

# Oregon Institute of Technology: *Opportunity Initiative Triumph*

**Convocation 2010**

Christopher G. Maples, President  
Oregon Institute of Technology  
September 16, 2010



*Hands-on education for real-world achievement*

# Presentation Summary

- **Students! Students! Students!**
- **A Really Busy 2009–2010!**
  - **Oregon Tech—Relevant Numbers, Trends, & Statistics**
  - **Opportunities for Oregon Tech Last Year & in the Future**
  - **Initiatives that Oregon Tech Completed, Started, & Began Planning for the Future**
  - **Triumphs & Other Successes from 2009–2010**
- **Oregon Tech Moving Forward**
  - **Measuring Success**
  - **Strategic Planning**
- **Students! Students! Students!**

# Oregon Tech: Students

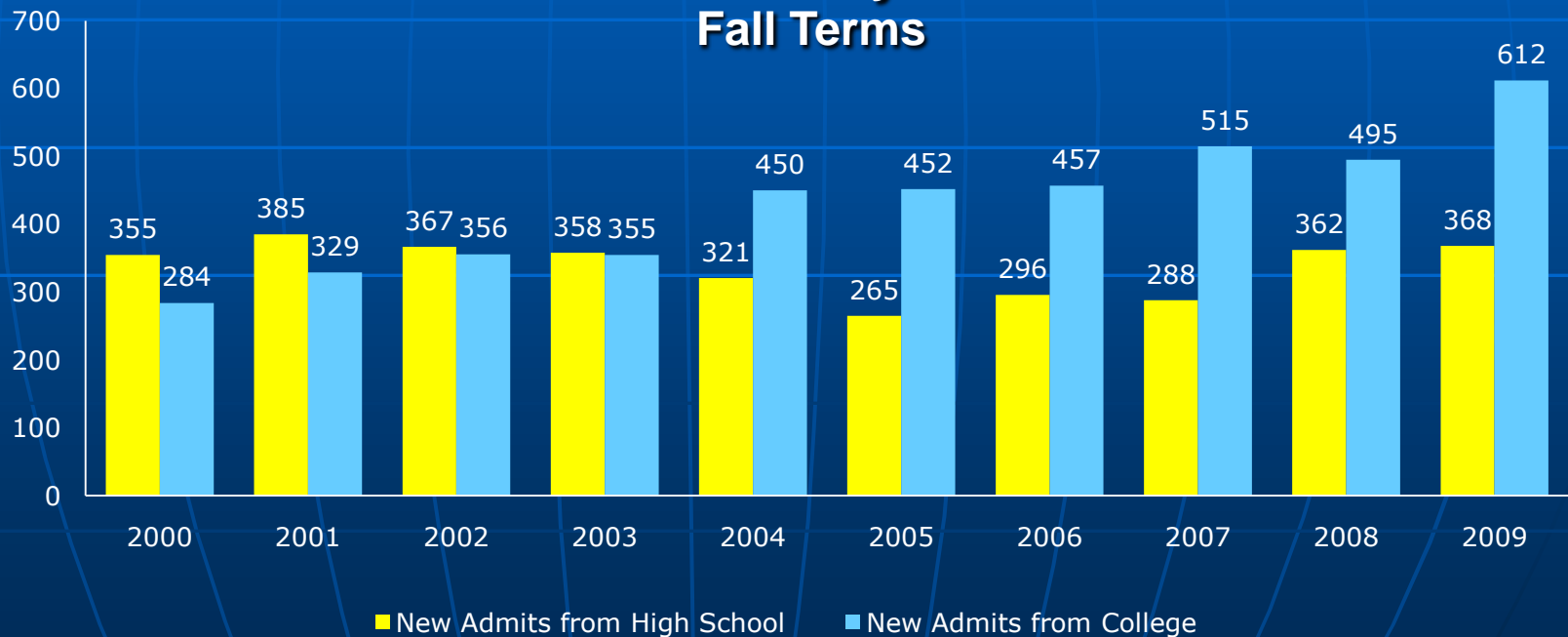
