Center of Excellence in Applied Computing

Oregon Institute of Technology

Enhancing Innovation, Education, and Economic Growth

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Introduction

What is the Center of Excellence in Applied Computing?

Oregon Institute of Technology Programs that will Benefit

Benefits to Oregon Institute of Technology

State-level impact

State-level partners

What is the Center of Excellence in Applied Computing?

A world-leading hub for applying advanced computing
technologies to solve real-world problems
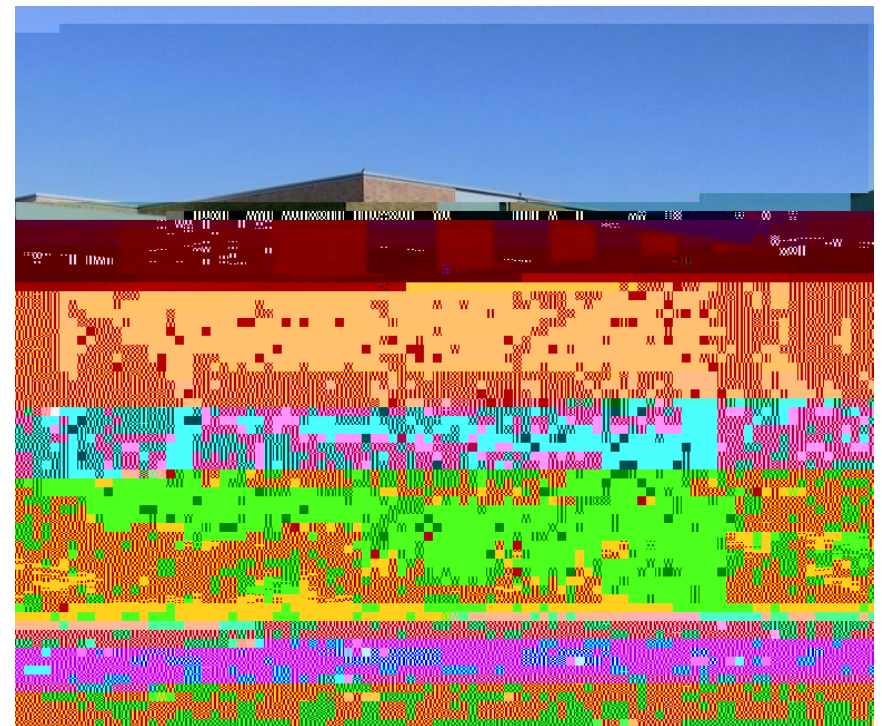
OIT Programs that Will Benefit

Geomatics Program

Foundation for the Applied Computing Department

Collaborating Departments

Computer Systems Engineering Technology
Electrical Engineering and Renewable Energy
Manufacturing and Mechanical Engineering and
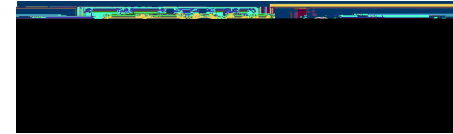Technology
Mathematics
Natural Sciences

Supporting Programs

Cybersecurity, Information Technology, Data Science
Business Management, Mathematics, Health Science

Benefits to Oregon Tech
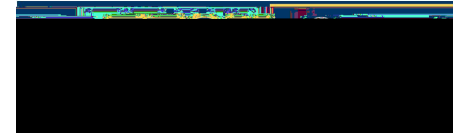
Enhancement of Educational Offerings

State-Level Impact

Economic Growth and Job Creation

Driving economic growth in critical sectors
Creating quality jobs in semiconductors, advanced
manufacturing, and renewable energy
Upskilling the Workforce

Enhancing Regional Competitiveness

Fostering inclusive innovation
Ensuring equitable access to advanced tools and technologies

State-Level Partners

Link Oregon

Technology Association of Oregon (TAO)

Oregon Manufacturing Innovation Center (OMIC)

Oregon Nanoscience and Microtechnologies Institute (ONAMI)

Oregon Translational Research and Development Institute (OTRADI)

Pendleton Unmanned Aerial Systems (PUR)

Oregon Semiconductor Center of Innovation Excellence (OSCIE)
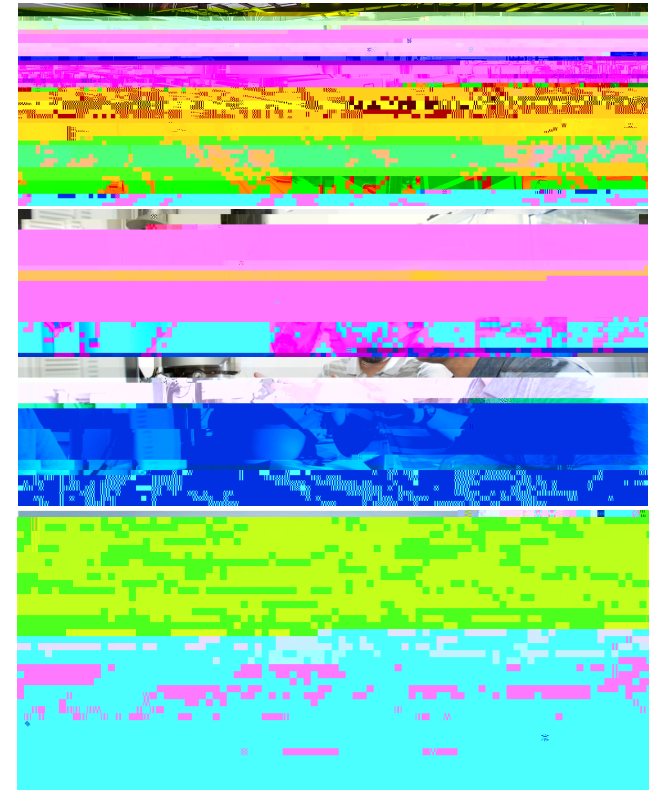
Oregon Bioscience Incubator (OBI)

Pacific Northwest National Laboratory (PNNL)

Higher Education Council Commission (HECC)

Hatfield School of Government

Business Oregon

Governor's Office State of Oregon

Strategic Goals

Developing a Skilled Workforce

Training students and professionals in advanced computing technologies

Fostering Innovation and Research

Encouraging interdisciplinary research and development

Building an Inclusive Innovation Ecosystem

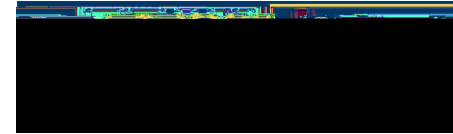Ensuring broad access to technological tools and education

Grant Opportunities

Action Items

1. Develop significant grant capability and submit multiple grants.

2. Build Partnerships working with TAO and Business Oregon

3. Establish a Physical Center for Faculty and Students

4. Propose a program of micro credentials stackable into a Graduate Program

5. Hire Key Staff (Director)

Q&A