

## **Oregon's Polytechnic University**

## Industry's University in Wilsonville: Local University with Global Impact

#### Nagi G. Naganathan, Ph.D., ASME Fellow President

**Celebrating 75 years of Applied Learning** 

Wilsonville City Council

May 1, 2023



**Oregon Institute of Technology** 

# Oregon's Polytechnic University



Oregon's only polytechnic university

#### STEM-H academic focus



Personal, hands-on learning environment: applied undergraduate & graduate programs

9

Strong presence in both rural and suburban Oregon



Meeting Oregon's workforce needs for highdemand occupations



Graduates earn high starting salaries and jobs with real impact



## **Graduate Success Rates Lead the State**

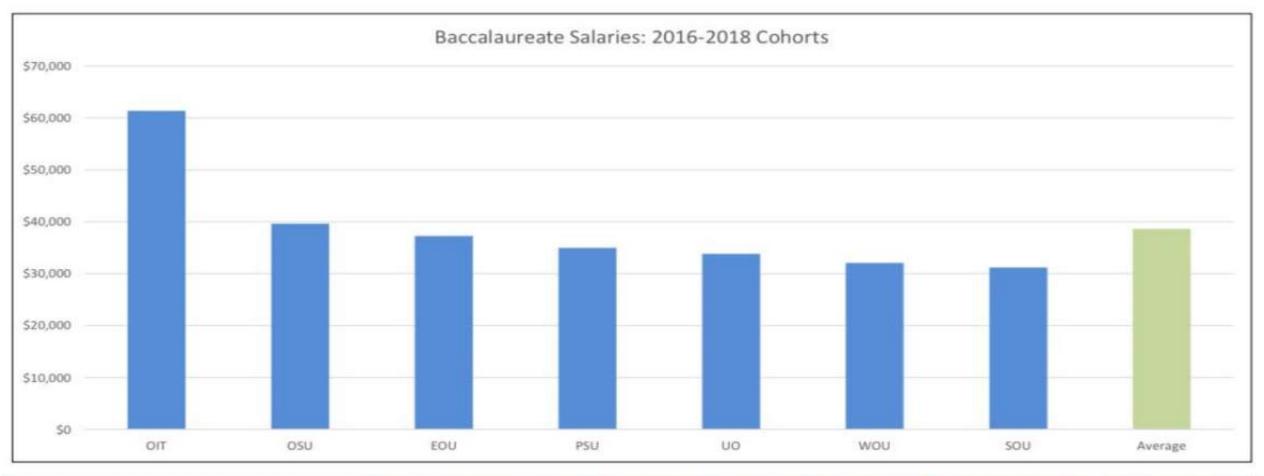


| <b>Georgetown</b><br><b>University</b><br><b>Ranking (2022)</b> | National                      | <ul> <li>Top 3% of 4,500 univer<br/>&amp; colleges in the nation<br/>long-term return on<br/>investment</li> </ul>                    |             |  |  |
|---|-------------------------------|---|-------------|--|--|
| <b>#1</b> in Oregon   | Oregon                        | <ul> <li>Top university among<br/>Oregon's public &amp; private 4-<br/>year colleges &amp; universities<br/>in 30 Year NPV</li> </ul> |             |  |  |
| GEORGETOWS UNIVERSITY<br>Center<br>on Education                 | 30-Yr Net<br>Present<br>Value | University<br>Oregon Tech   | Rank<br>160 |  |  |
| and the Workforce   | value                         | Oregon State<br>(Cascades)<br>Oregon State  | 471<br>532  |  |  |
|   |                               | Univ of Oregon<br>Portland State  | 668<br>715  |  |  |

