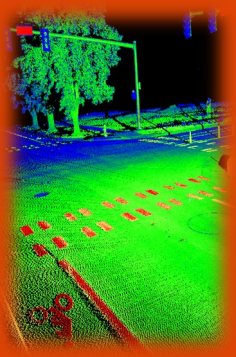
GEOMATICS WORKSHOP SERIES

School of Civil and Construction Engineering



Reality Capture Workshop



The Geomatics group at Oregon State University is excited to announce that registration for their Reality Capture workshop has opened. For more details about the workshop, and a link to the registration portal, please scan the QR code or visit https://gcapgeospatial.org/events/

Event Details:

Date: September 10-11, 2026

Location: Owen Hall, Room 110
Oregon State University

Address: 1501 SW Campus Way,
Corvallis, OR 97331

What to Expect:

Fundamentals of lidar systems: Learn how laser scanners operate, the capabilities and limitations of different platforms, and how this technology can support a diverse range of interesting applications.

How to plan and execute lidar surveys: Gain hands on experience planning and conducting a field exercise to collect laser scan data and associated survey control.

Registration and Georeferencing: Register multiple scans together with appropriate links to survey control to tie data to the National Spatial Reference System.

Data Quality control: Explore how error sources impact data, how to apply the ASPRS geospatial data standards, and how to identify common issues with data.

Modeling and analysis: Learn how to extract measurements, perform ground filtering, generate digital terrain models, and create contour maps from point cloud data.

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*Please note that **this workshop has a maximum enrollment of 50 participants and is filled on a first come first serve basis. Register TODAY! If you have any questions,** feel free to contact Brett Murphy at brett.murphy@oregonstate.edu.*