

OIT Proposal Driving Points:

Cradle-to-Workforce Comprehensive Pipeline:

- *Pre-College, Recruitment, Retention, to Job-ready Graduates.*

Plan Based on Industry Partner Inputs and Needs:

- *Focus on Oregon Economic Development / Oregon Industry Needs.*

Multi-Use Strategy:

- All ETIC Investments Used for More than One Benefit.

Solid Investment Completion Plan based on Proven Track Record:

- *All Academic Programs to be Self Funded at 20:1 Student to Faculty Ratio (with a minimum of three faculty).*
- *Applied Research Plans Include External Funding Development Component.*
- *Plan Includes all Aspects of Graduate Production—Pre-college Pipeline, Recruitment, and Retention.*

Summary of Investments

TOTAL BIENNIUM INVESTMENT IS \$3.8M.

Pre-College Program—an investment of \$300K is requested for the creation of a cradle-to-workforce pipeline.

Applied Research—investment of \$959K in seed money for the creation of self sustaining research programs.

Student Recruiting—an investment of \$240K for a recruiting specialist within the School of Engineering, Technology, and Management to focus on meeting ETIC's key strategic goal of doubling number of engineering graduates.

Summary of Investments

Education—four investments in ETIC / Governor Kulongoski key strategic areas:

- Renewable Energy Systems investment of \$432K.
- Information Technology investments in Embedded Computer Systems \$212K, Health Informatics \$996K, and Geographical Information Systems \$150K.
- OIT Online Graduate Program in Manufacturing Engineering investment of \$156K.
- Special Opportunity investments in Biomedical Engineering \$195K and Manufacturing Engineering Technology Robotics Laboratory \$160K.

Key Proposal Metrics and Forecasts

	Actual	Actual	Forecast	Forecast	Forecast
	AY 98/99	AY 06/07	AY 10/11	AY 12/13	AY 19/20
Graduation rate, 6-year	23.2%	37%	41.44%	44.03%	52.54%
Bachelor's degrees granted	154	198	260	297	496
Master's degrees granted	1	3	8	15	30
Women graduating as %	10.3%%	9.3%	10.42%	11.07%	13.21%
Minorities graduating as %	7.27%	10.7%	11.98%	12.73%	15.19%
Externally-funded Research	\$0.77 M	\$1.2 M	\$1.8 M	\$2.4 M	\$6.0
National ranking of OIT	none	4/10	top 10	top 10	top 10