## **Median Annual Earning: 1 Year After Graduation**

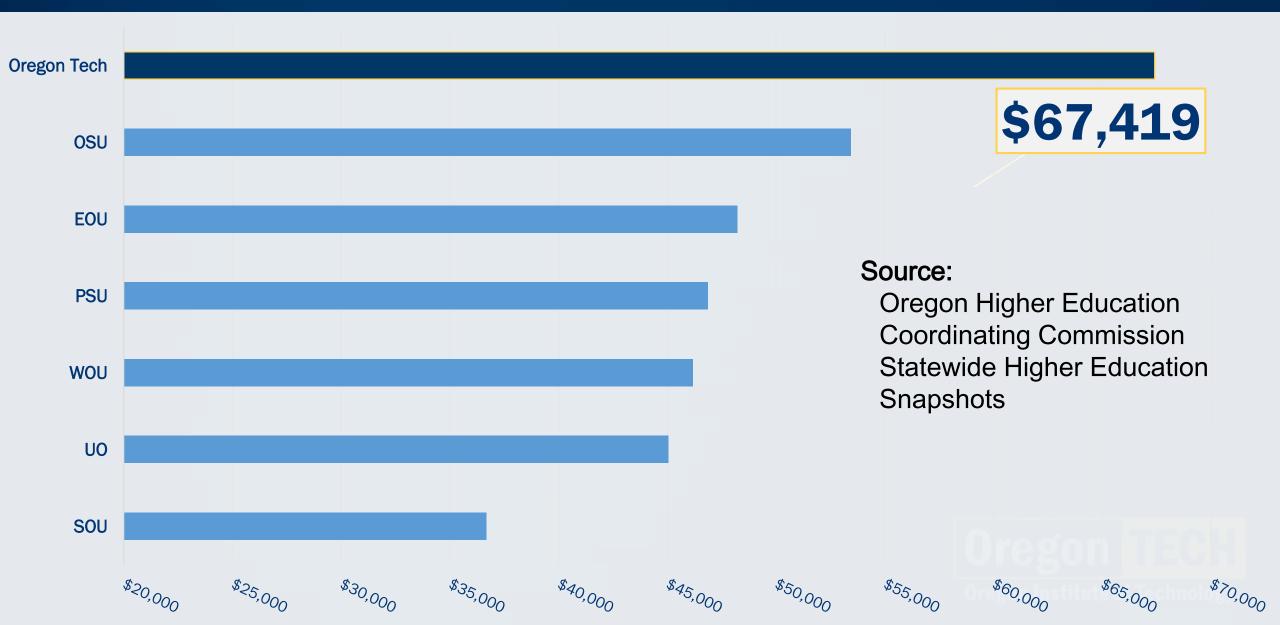
Data Source: United States Census Bureau Post-Secondary Employment Outcomes

Criteria: 2016-18 Baccalaureate cohorts, 1 year Postgrad - 50 percentile



|   | OIT      | OSU      | EOU      | PSU      | UO       | WOU      | SOU      | Average  |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Baccalaureate Salaries: 2016-2018 Cohorts | \$61,381 | \$39,620 | \$37,244 | \$34,965 | \$33,819 | \$32,064 | \$31,179 | \$38,610 |

#### **Median Annual Earning: 5 Years After Graduation**



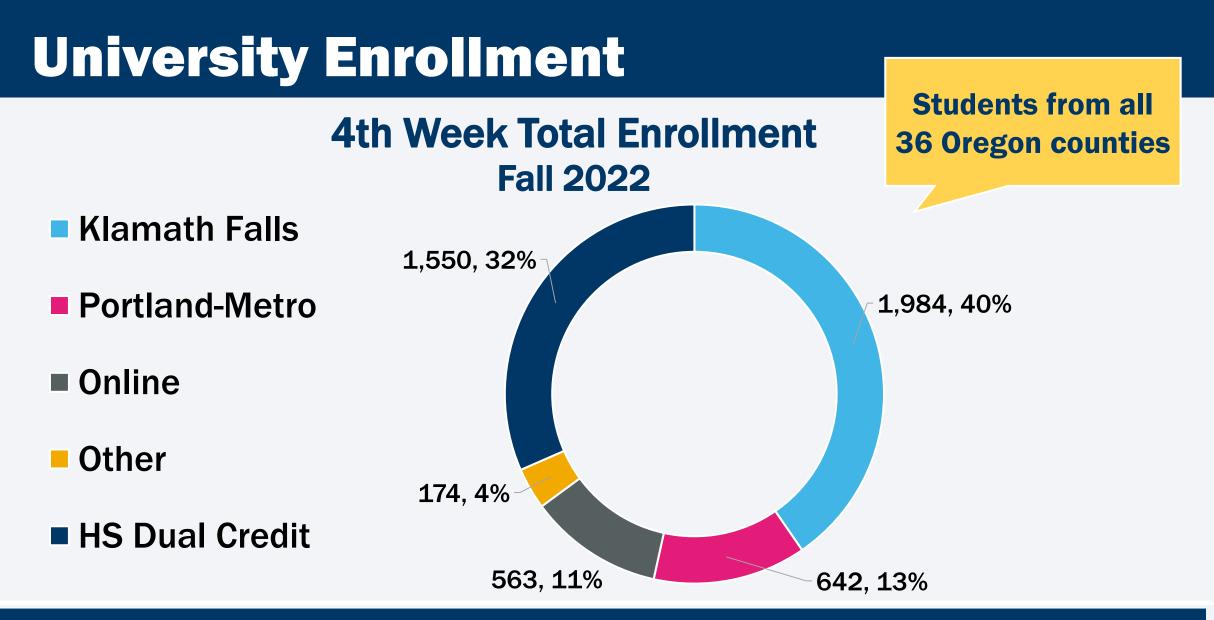
# **Growing Footprint in Oregon & Region**

Seattle 5 DOOSE Portland Salem 🛧 97 Eugene 84 58 OREGON 5 Ashland **Klamath Falls** 140

Oregon Tech offers degree programs at locations throughout Oregon (and beyond) to meet the needs of students seeking a top quality, hands-on education.