**Total Enrollment (Fall 2009): 3,927**

**Male: 2,008 (51%); Female: 1,919 (49%)**

**Student Diversity: 14.4%**

**Fall 2009 Total 980 students — 62% College Transfers**

**OIT Previous Attendance by Educational Source  
Fall Terms**



# Oregon Tech: Students

**Student to Full-time Faculty Ratio: 20.1:1**

**New Transfers (2009):**

**Oregon Community Colleges (F2009) — 265**

**Portland Community College — 67**

**Klamath Community College — 43**

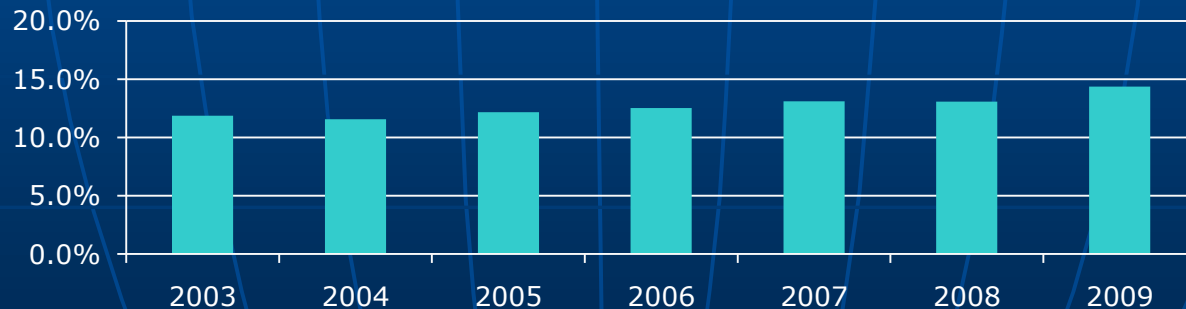
**Chemeketa Community College — 25**

**Central Oregon Community College — 22**

**Lane Community College — 22**

**Rogue Community College — 20**

**OIT Student Diversity**



# Oregon Tech: & More Students

## Highest-enrolled Majors (2009–2010):

Renewable Energy Engineering — 232

Medical Imaging Technology — 208

Radiologic Science — 138

