

Engineering Education Investment Fund Performance Scorecard

Biennium 2001-2003

EOU/OIT/SOU/WOU

IT COLLABORATIVE PROJECT

September 27, 2002



Oregon Institute of Technology

Undergraduate Category

	AY99	AY02	AY03	AY04	AY05*
Student Credit Hours					
– Goal	N/A	50475	57528	62305	67310
– Projected/Actual	35529	25866	57528	62305	67310
– Variance	N/A	24787	N/A	N/A	N/A
• Graduates					
– Goal	N/A	240	406	452	517
– Projected/Actual	148	127**	406	452	517
– Variance	N/A	113	N/A	N/A	N/A
• Comments: Goals include all engineering courses					
• * Academic Year ending in June of the indicated year.					
• ** 182 additional graduates in all engineering curricula					



Oregon Institute of Technology
IT Collaboration

Credit Hours By School

- EOU 508
- OIT 4989
- WOU 2708



Oregon Institute of Technology
IT Collaboration

Private Support

Donor	Description	Value
Scholarships	Cash	\$24,860
IGT		\$21,000
In Kind	Equipment	
Intel		\$75,000
Xilinx Corp		\$11,500
Sharp Micro Elect		<u>\$ 504</u>
	Total	\$132,864
	Goal	\$150,000
	Variance	\$17,136



Oregon Institute of Technology
IT Collaboration

Fiscal Summary

	FY03	YTD	YEAR-END	
	BUDGET	ACTUAL	PROJECTION	VARIANCE
ETIC Investments	\$155,883	\$19,737	\$213,186	11,220
Top Tier Investments	0	0	0	N/A
ETIC & Top Tier	\$155,883	\$19,737	\$213,186	11,220



Oregon Institute of Technology
IT Collaboration

Colloquia

The ETIC/IT project will organize and fund a series of seminars and lectures in specific areas to expertise that are shared by the four collaborative colleges. This endeavor will use both facility from the four institutions and professional experts. The first of these seminars in scheduled for October 14 presented by Dr Rahul Tekekar.



Oregon Institute of Technology
IT Collaboration



ETIC/IT COLLABORATION PRESENTS
Engineering Technology Industrial Council /Information Technology

October 14, 2002 – 6:30 PM
At Oregon Institute of Technology
In Purvine Hall – room 208

**Hack Attacks on Computer Systems: The Good, the
Bad and the Ugly**

Presented By
Dr. Rahul Tikekar
Southern Oregon University

Employers today are willing to spend lots of money keeping their computer systems secure. Hack attacks not only bring down systems, they can also compromise the information contained therein. In this talk we will look at hack attacks and the issues involved with protecting information. Some of the topics to be covered in this talk are

- Famous hack attacks on computer systems and installations
- Different kinds of attacks and how hackers gain access to systems
- What is information assurance and how does it affect us?
- Honeypots and attempts to bait hackers
- Education in computer security

About the Speaker

Rahul Tikekar is associate professor of computer science at Southern Oregon University in Ashland, Oregon. Prior to joining SOU, he worked at the Wayne State University School of Medicine and at the University of California, Irvine. He holds a bachelor's degree in computer science from Bangalore University in India and master's and Ph.D. degrees, also in computer science, from Wayne State University in Detroit. When he is not reading about, or working with, new wireless and PC hardware products, he is teaching on topics that include XML-based systems, Wireless Systems, Computer Security, and Database Systems.

*Please RSVP by October 7th to Sandi Haskins at 541 885-1278 or
email to Haskins@oit.edu*

Engineering Education Investment Fund Performance Scorecard

Biennium 2001-2003

Oregon Institute of Technology

OIT/IT Programs for Working Students

September 27, 2002



Oregon Institute of Technology

IT for Working Students

Undergraduate Category

AY99 AY02 AY03 AY04 AY05*

Student Credit Hours

- | | |
|--------------------|------|
| – Goal | 600 |
| – Projected/Actual | 823* |
| – Variance | +223 |
- Graduates

– Goal	5
– Projected/Actual	8
– Variance	+3
 - Comments:
 - Faculty Hired: Wm. Carter, Ph.D OIT IT Director/Dept Chair.
 - * ETIC supported Cap. Center/Bend MIS/IT Programs Only. Approx. additional 923 IT credit hrs at OIT-KF. Additional related (FtLw, MIS, CSET) not counted.



