



HAWAI'I COMMUNITY COLLEGE

GEOSPACIAL REMOTE SENSING HAWAI'I (GRS HI)

This program involves the hands-on application of technical expertise to engineering tasks in a wide range of industries. From building our nation's infrastructure to making our transportation and energy systems more efficient, wherever scientists and engineers are found, so are engineering technicians and technologists. Engineering techs may assist with setting up equipment, conducting experiments, and collecting data, or involved in the design and development end of the process, using computer-aided design and drafting (CADD) equipment. Students will also gain knowledge in data gathering methodologies including remote sensing systems, optics and GIS technology.

Program Learning Outcomes

Students are prepared to:

- Apply hands-on skills to support engineering tasks across various industries.
- Use CADD tools for engineering design and development.
- Collect and analyze data using advanced methods like remote sensing and optics.
- Utilize GIS and remote sensing technology in engineering solutions.

Potential Career Opportunities

- Civil Defense and Disaster Response Specialist
- Agricultural Drone Specialist
- Construction and Land Surveyor
- Environmental Conservationist

For more information visit:
hawaii.hawaii.edu/engt