Dental Hygiene (Klamath Falls, ODS, & Online) —  
198

Software Engineering Technology — 151

Applied Psychology — 130

Geomatics — 123

Manufacturing Engineering Technology — 122

Civil Engineering — 119

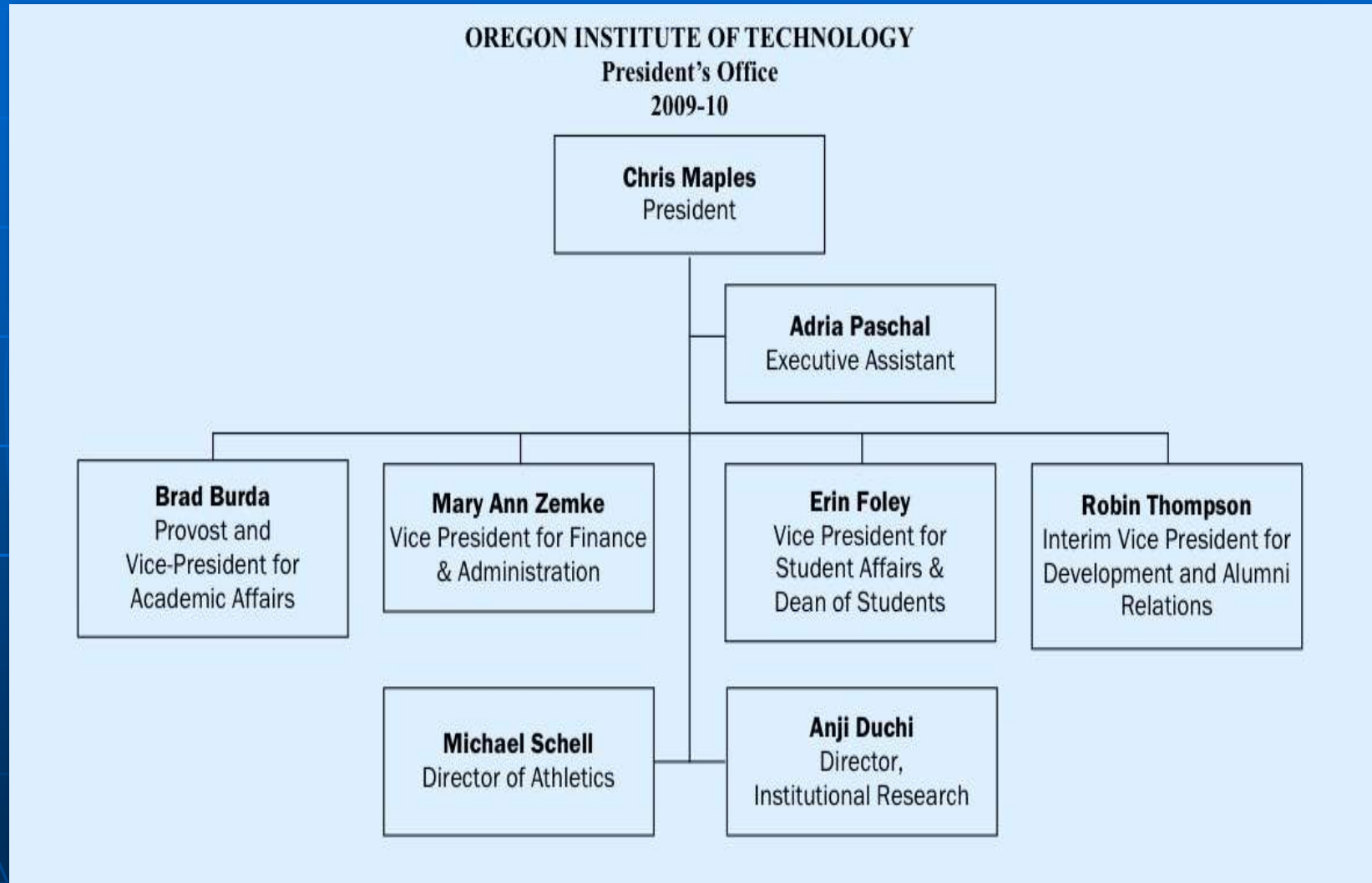
Mechanical Engineering Technology — 113

Computer Engineering Technology — 103

Mechanical Engineering — 99

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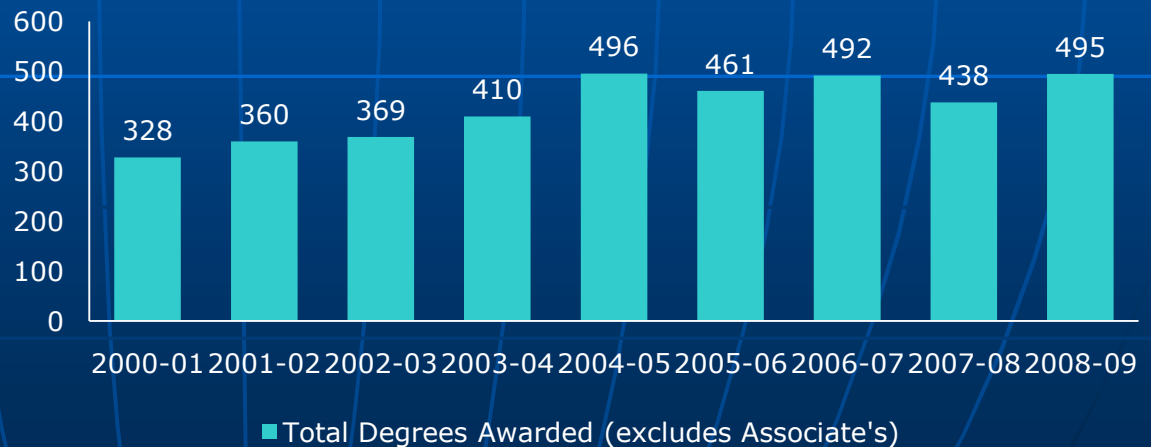
# President's Office Changes 2009–2010



# Oregon Tech's Achievements

- 92% of alumni respondents in graduate school or employed 6 months after graduation (71% in degree-related jobs)
- Average starting salary \$55,000 in 2009–2010
- Seven of Oregon Tech's 10 athletic teams' GPAs  $\geq 3.0$ 
  - GPAs of the other 3 teams are no lower than 2.9

