



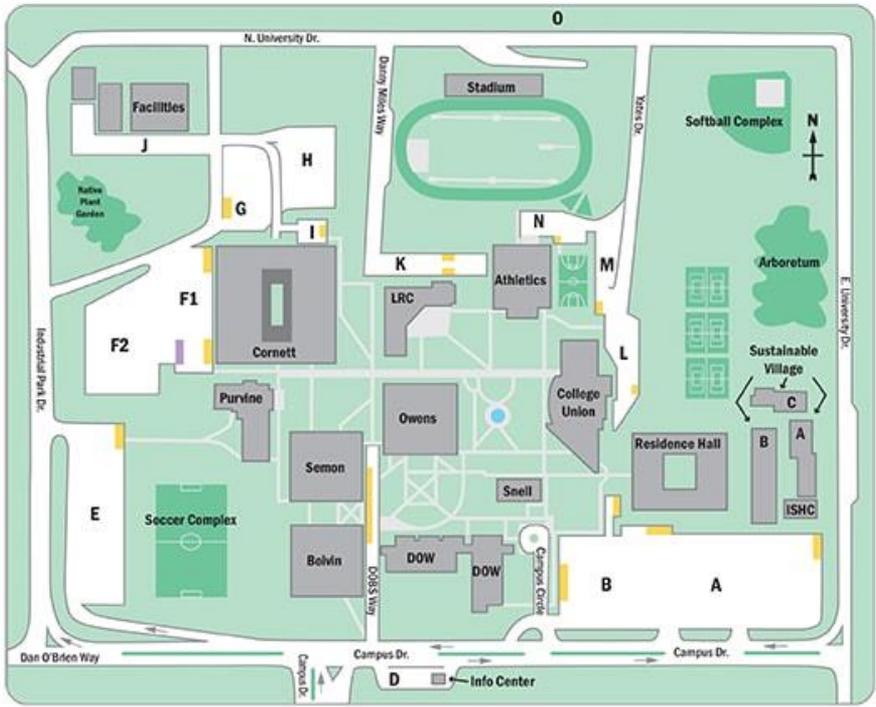
SCHEDULE OF EVENTS

Student Projects

Friday, May 20 | 11 a.m.- 2 p.m.

Faculty Research & Projects

Thursday, May 19 | 2 p.m.- 7 p.m.



Important Information

Life-Threatening Emergency

In case of a life-threatening emergency, call 911.

See Something, Say Something

If you see something suspicious or unusual, say something! Contact Campus Safety at 541-885-1111. Please have location information when calling.

Tobacco-Free & Smoke-Free Campus

Oregon Tech policy prohibits the use of tobacco products on campus.

Animals on Campus

No animals are allowed on campus, except trained service animals. For your pet's safety, please leave them at home and not in vehicles.

Restrooms

Restrooms are available in each building.

Social Media

Please use #OregonTech in your posts so everyone can enjoy any photos you take.

Thursday, May 19

Faculty & Staff Research Symposium

College Union

Lightning Talks: Impact of Open Educational Resources at Oregon Tech

Mt. McLoughlin, College Union

2:00-2:55

Explore the impact of Open Education Resources (OER) with Oregon Tech faculty who have incorporated open practices in their courses. Open educational practices have been shown to improve student engagement, help address retention issues, and create a better sense of inclusion. This panel will consist of lightning talks by faculty, followed by an open forum for discussion and questions.

University Research Committee Informational Panel Discussion

Mt. Mazama, College Union

3:00-3:55

Hear about research at Oregon Tech. This panel discussion will include brief descriptions of research-related topics such as institutional review boards, sponsored projects, grant recipients, and interdisciplinary research.

Faculty & Staff Research Presentation Sessions

Mt. Mazama and Mt. McLoughlin, College Union

4:00-5:20

Learn about research being conducted at Oregon Tech by faculty and staff. There will be two simultaneous sessions, with each session having four to five presentations.

Faculty & Staff Poster Session and Reception

Mt. Scott, College Union

5:30-7:00

View research posters and presentations and participate in the symposium reception. Refreshments will be provided while you interact with colleagues and learn about research being conducted at Oregon Tech.

Friday, May 20

Student Project IdeaFest

CEET

Building Business and IT Solutions: Senior Projects Showcase

2nd Floor, Center for Excellence in Engineering & Technology

11:00-12:30 Building a Brand, Start-Up, Process Improvement, IT Innovation, and Healthcare Solutions; Come see the Business and Technology senior projects. Sponsored by Business Management.

Catalyze Klamath

2nd Floor, Center for Excellence in Engineering & Technology

11:00-2:00 Be inspired by Oregon Tech's aspiring innovators and entrepreneurs. Learn about some of the products and services this year's Catalyze Klamath competitors presented. Sponsored by Catalyze Klamath.

