

Engineering & Technology Industry Council

2007-2009 Biennium
12-Month Performance Scorecard

Eastern Oregon University
For period ending June 30, 2008

Date prepared: July 18, 2008; *Revised*: July 24, 2008

Fiscal Summary

FY08 as of 06/30/08

	Total Available ¹	YTD Actual ²	Year-End Projection ³	Projected Variance ⁴
ETIC Investments ⁵	272,599	260,809	0	11,790

Notes: Available includes \$225,000 annual ETIC allocation plus \$47,599 carry forward.

- 1) Prior year carry-forward plus current fiscal year budget
- 2) Year to Date as of 6/30/08
- 3) Sum of encumbered and other forecasted expenses.
- 4) Year-End Projection vs. Total Available
- 5) Total for all ETIC funded programs at institution

Attach ETIC Financial Info spreadsheet with matching values

Private Support¹

EOU 2007-09 as of 6-30-2008

	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	
	<hr/>
Total	10,500
Annual Goal	80,926
Variance	(70,426)

- (1) 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 2007-08 as of 6-30-2008

Grantor	Description	Value
Selected grant applications funded during 2007-08:		
American Chemical Society	– Research and student travel	2,500
ORTOP	– Lego Robotics Tournament	600
ACS Richland, Soroptimists, AHEC	– Girls in Science	3,000
NASA OSU	STEM Project	30,000
NSF	Novel Heme Chemistry Project	<u>110,582</u>
Total		146,682

Faculty Supported

As of 6/30/08

	Goal ¹	Actual ²
FTE hired in previous biennia ³	1	1
FTE hired in this biennium ⁴	1	1
Total:	2	2

- (1) From ETIC Plan for 07-09 Biennium.
- (2) Those currently employed, not including those to be hired later in biennium. Stated as FTE. Includes adjuncts supported by ETIC funds. Faculty receiving partial support from ETIC funds should be reported as partial FTE.
- (3) Faculty hired before beginning of 07-09 Biennium that are being supported by ETIC funds during current Biennium.
- (4) Faculty newly hired during current biennium using ETIC funds.

Undergraduate Students

Student Credit Hours	AY05	AY06	AY07	AY08	AY09	AY11 ¹
Goal ²	1,680	2,106	2,625		2750	2900
Actual/Projected ³	3268	2,994	3,020	2,621		
Variance ⁴	(1588)	(888)	(395)	---		
Bachelor's Degrees	AY05	AY06	AY07	AY08	AY09	AY11 ¹
Goal ²	5	11	16		10	12
Actual/Projected ³	7	9	9	11	12	15
Variance ⁴	(2)	2	7	---	(2)	(3)
Comments:						

- (1) Academic Years ending in June of indicated years.
- (2) From ETIC Plan for 07-09 Biennium. As Plan did not include goals for AY08, leave blank for AY08 but include goals from plan for AY09 and AY11.
- (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) Goal less Projected/Actual for all years where Goal established, including years with projected values.

Graduate Students

Student Credit Hours	AY99	AY06	AY07	AY08	AY09	AY11 ¹
Goal ²						
Actual/Projected ³						
Variance ⁴						
Master's Degrees	AY99	AY06	AY07	AY08	AY09	AY11 ¹
Goal ²						
Actual/Projected ³						
Variance ⁴						
Comments:						

- (1) Academic Years ending in June of indicated years.
- (2) From ETIC Plan for 07-09 Biennium. As Plan did not include goals for AY08, leave blank for AY08 but include goals from plan for AY09 and AY11.
- (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) Goal less Projected/Actual for all years where Goal established, including years with projected values.

Research Metrics

	Actual ⁴ AY08	Goal ⁵ AY09
Research Faculty ¹		
Total Research Expenditures ²		
Research Expenditures / Faculty ³		

- (1) Number of faculty members whose roles include research
- (2) Total dollars spent by ETIC-related departments towards research during academic year
- (3) Total Research Expenditures divided by Research Faculty
- (4) If actual is not yet available, estimate is marked with “E”. If estimate is not possible, “N/A” is shown.
- (5) From ETIC Plan for 07-09 Plan. As plan did not include Goal for AY08, provide Goal for AY09.

Intellectual Property Metrics

	Actual for AY08 ⁵	Goal for AY09 ⁶
Spin-offs ¹		
Invention Disclosures ²		
Licenses Granted ³		
Revenue ⁴		

- (1) Number of spin offs as reported to Association of University Technology Managers.
- (2) Number of invention disclosures received by your college or department as reported to Association of University Technology Managers.
- (3) Number of patent licenses or other royalty-generating intellectual property licenses granted to commercial entities
- (4) Revenue from patent and other intellectual property licenses granted to commercial entities.
- (5) If actual is not yet available, estimate is marked with “E”. If estimate is not possible, “N/A” is shown.
- (6) From ETIC Plan for 07-09 Plan. As plan did not include Goal for AY08, provide Goal for AY09.

Successes

EOU 2007-09 as of 6-30-2008

- **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 another national American Chemical Society Award.
- Added twelve nodes to parallel processing cluster used by CS/MM, Chemistry, Math and Physics.
- In 2007-09 ETIC funds will be continue to be used to double the capacity of CS labs.
- EOU committed \$200K to a SAN system that will help support ETIC related needs.

- **New**

- Established first EOU autonomous robotics research group that designed and built RECA the robot.
- Eastern Oregon Science Journal received a first-place, special merit award from the American Scholastic Press Association.
- Created lab and network maintenance position to increase service to students.
- Joined NASA OSU STEM Project to deliver and promote pre-engineering minor.

Faculty Focus: Suranga Hettiarachchi

<http://cs.eou.edu/CSMM/surangah/>



RECA the robot

- Joined CS/MM 2007-08.
- Area is Swarm Robotics.
- Over a dozen articles and presentations.
- Leads the EOU Swarm Robotics/AI research group with 5 students.
- Designed and Develop RECA the robot with the research group.
- Publication written with 3 EOU students appeared in The Journal of Computing Science in Colleges.
- PI: DARPA Small Business Initiative Research Program (2 awards).
- Introduced two new courses to CS/MM program: Multi-agent Systems and Robotics.
- Organizer of special issue on Swarm Robotics for the IJICC – Invited 2009.

Challenges

- Continuing
 - Retention of students past sophomore year.
 - Expansion of Rural Access Initiative that includes a component to expand the pipeline in science and technology, and to better prepare teachers in math, sciences and technology.
- New
 - Developing Industry Advisory Counsel
 - Procuring public and private investment in programs