**Trend in Total  
Number of Non-  
Associates  
Degrees  
Awarded at  
Oregon Tech**



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# Oregon Tech Accomplishments 2009–2010 (partial list)

- **#1 – WE DID MORE WITH LESS AND DID IT BETTER THAN EVER BEFORE!**
- **More facilities to maintain with fewer personnel**
- **More students to teach than ever**
- **More students to help, advise, & care for than ever**
- **More students to feed than ever**
- **More paperwork & reports to file than ever**
- **ALL DONE WITH A TEMPORARY DECREASE IN PAY OR FURLOUGHS**



# Oregon Tech Accomplishments 2009–2010 (partial list)

- **FOR THIS AND SO MUCH MORE, EVERYONE AT THE OREGON INSTITUTE OF TECHNOLOGY HAS EARNED THANKS AND ADMIRATION FROM THE PEOPLE OF OREGON AND THE PARENTS OF OUR STUDENTS EVERYWHERE!!**



# Oregon Tech Accomplishments 2009–2010 (partial list)

- **New Mission Statement**
- **New Peer Institutions list for Oregon Tech**
- **New MS in Renewable Energy Engineering**
- **Oregon's first geothermal combined heat & power plant dedicated at Oregon Tech in Klamath Falls**
- **Established Office of Innovation & Technology Transfer (OITT)**
- **Conversion of gymnasium at Harmony Road (Portland east) campus for REE laboratories**
- **Lease signed for new combined Portland-metro area building in Wilsonville**

# Oregon Tech Consolidation in Wilsonville

## ■ Wilsonville Opportunity

- Adjacent to I-5
- 131,000 ft<sup>2</sup>
- >500 parking spaces
- >6 acres
- Industry



# Oregon Tech Consolidation in Wilsonville

- **Wilsonville Opportunity**



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# Benefits of a Wilsonville Location

- **Increase health, engineering, & technology graduates**
- **Grow innovation & partnerships with industry, focusing on undergraduate and applied masters (professional graduate) degrees**
- **Space & opportunity for enhanced Applied Baccalaureate agreements with community colleges**
- **Easier, more efficient addition of resources to Portland metro area**
- **Enhanced complementary OUS presence along I-5 corridor**

# Proposed Purchase Timeline

## ■ Purchase Date 2013

- Sign Lease June 2010
- Prelim Space Design 2010–2011
- Final Const Plans April 2011
- Bonding Approval May 2011
- TI Construction Begins June 2011
- Lease Commences Sept 2011
- TI Construction Ends Feb 2012
- Move-in Begins Mar 2012
- Classes Begin NLT Fall 2012



# Proposed Purchase Date & Funding

## ■ Purchase Date 2013

- Purchase Price \$21,500,000
- Related Costs \$ 8,500,000
- **TOTAL** \$30,000,000



## ■ Funding Sources

- Gifts ~\$ 3,800,000
- Other Funds ~\$ 6,200,000
- XI G Bonds \$15,000,000
- Lottery Bonds \$ 5,000,000
- **TOTAL** \$30,000,000



# Oregon Tech Programs & Majors in Northern Willamette Valley

- **Clinical Laboratory Science**
  - Joint Degree Program with OHSU
- **Electronics Engineering Technology**
- **Information Technology**
  - Options: Health Informatics; Applications Development; Business/Systems Analysis
- **Manufacturing Engineering Technology [BS & MS]**
- **Mechanical Engineering Technology**
- **Operations Management**
- **Paramedic Program**
  - Joint Degree Program with OHSU
- **Renewable Energy Engineering [BS & MS]**
- **Software Engineering Technology**



# Oregon Tech Accomplishments 2009–2010 (partial list)

- **Completed Oregon Tech's first capital campaign for Martha Anne Dow Center for Health Professions**
  - **Raised final ~\$1.55M**
  - **Reported to Kresge Foundation that terms of their \$1M matching grant had been achieved**
- **Received ~\$2.5M Department of Energy workforce training grant for REE (Bob Bass, PI)**
- **Received additional ~\$1M from Department of Energy for the larger geothermal power plant**
- **Received ~\$1.3M Department of Education Tech Opportunities Program (TOP) Grant**
- **Received \$150K from Department of Labor for Renewable Energy Engineering internships**

