

Engineering Education
Investment Fund
Performance Scorecard

Biennium 2001-2003

**COLLEGE OF ENGINEERING
OREGON STATE UNIVERSITY**

June 2003

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	63,741	62,511	67,500	67,500
– Variance	N/A	9,101	7,221	11560	10,910
• Graduates					
– Goal	389	467	493	519	545
– Projected/Actual	389	461	520	560	560
– Variance	N/A	(6)	27	41	15
• Comments – Will surpass goal for this year and project being above it for the next few years.					

* 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	18,435	19,092	21,628	23,431
– Variance	N/A	4,323	4,566	6,688	8,077
• Degrees Awarded					
– Goal	164	186	193	201	208
– Projected/Actual	164	121	131	195	215
– Variance	N/A	(65)	(62)	(6)	7
• Enrollments (Actual F)	430	524	603		
• Comments	– There are much larger enrollments and SCH than in base year, but graduates didn't finish this year. The 03 degrees are lower than projected earlier. We are projecting marked increase in graduates in next few years				

* Academic Year ending in June of the indicated year.

Private Support FY03*

Donor	Description	Value
All gifts	Unrestricted	\$466,328
	Scholarship/fellowship	596,961
	Other restricted #	3,358,591
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	Total	\$ 4,421,881
	Goal**	\$4,745,136
	Variance	- \$323,255

* As of 5/31/03

** Remaining biennium goal
after FY02 private support of
\$6,454,864.

Fiscal Summary -- FY03

	FY03	3-31-03	YEAR-END	
	BUDGET*	ACTUAL	PROJECTION	VARIANCE**
ETIC Investments	\$3,584,037	\$2,294,308	\$3,000,000	\$584,037
Top Tier Investments	\$2,303,135	\$846,983	\$1,500,000	\$803,135
ETIC & Top Tier	\$5,887,172	\$3,141,292	\$4,500,000	\$1,387,172

• *These figures reflect the actual FY03 budgets per the 10/18/02 OUS Board approval plus carryover from FY03.

•** Variance is larger than might be expected because it includes committed \$ such as “start up” and match for research projects that have not been spent.

Other Leverage – Federal & Other Grants FY03: Total, as of 5/31/03, \$16.3M

Grantor	Description	Value
Dept of Energy	Western Nuclear Science Alliance	\$1,300,000
Oregon Dept of Transportation	Deterioration Models for Shear-Cracked Reinforced Concrete Bridges (state)	\$1,281,700
Dept of Energy	Factors Controlling In Situ Bio-Reduction and Reoxidation at the NABIR (Natural and Accelerated)	\$862,456
Environmental Protection Agency-Envir	EPA WRHSRC	\$531,025
Dept of Energy	DOE Passive Safety Sys Performance	\$481,623
Oregon Dept of Transportation/FTA	Technology Development and System Integration for a Vehicle Miles Traveled Based Revenue	\$446,730
National Academy of Sciences	Evaluation of Best Management Practices for Highway Runoff Control	\$299,948
Oregon Dept of Transportation	Deterioration Models for Shear-Cracked Reinforced Concrete Bridges (federal)	\$293,600
Nuclear Regulatory Commission	APEX (Advanced Plant Experiment) Thermal Hydraulic Program	\$282,000
Airforce	USAF Nanocommunicator: Hi Perf Comm	\$270,860
National Science Foundation-Engr	NSF Ocean Electric Energy Extractn	\$269,982
National Science Foundation-Engr	NSF Upgrade Basin for Tsunami Rsrch	\$262,574
Cytec Corporation	Heat Actuated Heat Pump Development for Portable Cooling Application (Tasks 1.1, 1.2, 1.3)	\$254,852
Airforce	USAF Nanocommunicator: Hi Perf Comm	\$250,000
Cytec Corporation	Heat Actuated Heat Pump Development for Portable Cooling Application (Task 3)	\$238,665
National Science Foundation-Engr	NSF Upgrade Basin for Tsunami Rsrch	\$230,095
National Science Foundation-Biological	NSF Personal Digital Field Guides	\$229,237
Environmental Protection Agency-Envir	EPA WRHSRC	\$215,001
National Science Foundation-Engr	Upgrading Oregon State's Multidirectional Wave Basin for Remote Tsunami Research: Supple	\$211,813
Air Force	USAF Aerobic Cometabolic Systems	\$195,000
Battelle Pacific Northwest Laboratory/DOE	Heat Actuated Heat Pump Development for Soldier Cooling Applications	\$187,479
National Science Foundation-Engr	Workshop on Collaborative Research through an Integrated Tsunami Scenario Simulation	\$181,615
Oregon Dept of Transportation/NHTSA	Transportation Engineering Short Courses	\$157,983
Environmental Protection Agency-Envir	EPA Tech Outreach for Brownfields	\$155,000
Semiconductor Research Corp.	SRC Efficient Substrate-Couplg Tool	\$150,000
Dept of Energy	DOE Industrial Assessment Center	\$144,159
USDA Forest Service	USDA 2nd Phase Dyn Veg Models Devlp	\$131,592
Office of Naval Research	Chaotic and Random Dynamic Response of Ocean Structures: Stochastic Analysis and Con	\$131,316
National Science Foundation-Computer	NSF Divide and Conquer Methods	\$130,176
National Science Foundation-Computer	NSF Avg Reward Reinforcement Learnng	\$125,088
National Science Foundation-Engr	NSF Upgrade Basin for Tsunami Rsrch	\$125,000
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Semiconductor Research Corp.	SRC Model Generation for CMOS RFT	\$119,000
Environmental Protection Agency-Envir	EPA WRHSRC	\$116,563
University of California/San Diego/NSF	National Partnership for Advanced Computational Infrastructure (NPACI)	\$115,000
Battelle Pacific Northwest Laboratory/DOE	BATTELLE Heat Actuated Heat Pump	\$113,949
Oregon Dept of Transportation/FTA	Evaluation of ODOT Project/Delivery System	\$113,227
Dept of Energy	Influence of Reactive Transport on the Reduction of U(VI) in the Presence of Fe(III) and Nitrate	\$109,903
Dept of Energy	IPA Assignment: Dr. Michael Kassner	\$108,291
Massachusetts Institute of Technology	MIT Statistical Learnng Technologies	\$102,989
Stanford University	SU Harmonic Balance Algorithms/Modl	\$101,796
Airforce	Nanocommunicator:	\$100,000
National Science Foundation-Engr	NIRT: NER: Biosynthesis of Germanium Oxide Nanoparticles	\$100,000
Space and Naval Warfare Systems Command	SNWSC Test & Dev SOS Cytosensor Sys	\$100,000
National Science Foundation-Engr	Reforming Undergraduate Engineering Education Using an Integrated Platform for Learning	\$100,000
National Aeronautics and Space Administration	NASA National Space Grant Program	\$100,000
	Total Shown	\$11,652,287
	All other projects	\$4,632,069
	All Projects as of 5/31/03	\$16,284,356

June 2003