

Engineering Technology Industry Council
Meeting held April 23, 2004 at CAPITAL Center

In Attendance:

Ron Adams	OSU
Morgan Anderson	Intel
Norm Armour	LSI
Gerhard Beenen	Network Elements
Eileen Boerger	ProDX
Susan Boyanovsky	Oregon Dept of Education
Bob Broeg	WOU
Dave Brown	Textronix
Shirley Clark	OUS
Kathy Clevenger	Microchip Technology
Joyce Cresswell	Saturday Academy
Bruce DeYoung	OSU Extension
Martha Anne Dow	OIT
Bob Dryden	PSU
Rich Duncombe	H-P (by phone)
Kirby Dyess	OSBHE (by phone)
Dick Fairley	OHSU/OGI
Robin Furness	PacifiCorp
Ron Geason	PSU
Scott Giltz	Clackamas Community College
Michelle Girts	CH2M Hill
Joe Graf	SOU
Ray Guenther	Intel (by phone)
Scott Huff	PCC
Dave Johnson	UO
Gary Kaleta	Gunderson
Chris King	Planar Systems
Gary Lietke	OUS
Richard Linton	UO
Lynn Lundquist	OBA (by phone)
Harvey Mathews	AOI (by phone)
David McFeeters-Krone	Intellectual Assets, Inc.
John Miller	EOU (by phone)
Gordon Reistad	OSU
Wally Rhines	Mentor Graphics
Bruce Schafer	OUS
Ed Thompson	OHSU/OGI
Jim Troisi	IBM
Roy Vinyard	Asante Health Systems
Michele Vitali	OUS
Dave Woodall	OIT
Michal Young	UO
Craig Zemke	JELD-WEN

Michelle Girts, ETIC Chair, opened the meeting by asking for approval of the March 19, 2004 meeting minutes. Motion was made, seconded and unanimously approved.

A motion to amend the ETIC bylaws was made, seconded and unanimously approved allowing the Chair of the State Board of Higher Education to appoint a designee for his or her ETIC nonvoting membership in Section IV.A. of the bylaws.

Pre-engineering Presentations

Scott Huff of Portland Community College, Scott Giltz of Clackamas Community College, and Susan Boyanovsky from the Oregon Department of Education gave a combined presentation to ETIC on the community college effort to include high school students in the pre-engineering pipeline. A copy of their presentation is located at http://www.oregonetic.org/meetings/PCC_Huff_042304.pdf.

Scott Huff reported that of the 17 community colleges in Oregon, 6 have engineering programs, 8 have engineering technology programs and most offer relevant courses. Of the 225 public high schools in Oregon, 11 have approved pre-engineering curricula and many want to have one. Susan Boyanovsky then talked about the ODE's "Challenge Grant" the objective of which is to improve the career path framework for high school students interested in engineering and foster cooperative efforts between secondary and post-secondary schools. She also discussed "Project Lead the Way," a nationwide non-profit program. Scott Giltz also discussed the NOCTI (the National Occupational Competency Testing Institute) Exam.

Joyce Cresswell with Saturday Academy then made a presentation, including scorecard, for the Pre-College Consortium of OIT, PSU's Saturday Academy and OSU's Extension/4-H, which can be viewed at http://www.oregonetic.org/investment_indicators/03-05/pre-college2004-0423.pdf. She touched on the various programs and summer camps available throughout Oregon to high-school students. They greatly appreciate ETIC's commitment toward the pipeline, and have reached out to all but 5 of the outlying counties in Oregon.

When asked about tracking the level of college continuation for those taking their programs Joyce responded that they have not had the resources to track them at the level. Morgan Anderson of Intel suggested that Bruce sample the AeA scholarship students to see how many had participated in these programs.

Review of 2005-2007 Proposal

Michelle Girts thanked the campuses for their quick responses to the request for proposals last month and presented slides on the new ETIC Plan, some of which will be presented to the OSBHE at the Board meeting on May 7th.

The voting member committee met to review the proposals April 9th and thought they were very well done. Some clarifications and revisions were requested, and final drafts have been received. Seven investment areas were chosen for maximum economic impact along with a pre-engineering component. The committee appreciates the attention to possible collaboration given. The total request is for \$43 million, and the draft allocation (see chart below) was presented for review.

Core proposal requests total \$20.9 million, with \$80,000 set aside for a real-time partnership initiative and pre-college planning. The balance includes \$19.7 million for New Initiatives, with a \$1.6 million research fund to be used in conjunction with the real-time initiative and an \$800,000 pre-college fund for a competitive RFP in cooperation with the community colleges. Additionally, \$13.85 million in Capital Requests is requested separately. ETIC also hopes to reach further geographically and invest in the pipeline through cooperation with the 17 community colleges.