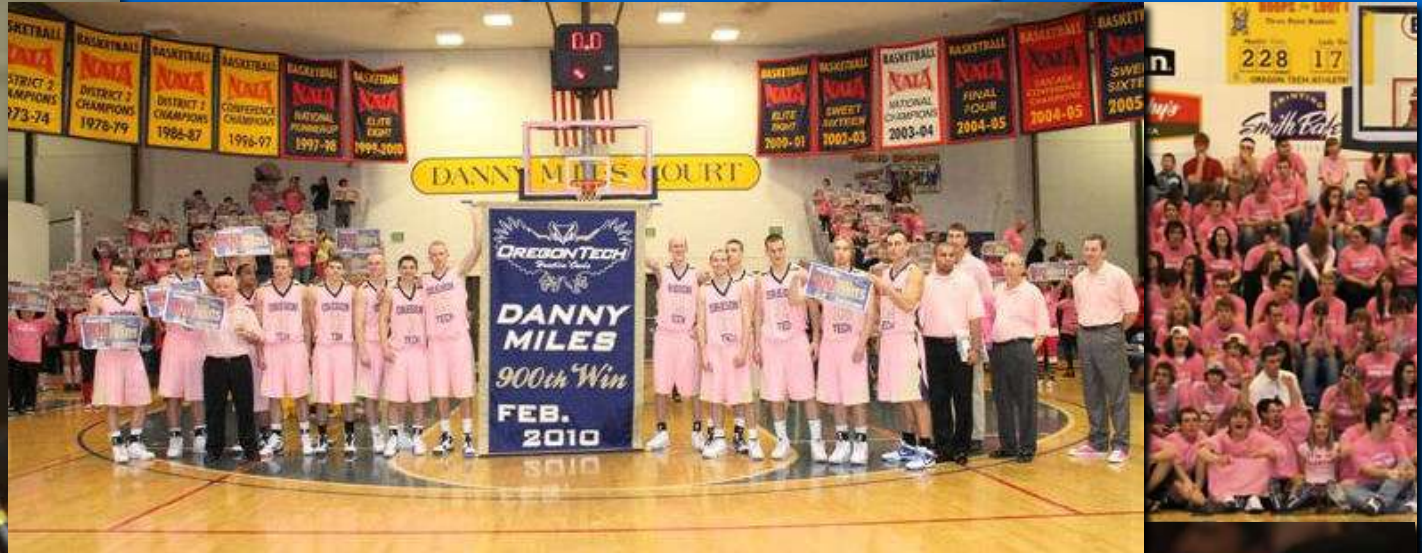
# Oregon Tech Accomplishments 2009–2010 (partial list)

- Received ~\$100K from US Department of Agriculture under the Rural Energy for America Program (REAP)
- Received ~\$175K from Worksystems, Inc., (part of Dept of Labor & Oregon SESP grant) to provide training in high-growth & emerging industries
- Received ~\$100K from US Dept Health & Human Services for CLS program in Klamath Falls
- Received ~\$250K from US Dept Health & Human Services for medical imaging software–Picture Archiving & Communications Systems (PACS)

# Oregon Tech Accomplishments 2009–2010 (partial list)



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# Recognition 2009–2010 at Oregon Tech

- **Named as a top-10 “Green” College Program in the US by *WiseChoice* in recognition of Renewable Energy Engineering degree**
- **Listed as one of 6 best Land Surveying Schools in the US by *eHow***
- **Noted in *Forbes Magazine* as one of the top 600 colleges and universities in the US (top 15% in US)**



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# Recognition 2009–2010 at Oregon Tech

- **Ranked #7 college in the western US in 2010-2011 *USNews & World Report***
  - **Ranked #2 in Peer-Assessment (US Air Force Academy)**
  - **Ranked #3 public college (USAFA; Cal Maritime Academy)**
- **Ranked #42 engineering program (bachelors & masters institutions) in US in 2010-2011 *USNews & World Report***
  - **Tied with Boise State, Cal State Sacramento, & 4 others**
  - **Tied for 15<sup>th</sup> Best Public University Baccalaureate Engineering Program**



