

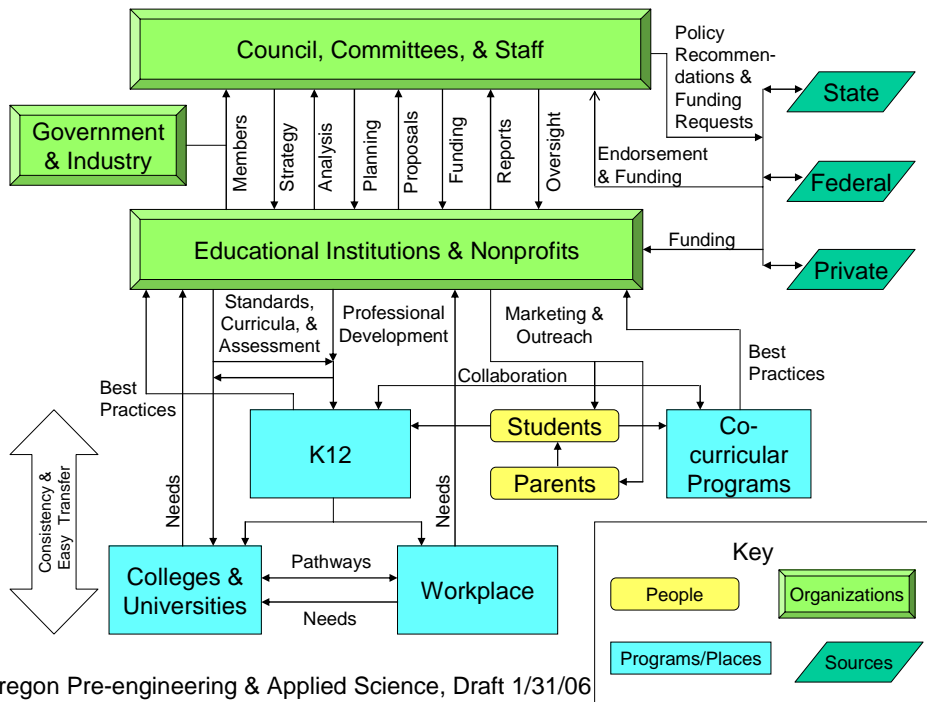
**2007-2009 OUS Agency Request Budget  
Policy Package Proposal  
Draft, 4/10/06**

**Title:** Oregon Pre-engineering & Applied Sciences – Enhancing Opportunities for Oregonians to Participate in Growth of Oregon’s Economic Clusters

**Policy Initiative:** Enhanced access, Improved Alignment, Efficient Transfer, Enhanced Academic Excellence, Increased number and diversity of Oregonians with advanced skills to participate in growth Oregon’s economic clusters

**Description:** Representatives from all educational sectors, industry, and non-profits have come together to create a statewide for pre-engineering & applied sciences. This work was initiated a statewide summit in September 2005 co-sponsored by OUS, ODE, CCWD, and two foundations. It is being carried forward by a steering committee and a set of subcommittees covering the following areas:

- Alignment and coordination: system-wide
- Alignment and coordination: curricular and co-curricular
- Standards, courses, and curricula
- Student success: access, motivation, and retention
- Career and degree pathways
- Instructional Professional Development
- Diversity
- Marketing



Oregon Pre-engineering & Applied Science, Draft 1/31/06

Funding would go toward providing staff support to this planning and coordination effort and providing grants to participants to implement the OPAS recommendations.

- Standards
- Curricula
- Assessment
- Professional Development
- Marketing & Outreach

- Collaboration between
- Levels
- Institutions
- Curricular and Co-curricular
- Degree & Career Pathways

**Expected Outcomes:**

This investment will

- increase the opportunity for Oregonians to gain insight into technical careers,
- add relevance and thus motivation to the learning of mathematics and science
- provide concrete examples and hands-on experiences, increasing the depth of understanding and subsequent retention of the knowledge and skills
- complete other efforts to enhance mathematics and science education
- bring together best practices from the curricular and co-curricular world
- enhance the teaching skills of Oregon’s teachers
- reach out to students and parents throughout Oregon to give them a better understanding of the opportunities available to them and the steps required to take advantage of them.

**Performance Indicators:**

- Percent of graduates employed and/or continuing education (#23)
- Percent of employed graduates working in Oregon (#24)
- Total number of degrees granted in engineering and computer science (all levels; including multiple majors) (#22)
- Average rating of overall quality of engineering/computer science graduates by Oregon employers (#6)

**Budget Outline:**

FTE’s and position titles: 0.75 FTE Program Coordinator

<b>Recurring Costs</b>		
	Year One	Year Two
Salary	\$34,000	\$36,000
OPE	\$12,000	\$13,000
S&S	\$1,000	\$1,500
Capital Outlay	0	0
Technology Expenses	\$1,500	\$1000
<b>Total Cost</b>	<b>\$48,500</b>	<b>51,500</b>

<b>One-Time Costs</b>		
	Year One	Year Two
Salary		
OPE		
S&S	\$500,000	\$500,000
Capital Outlay		
Technology Expenses		
Phase In		
Phase Out		
<b>Total Cost</b>	<b>\$500,000</b>	<b>\$500,000</b>