

Engineering Education

Investment Fund

Performance Scorecard

Biennium 2001-2003

COLLEGE OF ENGINEERING
OREGON STATE UNIVERSITY

May 2002

Undergraduate Category

AY99 AY02 AY03 AY04 AY05*

- Student Credit Hours

– Goal	52,690	54,640	55,290	55,940	56,590
– Projected/Actual	52,690	59,179	64,119	66,493	68,867
– Variance	N/A	4,539	8,829	10,553	12,277

- Graduates

– Goal	389	467	493	519	545
– Projected/Actual	389	508	519	541	503
– Variance	N/A	41	26	22	(42)

- Comments: Projections assume no further diminished State program support.

* Academic Year ending in June of the indicated year.

Graduate Category

AY99 AY02 AY03 AY04 AY05*

- Student Credit Hours
 - Goal 12,870 14,112 14,526 14,940 15,354
 - Projected/Actual 12,870 18,320 19,825 21,628 23,431
 - Variance N/A 4,208 5,299 6,688 8,077
- Degrees Awarded
 - Goal 164 186 193 201 208
 - Projected/Actual 164 165 190 213 236
 - Variance N/A (21) (3) 12 28
- Comments: Projections assume no further diminished State program support.

* Academic Year ending in June of the indicated year.

Private Support*

Donor	Description	Value
All gifts	Unrestricted	\$1,386,413
	Scholarship/fellowship	2,336,634
	Other restricted #	2,315,780

Total	\$6,038,827
Goal	\$5,600,000
Variance	\$438,827

*See Policy on Private Support Reporting

#Excludes \$11,000,000 building pledge payment

May 2002

Fiscal Summary

	FY02	YTD	YEAR-END	
	BUDGET	ACTUAL	PROJECTION⁽¹⁾	VARIANCE
ETIC Investments	\$3,208,500	\$1,945,432	\$923,567	N/A
Top Tier Investments	\$694,924	\$296,510	\$308,419	N/A
ETIC & Top Tier	\$3,903,424	\$2,241,942	\$1,231,986	N/A