Geomatics Arboretum Project

2nd Floor, Center for Excellence in Engineering & Technology

11:00-11:30 The Klamath County Arboretum was established on Oregon Tech's campus in 1998 to provide a unique opportunity for visitors to learn about the variety of trees and shrubs in the region. This year, Geomatics students developed a 3D experience for the arboretum. Sponsored by Geomatics.

Natural Sciences

2nd Floor, Center for Excellence in Engineering & Technology

12:30-2:00 Students in Natural Sciences programs have been conducting research ranging from the atomic to the atmospheric scale. Come learn about their discoveries. Sponsored by Natural Sciences.

Humanities and Social Sciences

2nd Floor, Center for Excellence in Engineering & Technology

12:30-2:00 See how the Humanities and Social Sciences department showcases Oregon Tech's polytechnic paradigm to build mission-centric and cutting-edge programs. Learn about our innovative and diverse offerings of general education courses, undergraduate and graduate programs, and opportunities for applied experiences. Sponsored by Humanities and Social Sciences.

Student Makerspace

2nd Floor, Center for Excellence in Engineering & Technology

11:00-2:00 Visit the student-run Makerspace. Learn about projects you can explore and how to make them yourself. Sponsored by the Student Makerspace.

Admissions

2nd Floor, Center for Excellence in Engineering & Technology

11:00-2:00 Meet with Oregon Tech's admissions counselors and turn in your Passport Game for Oregon Tech SWAG!!! Sponsored by Admissions.

Purvine Hall

Computer – Embedded – Software Engineering Technology Junior and Senior Projects

Purvine Hall, Lower Lobby

11:00-2:00 Discover the wide variety of projects developed by students in the Computer Systems Engineering Technology (CSET) department. Sponsored by Computer Systems Engineering Technology.

Electrical Engineering and Renewable Energy Engineering Senior Projects

Purvine Hall, Main Lobby

11:00-2:00 See our students' multidisciplinary achievements in senior projects addressing energy and environmental issues and innovative power electronics and electronics. Sponsored by Electrical Engineering and Renewable Energy Engineering.

Cornett Hall

Baja & Formula Cars

Cornett Hall

11:00-2:00 The Oregon Tech Baja & Formula Cars will be on display. Sponsored by Manufacturing, Mechanical Engineering, and Technology (MMET).

American Society of Civil Engineers (ASCE) Steel Bridge Team

Cornett Hall, Civil Engineering Student Project Lab (Room 124 and South Foyer)

1:00-2:00 Members of the team will have this year's and last year's steel bridges on display. Sponsored by Civil Engineering.

Civil Engineering Design Projects

Cornett Hall, Brian Leach Design Resources Center (Room 146)

1:00-2:00 Join our graduating seniors to review their design binders and plans. Sponsored by Civil Engineering.

This year's design projects include:

- Klamath Union High School Pedestrian Bridge
- Ivory Pine Road Bridge Replacement
- Klamath County Drainage Improvements
- Summers Lane Extension to Foothills Boulevard

Engineering Design Challenge: Manufacturing a World that Creates Change

Cornett Hall

11:00-2:00 See Mechanical and Manufacturing engineering student projects, where they have incubated their imaginations. Feel free to explore annual projects, student competition projects, club activities and ideas. Discover what happens when students sharpen their dreams. Sponsored by Manufacturing, Mechanical Engineering, and Technology (MMET).

Rover Sub (Amphibious; Submarine plus Rover): Making new strides and waves through wondrous traversal of water, land, and ice!

Cornett Hall (Room CO115)

11:00-2:00 The Oregon Tech's Rover Sub team, consisting of MMET Sr. project team and AUVSIR (Autonomous Unmanned Vehicles and Intelligent Robotics) club, will showcase a new amphibious vehicle (Rover Sub) that will be used for the 2022 RoboSub Competition. The team will also have the award-

winning 2018 design on display. Sponsored by OIT RBC, Dean, and Oregon NASA SGC.

Tactical Robot

Cornett Hall (Room CO115)

11:00-2:00

Oregon Tech's tactical robot senior project team will showcase a remote-controlled robot they designed using new mechanical and electrical systems with thermal two-way communication abilities for the Klamath Falls Police Department. This project was sponsored by the KFPD.

Drones for Environmental Applications: World (including KF) without Mosquitos out of Stagnant Water

Cornett Hall (Room CO115)

11:00-2:00

The Oregon Tech's UAV Environmental Application team will showcase Drones' Vector Control (mosquitos for Malaria, grasshoppers for food and human being, etc.) which was designed and created with a unique pump and boom systems for Micromiser in collaboration with Vector Ecologists at Three Rivers Mosquitos and VC company.



Get Your
GEAR



The
TECH NEST

Located on the first floor
of the College Union.