

Engineering & Technology
Industry Council
Performance Scorecard

Biennium 2007-2009

Eastern Oregon University

6-30-2007

Fiscal Summary

EOU 2005-07 as of 6-30-2007

	Total Available²	YTD Actual³	Year-End Projection⁴	Projected Variance⁵
2006-07				
ETIC Investments⁶	185,089	137,490	0	47,599

Notes: Available includes \$18,494 annual ETIC allocation plus \$47,599 carry forward.

- (1) Fiscal year ending June of indicated year.
- (2) Prior year carry-forward plus current fiscal year budget
- (3) Year to Date as of date shown in title.
- (4) Sum of encumbered and other forecasted expenses.
- (5) Year-End Projection vs. Total Available
- (6) Total for all ETIC funded programs at institution
- (2)-(5) Attach ETIC Financial Info spreadsheet with matching values

Private Support¹

EOU 2005-07 as of 6-30-2007

Value

Student Scholarships & fellowships (approx.)	10,000
Other cash donations	500
Other cash grants and contracts	
Equipment donations and discounts	
Other property, real estate	
Internship salaries	
Other salaries and equivalent	

EOU University Advancement is currently in discussions with a donor for a potential six figure scientific equipment donation. Also, EOU will receive \$200K in state funds for a SAN and \$580K for regional outreach. Both will provide some benefits to EOU's CS, MM, Math, and Physics programs and outreach.

Total	10,500
Annual Goal	80,926
Variance	(70,426)

- (1) Provide details using current version of ETICFinancialInfoTemplate. Report based on Policy on Private Support Reporting <http://www.oregonetic.org/mission/eticprivatematch5.pdf>
- (2) Fiscal year ending June of indicated year.

Other Leverage -- Federal & Other Grants

EOU 2005-07 as of 6-30-2007

Grantor	Description	Value
Selected grant applications funded during 2006-07:		
American Chemical Society	– Research and student travel	5,300
ORTOP	– Lego Robotics Tournament	600
ACS Richland, Soroptimists, AHEC	– Girls in Science	3,000
Various	– Teaching Science	<u>117,526</u>
Total		126,426
Selected pending grant applications:		
ED/TRIO	– Upward Bound Math/Science	1,000,000
ODF&W	– Molecular Genetics	38,017

Faculty Supported

EOU 2005-07 as of 6-30-2007

	Goal ¹	Actual ²
Hired in previous biennia ³ :	1.0	1.0
Hired in this biennium ⁴ :	1.0	0.9
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Total	2.0	1.9

(1) From ETIC Plan for '03-'05 Biennium.

(2) Those currently employed, not including those to be hired later in biennium. Stated as FTE. Includes any adjuncts supported by ETIC funds. Faculty receiving partial support from ETIC funds should be reported as partial FTE.

(3) Faculty hired before beginning of '03-'05 Biennium that are being supported by ETIC funds during '03-'05 Biennium.

(4) Faculty newly hired during current biennium using ETIC funds.

Undergraduate Category

EOU 2005-07 as of 6-30-2007

	AY99	AY04	AY05	AY06	AY07	AY09 ¹
CS, MM, Math, and Physics Student Credit Hours:					E	E
Goal ²			1,680	2,106	2,625	3,150
Projected/Actual ³	1,417	2,565	2,553	2,666	2,720	4,050
Variance ⁴			873	564	95	900
CS, MM, Math, and Physics Graduates:						
Goal ²			5	11	16	21
Projected/Actual ³	0	11	8	9	11	28
Variance ⁴			3	3	5	11

Comments: The number of graduates is accurate as of 6-30-2007, but it is possible there may be one or a couple of graduates who weren't in the system as of 6-30-2007. Goal is a 4.5% average increase in graduates each year to 2020 and to restart a pre-engineering program by 2020.

(1) Academic Years ending in June of indicated years.

(2) From ETIC Plan for '03-'05 Biennium.

(3) Actuals for prior years. Projections for years not yet complete, including future years. Projections may be different from goal. Values in the current year or prior years that are not final are indicated with an "E", e.g. 78E.

(4) Projected/Actual less Goal for all years where Goal established, including years with projected values.

Graduate Category

EOU 2007-09 as of 6-30-2007

AY99 AY04 AY05 AY06 AY07 AY09¹

Student Credit Hours

Goal²

Projected/Actual³

Variance⁴

N/A – No eligible graduate programs at present.
Goal is to launch a Masters program by 2020.

Graduates

Goal²

Projected/Actual³

Variance⁴

Comments:

- (1) Academic Years ending in June of indicated years.
- (2) From ETIC Plan for '03-'05 Biennium.
- (3) Actuals for prior years. Projections for years not yet complete, including future years. Projections may be different from goal. Values in the current year or prior years that are not final are indicated with an "E", e.g. 78E.
- (4) Projected/Actual less Goal for all years where Goal established, including years with projected values.

Research Metrics

EOU 2007-09 as of 6-30-2007

	Prior Year Actual ⁶	Current Year Goal ⁵ Actual ⁶
Research Faculty ²		
Total Research Expenditures ³		N/A
Research Expenditures / Faculty ⁴		

Goal is to develop regional partnerships with PNNL for research and internship opportunities.

- (1) Fiscal year ending in June of indicated year
- (2) Number of faculty members whose roles include research
- (3) Total dollars spent by ETIC-related departments towards research during academic year
- (4) Total Research Expenditures divided by Research Faculty
- (5) From ETIC Plan for '03-'05 Plan.
- (6) If actual is not yet available, estimate is marked with "E". If estimate is not possible, "N/A" is shown.