(1) Commitments delayed pending State budget resolution

Other Leverage – Federal & Other Grants: >\$14M

<u>Grantor</u>	<u>Description</u>	<u>Value</u>
Environmental Protection Agency	Western Region Hazardous Substance Research Center	\$ 900,000
Dept of Energy	Testing of Passive Safety System Performance for Higher Power	\$ 865,407
High Performance Technology, Inc	An Information Environment for the High Performance Computing Modernization Program	\$ 345,041
Dept of Energy	Multi-Application Small Light Water Reactor (LWR) (Phase III)	\$ 325,000
Semiconductor Research	Silencer! A Practical & Efficient Substrate Coupling Methodology	\$ 300,000
Dept of Energy	Enhancement of Heat and Mass Transfer in Mechanically Constrained Ultra Thin Films	\$ 250,000
Dept of Energy	DOE In Situ Uranium Reduction	\$ 250,000
Georgia Institute of Technology	GIT Luminescence for Com,Display,ID	\$ 240,000
National Science Foundation	Personal Digital	\$ 229,997
Space and Naval Warfare Systems Command	SNWSC The SOS Cytosensor System	\$ 228,015
Environmental Protection Agency	Western Region Hazardous Substance Research Center	\$ 220,000
National Science Foundation	Upgrade Basin for Tsunami Research (CCEE)	\$ 213,196
National Science Foundation	Upgrade Basin for Tsunami Research (CS)	\$ 211,967
National Science Foundation	Upgrade Basin for Tsunami Research (CCEE)	\$ 198,727
National Science Foundation	Upgrade Basin for Tsunami Research (CS)	\$ 198,727
National Science Foundation	Some Coding Techniques for VLSI and Computer Systems	\$ 198,600
National Science Foundation	NSF Detectn of Food-Borne Pathogens	\$ 185,659
Society of Manufacturing Engineering	Multidisciplinary Curriculum for the Rapid Development of Lean Automated Manufacturing	\$ 184,970
National Science Foundation-Engr	NSF Upgrade Basin for Tsunami Rsrch	\$ 176,274
National Science Foundation-Engr	NSF Upgrade Basin for Tsunami Rsrch	\$ 176,274
Space and Naval Warfare Systems Command	SNWSC The SOS Cytosensor System	\$ 172,010
Dept of Energy	DOE Engineered Bioremediation	\$ 164,000
Dept of Energy	Intergovernmental Personnel Agreement: Kassner	\$ 163,093
Oregon Dept of Transportation/FHWA	Remaining Life of Reinforced Concrete Beams with Shear Cracks	\$ 160,000
Oregon Dept of Transportation/NHTSA	Transportation Engrg Short Courses	\$ 157,291
Environmental Protection Agency	Technical Outreach Services for Brownsfield (TAB): Western Region Hazardous	\$ 150,000
Purdue University/NRC	Phase Separation in Tees	\$ 150,000
Secured Information Technology, Inc	High Speed Hardware and Software Methods for Elliptic Curve Cryptography	\$ 150,000
Hewlett-Packard Company	HP Portable System Development	\$ 146,614
Dept of Energy	Public Perception of Bioremediation Strategies & Long Term Stewardship at DOE Sites	\$ 143,551
University City Science Center/DOE	Industrial Assessment Center	\$ 141,900
Dept of Energy	Determination of Unknown Neutron Cross Sections for Protection of Medical Isotopes	\$ 134,481
National Science Foundation	NSF Noise Mgmt for System	\$ 134,254
Office of Naval Research	"Sensitive Nonlinear Dynamic Responses of Ocean Systems:	\$ 125,889
National Science Foundation	Divide & Conquer Methods	\$ 125,023
PHS-Centers for Disease Control	Atmospheric I-131 Dose Estimates: Comparative Uncertainties	\$ 120,782
Semiconductor Research	SRC Model	\$ 119,100
National Science Foundation-Education	Lab Based Unit Operations in Microelectronics Processing	\$ 116,172
Environmental Protection Agency	Western Region Hazardous Substance Research Center	\$ 111,506
Dept of Energy	Enhancement of Heat and Mass Transfer in Mechanically Constrained Ultra Thin Films	\$ 110,001
Dept of Energy	Influence of Reactive Transport on the Reduction of U(VI) in the Presence of Fe(III) and Nitrate:	\$ 109,903
Oregon Dept of Transportation/FHWA	RR Locked Gate Intrusion Detection	\$ 108,250
National Science Foundation	NSF Detection of Food-Borne Pathogens	\$ 106,170
California Institute of Technology	DARPA Center for Structural Amorphous Metals	\$ 100,648
National Aeronautics and Space Admin.	Oregon Space Grant Participation in First Robotics Competition	\$ 100,000
National Science Foundation	Develop Composite Yielding Dampers	\$ 100,000
	Total Shown	\$ 9,318,492
	All other projects	\$ 4,778,978
	All Projects as of 4-19-02	\$ 14,097,470

**Engineering Education
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Performance Scorecard**

Biennium 2001-2003

Extending Technology – OSU Extension Service

May 23, 2003

Pre-College/Adult Participation

	AY99*	AY02*	AY03*	AY04*
AY05*				
• Pre-College/Adult Contacts				
- Goal	0	650/125	200/75	
- Projected	0	650/125	200/75	
- YTD Actual	0	200/170		
- Variance	0	-450/+55		

Comments: Identifies Pre-college participation/Adult participation

*Academic Year ending in June of the indicated year.

Leverage – Federal, State & Other OSU Extension Service

Grantor	Description	Value
Western Rural Development Center (Federal Funding)	Videotape Production	\$16,000
Oregon Sea Grant College Program (Federal Funding)	Videotape Production	\$14,000
Northwest Academic Computing Consortium (Non-Profit Organization)	GPS/GIS Youth Technology Project (2002-2003)	\$10,000
	Total Match To-Date	\$40,000
	OSU Extension Match Variance	(\$11,835)

OSU Extension ETIC Fiscal Summary

	FY02 ETIC ALLOCATION	FY02 ETIC SUPPORT RECEIVED	VARIANCE
OSU Extension Component	\$104,798	\$104,798	0

ETIC funding for FY01-03 collaborative projects is being redirected to host campuses. This ETIC funding has not yet been received by OSU for the collaborative “Pilot Project for Extending Technology to Rural Communities, Enterprises, and 4-H Youth.”