

Add on to your Degree!

Concentrations for CET (optional)

Construction Technology
Transportation Technology
Water/Wastewater Technology
Renewable Energy Technologies (RET)

ETSE Minors

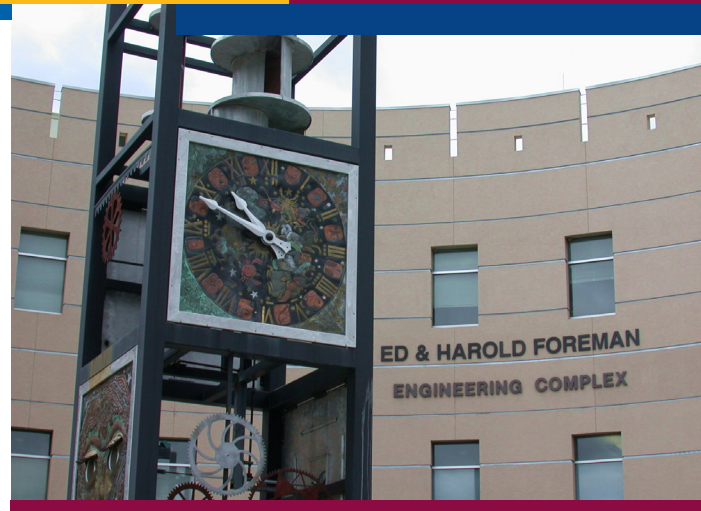
Digital Electronic Applications
Information Technologies
Manufacturing
Renewable Energy Technologies (RET)
Security Technology
Surveying Engineering



Concrete Canoe

The Civil Engineering Technology program is accredited by the Technology Accreditation Commission (TAC) of ABET Inc., 111 Market Place, Suite 1050, Baltimore, MD21202-4012, telephone: (410) 347-7700.

www.abet.org



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College of Engineering

Live, Learn and Thrive.™

Department of Engineering Technology
and Surveying Engineering

Civil Engineering Technology



What is CET?

Civil Engineering Technology utilizes the application of engineering fundamentals and basic mathematics to implement current civil engineering practices in design, construction, and project management.



Project Design & Management

Why CET?

The demand for new, improved transportation systems, housing, schools, water and wastewater facilities, utilities, agricultural methods, and commercial facilities due to the expanding population should provide challenging careers using new materials, new design criteria, and new construction methods to meet these demands.

What do CET Students Do?

CET students learn to implement current civil engineering practices in design, construction, and project management. They may assist with design and/or supervise the construction of roads, buildings, airports, dams, bridges; and water supply and sewage systems.

They take courses in properties of construction materials, blueprint reading, surveying, applied structural design, highway technology, land development, and hydraulics. Our Civil Engineering Technology students also learn by designing and racing concrete canoes, designing and constructing rocket launch pads, competing in a national bidding competition every year in Reno NV, and building bridges in other countries!



Solar Distillation

Where do CETs Work?

Civil engineering technologists, graduates of four-year baccalaureate programs, are a distinct type of professional whose interests and education have become focused on both current practice and technical innovations in civil engineering.



Engineers Without Borders

As a result they are found in design firms using steel, reinforced concrete, soil, and timber for design of buildings, transportation systems, water and wastewater systems, manufacturing facilities, utilities, and housing. They also work for contractors and construction companies in the areas of estimating, scheduling, and project management. Positions are available in laboratory and testing firms as inspectors and soil technologists.