# Strengths of Oregon Tech

- **Small classes**
- **Rigorous education**
- **Engaged, active faculty**
- **Engaged, active staff**
- **Hands-on learning**
- **Real-world problem solving**
- **Open, inviting, and non-exclusionary**
- **Nimble, responsive, and predictive**
- **State-wide mission and presence**
- **Collaborative nature**
- **Clearly defined niche in the Pacific Northwest**



# Measuring Oregon Tech's Achievements

- Educating Oregonians (= Access)
- Enhancing diversity (= Access + Success)
- Graduating students (= Access + Success)
- Graduates' accomplishments (= Success)
- Academic reputation (= Quality)



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# Chancellor's Office Assessment of Oregon Tech President

## Improving Trend

|                             |            |             |
|-----------------------------|------------|-------------|
| Total Enrollment            | 3,927      | +402        |
| New Undergrad Enrollment    | 857        | + 70        |
| Campus Retention            | 70.9%      | +2.2 points |
| System Retention            | 76.7%      | +4.7 points |
| New Transfer Retention      | 78.2%      | +1.0 points |
| Campus Graduation Rate      | 41.0%      | +0.4 points |
| Student Diversity           | 14.4%      | +1.3 points |
| Sponsored Research          | \$5.5 mil. | +\$0.7 mil. |
| Faculty Salary and Benefits | 97.9%      | +3.9 points |
| Women in Engineering        | 114        | +22         |
| Degrees Awarded             | 495        | +57         |
| Degrees in Shortage Areas   | 186        | +44         |
| Deferred Maintenance        | \$25.24    | \$(7.41)    |



# Chancellor's Office Assessment of Oregon Tech President

## Declining Trend

|                         |             |                       |
|-------------------------|-------------|-----------------------|
| System Graduation Rate  | 49.1%       | (1.5) points          |
| Foundation Assets       | \$15.6 mil. | \$(4.7) mil.          |
| Student:Faculty Ratio   | 20.1        | +1.1 students/faculty |
| Faculty/Staff Diversity | 9.5%        | (0.7) points          |

**Above Target**—Degrees Awarded; Sponsored Research

**Within Target Range**—Graduate Satisfaction; Women in Engineering; New Transfer Retention

**Below Target**—Degrees in Shortage Areas; Campus Retention



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# Chancellor's Office Assessment of Oregon Tech President

## A. 2009-2010 Achievements

1. Enrollment
2. Administrative Hiring
3. Wilsonville Facility
4. Women in Engineering
5. Student Diversity
6. Degrees Awarded
7. Retention

## C. Goals for 2010-11

1. Fund raising
2. Graduation Rate
3. Student Diversity
4. Underrepresented Groups in Engineering and Allied Health

## B. 2009-2010 Concerns

1. Faculty/Staff Diversity
2. Fund Raising
3. Graduation Rate

## D. Issues for 2010-11

1. System Collaboration
2. Graduation Rate
3. Fund raising
4. Faculty/Staff Diversity

# Budgets and Funding Stability (unchanged from 2009 convocation)

- **What is Coming & Why We Need Funding Stability:**
  - Enrollment at OIT will continue to increase
  - The cost of offering high-tech, hands-on programs will continue to increase
  - We need to be able to set our own tuition and use differential tuition to help maintain the high-quality programs that our students and their employers demand
  - A state-wide presence is critical to OIT's success, but adds to the cost of operations
  - The Oregon Tech Foundation endowment needs to be at least \$60M in order to help us weather future economic or tuition downturns
  - OIT friends, alumni, employees, and students will be instrumental in our future fundraising efforts

# Budgets and Funding Stability

## (a synopsis of my first 2 years in Oregon)

- **What is Coming & Why We Need Funding Stability:**
  - State support will decrease in the next biennium
  - “How much?” you ask:

**“Given the information available, we estimate that the general fund revenue forecast will be down between \$200 and \$500 million.**