**Oregon Institute of Technology** 



#### **27% †** New First-Time Freshmen over the last 5 years

# Fall 2022 Enrollment

| DEPARTMENT   | Portland-Metro | OTHER CAMPUSES & SITES |
|--|----------------|------------------------|
| Electrical & Renewable Energy Eng.                     | 124            | 106                    |
| Computer Systems Eng. Technology                       | 123            | 193                    |
| Business Management                                    | 117            | 338                    |
| Manufacturing & Mechanical Eng.                        | 96             | 351                    |
| Medical Laboratory Science                             | 90             | 7                      |
| Emergency Medical Services                             | 52             | -                      |
| Other Areas  | 40             | 1,726                  |
| SUBTOTAL   | 642            | 2,721                  |
| High School Dual Credit                                |                |                        |
| (Clackamas, Washington,<br>Marion, Multnomah, Yamhill) | 982            |                        |
| Other Counties   |                | 568                    |
| TOTAL  | 1,624          | 3,289                  |

## **Academic Programs in Wilsonville**

**17** programs offered in Wilsonville and Canyon Creek

APPLIED SCIENCES AND COMMUNICATION

> Applied Behavior Analysis

Applied Psychology

BUSINESS AND TECHNOLOGY Business Cybersecurity Health Informatics Health Care Management

Information Technology

Operations Management Technology and Management

**C**OMPUTERS, **ENGINEERING**, AND TECHNOLOGY **Electrical Engineering Electronics Eng Tech** Embedded Sys Eng Tech Engineering Manufacturing Eng Tech Mechanical Engineering Mechanical Eng Tech Renewable Energy Eng Software Eng Tech

HEALTH AND SCIENCE

Emergency Medical Services

Medical Laboratory Science

Paramedic Education Program

# **Oregon Tech Student Achievement**

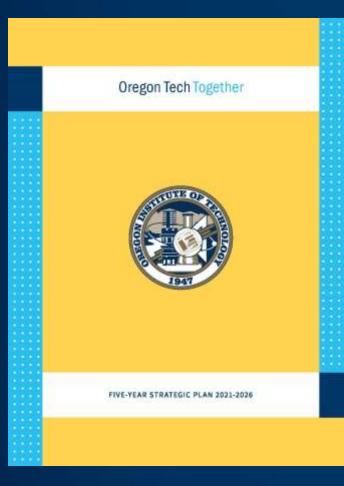
- Oregon Tech-OHSU program graduated 34 students from Oregon's only Medical Lab Science baccalaureate program.
- Oregon Tech software graduate Simeon Florea finds home at DWFritz in Wilsonville.
- Oregon Tech student installs solar panels in typhoon-torn Philippines town.
- Renewable Energy Engineering students at Oregon Tech chosen as regional finalists in Department of Energy competition.



Simeon Florea at the Portland-Metro campus



## 2021-26 Strategic Plan



Oregon Tech will be a student-centered, world-class polytechnic university that inspires students to become tomorrow's leaders



#### **Industry's University**



**Oregon Institute of Technology** 

# Industry's University: A destination for distinctive professionals



## **Faculty Research Spotlight**

#### **Rapid Tooling with Additive Manufacturing**



Applied Research Overview; M. Saber (OIT), August 2021



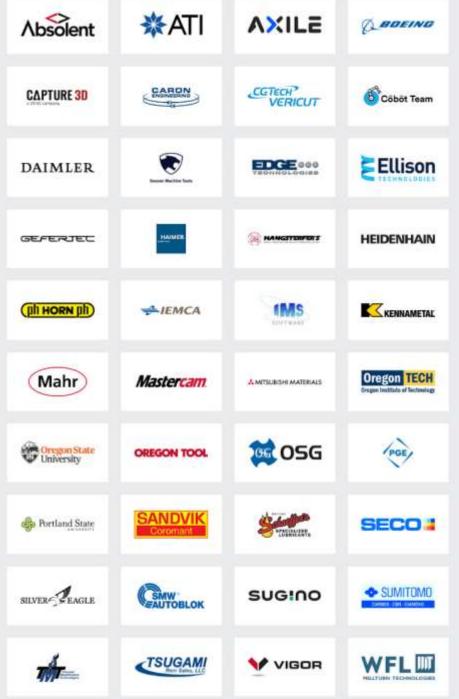
#### Oregon Manufacturing Innovation Center R&D (OMIC R&D)



Public/private partnership 41 MEMBERS www.omic.us







#### Student Success Goes Beyond the Classroom

Preparing Students for life – not just for a career.

A visible ecosystem surrounding our students to promote a mindset of success.



# **Opportunities & Challenges in Wilsonville**

- Preferred Majors & Industry Proximity
- Better Access & Awareness
- Student Dilemma →
  - employment opportunities vs. continuing education
- Capital Projects & Affordable Housing
- Community Engagement & Ambassadorship





#### We are Oregon's Polytechnic University

#### **Questions, Collaboration, Tours**

Come visit us!

For more information please contact:

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