Student Metrics

EOU 2007-09 as of 6-30-2007

	Prior Year	Current Year	
	2004-05	2006-07	
CS, MM, Physics, Math:	Actual ⁷	Goal ⁶	Actual ⁷
Freshmen SAT/ACT ² :	72%	55%	71%
Incoming grad-student GRE ³ :	N/A		
Women graduating ⁴ :	3/8 (38%)	20%	1/9 (11%)
Minorities graduating ^{4,5} :	1/8 (13%)	20%	3/9 (33%)

Comments: This year we had two students with ACT scores, and the ACT scores submitted pulled the average down to 60%. Using only SAT scores, the percentage is 76%. Goal is to increase the women and minority graduate goal to 30%.

- (1) Academic year ending in June of indicated year
- (2) Percentiles for freshmen that have declared relevant majors. If applicants are required to submit SAT scores, the percentile corresponding to the average composite SAT score of those submitting them. If applicants have choice of SAT and ACT, average composite SAT score and the average composite ACT score, converted to percentiles in each case, and combined as the weighted average of the two.
- (3) Percentiles based on the average quantitative score over those submitting such scores; ignoring verbal and analytic scores.
- (4) From engineering, computer science, and other programs directly benefiting from ETIC funding, stated as number graduating and as a percent of all those graduating.
- (5) Racial and ethnic minorities who are US citizens or permanent residents.
- (6) From ETIC Plan for '03-'05 Plan.
- (7) If actual is not yet available, estimate is marked with "E". If estimate is not possible, "N/A" is shown.

Intellectual Property Metrics

EOU 2007-09 as of 6-30-2007

	Prior Year	Current Year	
	Actual ⁸	Goal ⁷	Actual ⁸
Spin-offs ²			
Patent Disclosures ³		N/A	
Patents Awarded ⁴			
Number of Licenses ⁵			
Revenue ⁶			

(1) Academic year ending June of indicated year.

(2) Number of spin offs as reported to Association of University Technology Managers.

(3) New patent applications, provisional or otherwise, during year.

(4) Patents awarded by U.S. Patent Office during year.

(5) Number of patent licenses or other royalty-generating intellectual property licenses granted to commercial entities

(6) Revenue from patent and other intellectual property licenses granted to commercial entities.

(7) From ETIC Plan for '03-'05 Plan.

(8) If actual is not yet available, estimate is marked with "E". If estimate is not possible, "N/A" is shown.

National Ranking

EOU 2007-09 as of 6-30-2007

AY99 AY04 AY05 AY06 AY07 AY09¹

- [Program²]

- Goal³

- Actual/Projection:⁴

N/A

- [Program²]

- Goal³

- Actual/Projection:⁴

Eastern Oregon University named one of the top 25 best buys for undergraduate schools in 2006 by GetEducated.com, LLC, an online degree directory of accredited distance learning institutions in the U.S.

Long term goal is to obtain program accreditation.

1) Academic years ending in June of indicated years

2) Name of program, department or college

3) From ETIC Plan for '03-'05 Plan – goals of programs, departments, and or college in terms of national ranking through 2009.

4) Actuals for prior years. Projections for years not yet complete, including future years. Projections may be different from goal. Values in the current year or prior years that are not final are indicated with an "E", e.g. 78E

Successes

EOU 2007-09 as of 6-30-2007

- ## Continuing

- Annual Eastern Oregon Regional FIRST Lego League Robotics Tournament continues
- CS/MM programs remains vital and dynamic, continued solid enrollments.
- Girls in Science awarded national American Chemical Society Award.
- Added twelve nodes to parallel processing cluster used by CS/MM, Chemistry, Math and Physics.

- ## New

- In 2007-09 ETIC funds will be continue to be used to double the capacity of CS labs. We are halfway there.
- Created lab and network maintenance position to increase service to students.
- Hired new full time faculty member to teach computer science courses.
- EOU committed \$200K to a SAN system that will help support ETIC related needs.
- CS/MM faculty increased collaborations for external funding, ex.: Regional Voices.
- Rural Access Initiative includes a component to expand the pipeline in science and technology, and to better prepare teachers in math, sciences and technology.

Faculty Focus: Richard Croft

- Director of Local FIRST Lego League tournament at EOU 2004-2006. Number of participating teams has more than doubled
- Volunteer and curriculum developer for Girls in Science, 2003-06.
- Fellow of the Oregon Writing Project, 2004-2006.
- Developing new pedagogy for introductory computer science to increase success of students in Foundations classes.



Faculty Focus: Frederick Pratter

- Author of Web Development with SAS® by Example, 2nd Edition. SAS Press: Cary NC, August 2006.
- Visiting Professor Technological University of Tajikistan (KBTUT) Khojand, Tajikistan, August-December 2006.
- Invited speaker SAS Global Forum 2007, Orlando FL - international industry user group conference.
- Member of the Board, Grande Ronde Symphony Association.
- Software Engineering Consultant - current engagement for one of the largest accounting firms in the world, porting a mission critical application from Windows to a UNIX based parallel processing cluster.



Faculty Focus: Suranga Hettiarachchi

- Will join CS/MM 2007-08.
- Area is Swarm Robotics.
- Over a dozen articles and presentations.
- Leads a Summer Camp on Robotics.
- PI: DARPA Small Business Initiative Research Program (2 awards).



Challenges

EOU 2007-09 as of 6-30-2007

- Continuing

- Expanding publicity and recruitment efforts to high school and community college students to science and technology programs.

New

- Better interface with our local communities.
- Better interface with our potential partners.
- Accommodating growth in courses due to increased majors in Media Arts program.