Oregon Institute of Technology

IT for Working Students

Private Support

Donor	Description	Value
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Total	0
Goal	\$50,000
Variance	\$50,000



Oregon Institute of Technology

IT for Working Students

Fiscal Summary

	FY03	YTD	YEAR-END	
	BUDGET	ACTUAL	PROJECTION	VARIANCE
ETIC Investments	\$198,000	\$32,333	\$268,566	\$14,135
Top Tier Investments				
ETIC & Top Tier	\$198,000	\$32,333	\$268,566	\$14,135



Oregon Institute of Technology

IT for Working Students

Engineering Education Investment Fund Performance Scorecard

Biennium 2001-2003

Oregon Renewable Energy Center

September 27, 2002



Oregon Institute of Technology
OREC

Undergraduate Category

	AY99	AY02	AY03	AY04	AY05*
Student Credit Hours					
– Goal	0	0	150	200	250
– Projected/Actual	0				
– Variance	0				
• Graduates					
– Goal	0	0	0	0	10
– Projected/Actual	0	0			
– Variance	0	0			
• Comments:					
•	* Academic Year ending in June of the indicated year.				



Oregon Institute of Technology
OREC

Private Support

Donor	Description	Value
PacifiCorp	OIT Child Care Center Renewable Energy Demonstration Project.	\$17,285
Jeld-Wen Foundation	OIT Child Care Center Renewable Energy Demonstration Project	\$50,000
Jeld-Wen Foundation	In-kind materials donate to OIT Child Care Center Project	<u>\$40,000</u>
	Total	\$107,285
	Goal	\$100,000
	Variance	\$7,285.00



Oregon Institute of Technology
OREC

Fiscal Summary

	FY03	YTD	YEAR-END	
	BUDGET	ACTUAL	PROJECTION	VARIANCE
ETIC Investments	0	0	0	0
Top Tier Investments	\$154,137	\$57,166	\$248,749	\$14,987
ETIC & Top Tier	\$154,137	\$57,166	\$248,749	\$14,987



Oregon Institute of Technology
OREC

Other Leverage -- Federal & Other Grants

Grantor	Description	Value
United States DOE	Biological and Environmental Research Program	485,000
		Total
		\$485,000



Oregon Institute of Technology
OREC

OREC Projects

1. Curriculum development for BS degree
2. The Child Care building energy system renovation;
3. Replacement of energy efficient controls in Klamath Falls City and County public schools HVAC systems;
4. Exploring the possibility of powering the new student residence facility by renewable energy technologies



Oregon Institute of Technology
OREC

Development of Interdisciplinary Courses Scheduled for Fall 2002

- PV I (Photovoltaics)
- PV II
- Systems and Power Electronics
- 3 courses on fuel cells



Oregon Institute of Technology
OREC

Engineering Education Investment Fund Performance Scorecard

Biennium 2001-2003

Pre-College Programs, OIT

September 27, 2002



Oregon Institute of Technology
OIT Pre-college Programs

Undergraduate Category

	AY99	AY02	AY03	AY04	AY05*
Pre-College Outreach Participants					
– Goal		3200	3360	3595	3847
Projected/Actual		3505			
– Variance		+305			
• Comments:					
– Establishing a Southwestern Region Saturday Academy at OIT.					
– OIT’s Summer Institute for Science Teachers is collaborating with Saturday Academy’s SWRP’s (Student Watershed Research Project) Riparian and Aquatic Ecosystem Monitoring Workshop on the Pacific University campus in late July. This collaboration enables OIT & SWRP to maximize resources and provide greater outreach to science teachers.					

* Academic Year ending in June of the indicated year.



Oregon Institute of Technology
OIT Pre-college Programs

Private Support

Donor	Description	Value
Intel	Scholarship and Program Support	\$30,000
Intel	Equipment	24,400
ESI	Program Support	750
IBM	Equipment	12,220
Qwest	Scholarship	1,000
Bend Research	Scholarship	500
Blount	Scholarship	<u>500</u>
	Total	\$69,370
	Goal	\$35,000
	Variance	\$34,370



Fiscal Summary

	FY03	YTD	YEAR-END	
	BUDGET	ACTUAL	PROJECTION	VARIANCE
ETIC Investments	\$150,000	\$21,869	\$262,284	\$13,804
Top Tier Investments	0	0	0	0
ETIC & Top Tier	\$150,000	\$21,869	\$262,284	\$13,804



Oregon Institute of Technology
OIT Pre-college Programs

Other Leverage -- Federal & Other Grants

Grantor	Description	Value
Oregon Tech Foundation		\$16,000

Total \$16,000



Oregon Institute of Technology
OIT Pre-college Programs