND ONLINE WEB BASED COURSES.

Industry Matches

<u>Donor</u>	<u>Description</u>	<u>Value</u>
SUN Microsystems	SUN Unix Workstations	\$14,000
Escend Technologies	Professional development	6,000
Oracle Software donation		17,850
	Total	\$37,850

Comments:

Continuing solicitations

Other Leverage--Federal & Other Grants

<u>Grantor</u>	<u>Description</u>	<u>Value</u>
OUS	Awarded	\$100,000
OEDD	Awarded	\$100,000
RIB/Multi-regional Strategies:		
SOU	Awarded	\$ 60,000
OIT	Awarded	\$ 50,000
WOU	Awarded	\$ 60,000
EOU	Awarded	<u>\$ 7,000</u>
		\$377,000

ETIC/IT PROJECT PROGRESS

Oregon Institute of Technology

- Hired one full time faculty
- Contracted training for on-line course development
- Purchased 63 computers and peripheral equipment for computer labs and classrooms
- Facilitated development for six new IT courses to be delivered on-line
- Matched institutional funding to create new Unix computer lab
- Purchased software for Information Technology courses

ETIC/IT PROJECT PROGRESS

Southern Oregon University

- Hired temporary faculty for Computer Science
- Hired a Practicing Professional to teach one IT class
- Hired faculty to teach engineering orientation and statics to pre-engineering students
- Contributed to the hiring of one faculty for multimedia
- Hired a Computer Lab Administrator
- Purchased 10 new computers for CS lab
- Purchased 6 SUN workstations for CS lab

ETIC/IT PROJECT PROGRESS

Western Oregon University

- Funding Adjunct Faculty
- Funding Regular Faculty overloads
- Developing one on-line course
- Purchased computer for course development
- Additional course to be developed Spring term

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OPT for Co-op/Pre-College Programs

Oregon Institute of Technology

April 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 3/21/01: 3400
- **High school interns:** '99 = 45 '00 = 40
- **Portland Community College scholarships:**
 - '99-'00 = 18 '00-'01 = 23
- **OIT interns:** '99 = 82 '00 = 102

Pre-College Programs

Update

April 2001

- **Expanding Your Horizons** for Boys- held December 8. *704* eighth grade boys attended sessions on engineering, technology and non-traditional fields for men.
- **Expanding Your Horizons** for Girls- held on March 19-21. *700* eighth grade girls attended sessions on engineering, technology and non-traditional careers for women.

Pre-College Programs

April 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. *Goal: 100 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.*

Pre-College Programs

April 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