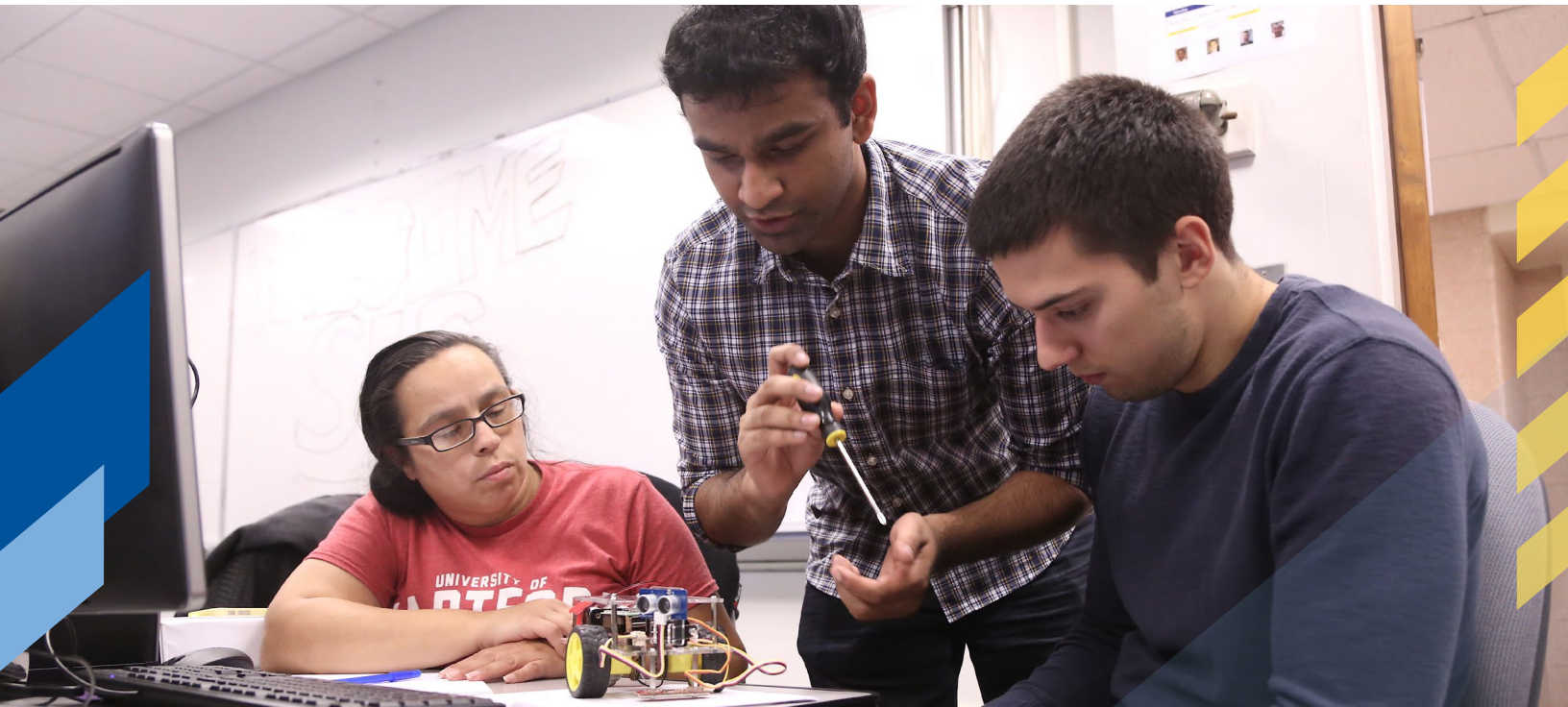


COMPUTER SCIENCE- HONORS

Bachelor of Science



Central to Fostering Technical Innovation.

Central's BS in Computer Science- Honors prepares students for a wide variety of exciting careers. Students earn a broad range of critical skills in software development, computer security, networking, databases, artificial intelligence, and many more.

The Computer Science- Honors major is accredited by the Computing Accreditation Commission of ABET. Accredited programs must meet or exceed standards for faculty, curriculum, laboratory and computing resources, students, and institutional support.

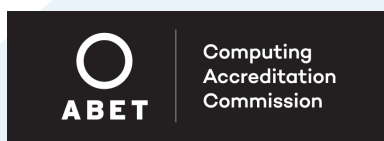
Program Options

General: Students acquire deep technical, computer science skills and work with their advisor to select courses that can set the stage for graduate study or employment in any technical or professional area.

Concentrations options: Concentrations in Cybersecurity, Software Engineering, or Artificial Intelligence, allow students to showcase their advanced expertise in these fields on their resumes, enhancing their appeal to prospective employers.

Program Features

- 110-credit program
- Attend full- or part-time
- Classes on-campus
- Experience working with industry or non-profits through our Software Engineering Studio
- Small class sizes
- ABET accredited Computer Science program
- Dedicated, diverse faculty who are experts in their field
- Internship opportunities available
- Financial aid and scholarships available
- Free on-campus child care



The Computer Science- Honors program is accredited by the Computing Accreditation Commission (CAC) of ABET.



Career Preparation

The program prepares students to work in a variety of settings including software engineering, cybersecurity, web and cloud systems, artificial intelligence, robotics, and computational modeling.

They are well suited for exciting positions such as, software developer, web developer, software engineer, database administrator, security analyst, and data scientist.

Frequently, graduates leave campus with employment offers from leading companies including AETNA, United Technologies, Cigna, and Travelers.



DID YOU KNOW?

According to the U.S. Bureau of Labor Statistics, the job outlook for 2021- 2031 is a 25% increase for software developers, with a median salary of \$109k and 35% increase for information security analysts, with a median salary of \$102k.

Source: bls.gov

Clubs

The **Computer Science Club** furthers students' knowledge and provides opportunities for students to gain real world experience in computer-related fields. Sponsors discussions, hack-a-thons, presentations, hours of code, and other activities.

The **Cybersecurity Club** promotes students knowledge and experience in cybersecurity and technology. Encourages teamwork, leadership, and networking.

Senior Project

Over the course of two semesters, all students complete a capstone sequence of Software Engineering and a Senior Project. Each student works in an AGILE team with corporate and non-profit customers applying computer science and software engineering skills learned during their studies as part of our Software Engineering Studio.

The teams carry the project from inception through the software development life cycle to deployment. A typical result is a prototype of, or a fully functional software system ready for use by the customer.



PROGRAM WEBSITE

ABOUT CENTRAL:

Central Connecticut State University is the largest university within the Connecticut State Colleges and Universities system. Founded in 1849, Central is also the state's oldest publicly funded university. Our campus is located in New Britain, Connecticut. Central is accredited by the New England Commission of Higher Education (NECHE).