**We stress that this [is] (sic) a likely outcome and the final numbers could be outside this range.”**

*Memorandum from Tom Potiowsky, State Economist, to Governor Theodore R. Kulongoski, dated August 11, 2010*

# The OUS Proposal to Oregon

- **OUS proposed changes will improve higher education in Oregon**
  - **Access, affordability and student success will be enhanced**
    - Student-paid tuition revenues and interest earnings will be protected and directed towards improving student success and graduation rates
    - Greater control over costs (more than 50% of OUS costs are now outside of its authority)
  - **Accountability will be broadened and refocused through a performance compact with the state**
  - **Chancellor & Board continue to govern System**

# The OUS Proposal to Oregon

- Funding & long-term planning aligned with outcome measures set by System, Legislature, & Governor
- Measures will include
  - Enrollment of Oregon students
  - Affordability
  - Degrees awarded
  - Employment of graduates
  - Funded research
  - Workforce enhancement
  - Others?
- Option of allowing individual campuses to also have institutional boards granted at Board's discretion



# Themes & Guiding Principles (i.e., What Distinguishes OIT from ~4000 Other Higher Education Entities?)

- Small class size & hands-on instruction
- Academic rigor
- Core understanding of why and how (i.e., Educating as opposed to training)
- Employable graduates AND graduates ready for advanced education
- Real-world, problem-solving applications

*From 2009 convocation address*

# Oregon Tech's Strategic Themes (2017)

**A. OIT will be nationally recognized for the quality of its academic programs and will deliver programs throughout the state to improve educational access for Oregonians and to increase the competitive strength of the state and its industries.**

**B. OIT will deliver graduate programs in areas of excellence in manufacturing, engineering, technology, sustainability, renewable energy, health and applied science to meet the needs of Oregon's workforce.**

**C. OIT will have a faculty that is engaged in globally competitive applied research in areas that support Oregon's market advantage.**

**D. OIT will have long-term fiscal viability and a broad base of funding.**

**E. OIT will be in the forefront of the higher education sustainability movement in the areas of campus operations, academics and community involvement.**



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# Oregon Tech's Overarching Strategic Themes

(summary from executive staff retreat)

- **Rigorous, Relevant, Hands-on Applied Degree Programs**
- **An Environment of Student, Alumni, & Employee Engagement and Success**
- **Cultural and Environmental Foci**
- **Integrity, Accountability, and Shared Responsibility**
- **Global and National High-tech Professions**
- **Life-long Learning and Community Engagement**
- **Culture of Service and Volunteerism**



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# Oregon Tech's Overarching Strategic Themes

(summary from executive staff retreat)

- **Need to revise & update Oregon Tech's Strategic Plan**
- **My philosophy of a Strategic Plan for Oregon Tech**
  - We need to introduce new programs, expand for increasing student enrollment, and avoid entrenchment
  - Oregon Tech's Strategic Plan should guide our facilities master-planning rather than the converse
  - Oregon Tech's Strategic Plan should be a living document versus yet another shelf weight
  - The most important aspect of Oregon Tech's new Strategic Plan is that it must include input from staff, faculty, students, alumni, community members, & other friends of the university

# Oregon Tech's New Strategic Plan: Opportunity Initiative Triumph (why we need to do this now)

- **An Oregon Tech Strategic Plan is especially critical now because it will help us set our own path**
  - **For continued growth and expansion of programs, even during the next few years of continued decline in state support**
  - **To set the stage for Oregon Tech to emerge from the current economic downturn with a clear direction**
  - **With the assumption that some aspect of the OUS proposal for operational flexibility will be adopted**
  - **For consolidation and expansion in Wilsonville (i.e., on the south side of the Portland metropolitan area)**
  - **During the next decade of changing student needs and demographics**

# Thank You One and All -- Again

- **For your shared dedication and work ethic**
- **For your sacrifices in doing more work for less pay**
- **For the teamwork and respect that you show for each other during these trying times**
- **For your focus on our primary responsibility at OIT – educating our students and preparing them to become the leaders of tomorrow**
- **For allowing me the opportunity to work with the greatest group of people I could have imagined**



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# Questions? Comments? Points of Discussion or Clarification?



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