ETIC Allocation Recommendation

Working Draft 4/21/2004	2003-2005 Total Allocations			2005-2007 Core Proposals			2005-2007 New Initiatives			2005-2007 Operational Subtotals			2005-2007 Capital Investments		
	State Funds (\$M)	Private Support (\$M)	Support Ratio	State Funds (\$M)	Private Support (\$M)	Support Ratio	State Funds (\$M)	Private Support (\$M)	Support Ratio	State Support (\$M)	Private Support (\$M)	Support Ratio	State Funds (\$M)	Private Support (\$M)	Support Ratio
	EOU	0.25	0.08	0.30	0.35	0.13	0.37	0.55	0.33	0.59	0.90	0.46	0.51	0.30	0.60
OGI	2.60	4.00	1.54	2.60	4.23	1.63	1.80	2.77	1.54	4.40	7.00	1.59	0.40	0.80	2.00
OIT	1.08	0.97	0.90	1.04	0.44	0.42	0.80	0.40	0.50	1.84	0.84	0.46	1.00	2.00	2.00
OSU	9.92	19.15	1.93	9.87	19.74	2.00	8.00	12.00	1.50	17.87	31.74	1.78	0.65	1.30	2.00
PSU	4.96	5.83	1.18	5.13	7.69	1.50	4.24	6.86	1.62	9.37	14.54	1.55	7.50	15.50	2.07
SOU	0.54	0.54	0.99	0.53	0.27	0.51	0.00	0.00	0.00	0.53	0.27	0.51	0.00	0.00	0.00
UO	1.80	4.24	2.36	1.05	1.76	1.68	4.13	6.20	1.50	5.18	7.96	1.54	4.00	8.00	2.00
WOU	0.25	0.08	0.30	0.25	0.13	0.50	0.20	0.10	0.50	0.45	0.23	0.50	0.00	0.00	0.00
Subtotal / Average	21.40	34.88	1.63	20.82	34.38	1.65	19.71	28.65	1.45	40.53	63.03	1.56	13.85	28.20	2.04
Other investments															
Planning	0.00			0.08			0.00			0.08			0.00		
Research Fund	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.59	1.00	1.59	1.59	1.00	0.00	0.00	0.00
Pre-college RFP	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.80	0.00	-	0.00	0.00	0.00
Total	21.40	34.88	1.63	20.90	34.38	1.65	22.10	30.24	1.37	43.00	64.62	1.50	13.85	28.20	2.04

Bruce clarified the process of submitting the ETIC proposal: First the request is submitted to the OSBHE for approval. Upon their approval the plan is forwarded to the governor for placement in his budget and then to the Oregon Legislature.

Bruce distributed a draft of the OUS Agency Request Budget Policy Package Proposal to be submitted to the Board for approval. A motion was made, seconded and unanimously approved to accept the ETIC allocation and submit the proposal to the Board as presented.

2003-2005 Scorecard Presentations

Some clarifications on scorecards presented at the last meeting were provided.

- EOU – John Miller responded to questions raised about why their Freshman SAT % Goal was only 55%, compared with their actual of 66%. He stated that 55% is a realistic goal for them and that because of the small number of students, the percentiles tend to move around a lot.

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- OIT – Martha Anne Dow presented a correction to her previous scorecard after being asked to check variances in student credit hours reported at the last meeting. The student credit hours on slide 6 were reported incorrectly and included collaborative data. The corrected data has been posted on the ETIC website.

The following universities presented their first scorecards of the 2003-2005 biennium. The Powerpoint presentations are located at http://www.oregonetic.org/investment_indicators/2003-2005.htm.

- OHSU/OGI – Dick Fairley
- SOU – Joe Graf
- UO – Michal Young (CIS) and Dave Johnson (MSI)
- WOU – Bob Broeg

A question that arose about tracking graduate degrees awarded in the MSI program: Currently only Master's degrees are included. Should PhD's be included as well? Bruce and Dave will follow up.

Other Items

Chris King brought up an analysis that he had emailed to the voting members regarding the dollar investment required to increase the absolute number of graduates. He noticed great disparities amongst the universities in the level of funding per graduate and suggested we do some further quantitative analysis to evaluate our return on investment. Michelle responded that it is our intent to obtain some national data so we can calibrate that into our allocation decisions. We hope to have some data available by June, as it would be helpful to measure against other similar schools.

Bruce reminded everyone that the VIP tours are taking place (schedule posted at <http://www.oregonetic.org/meetings/VIPtours/VIPtourschedule.pdf>) and these are a great opportunity to spread awareness and meet local community leaders.

Michelle noted we would be moving forward with developing a communication plan as discussed at the March 8th Strategic Planning Session.

There being no further business, the meeting was adjourned.