



Earn your CIS degree at Chemeketa

**Chemeketa Community College** is a regional leader in cybersecurity education located in beautiful Salem, Oregon. It is the mission of Chemeketa Community College to help increase the security of our communities and country by preparing students to readily take on the challenges of being a cybersecurity professional.

While working through their education, Chemeketa students have the opportunity not only to earn a degree, but to earn multiple IT certifications through their coursework and to build real-world work experience through Chemeketa's cooperative work experience program. During the typical Chemeketa cybersecurity student's first year of education, they become familiarized with the foundational skills and concepts necessary to become a successful cybersecurity practitioner.

In this initial year, students undertake classes in digital literacy, personal cybersecurity, programming, operating systems, computer hardware, and networking. During this time, students can earn their EC-Council Certified Secure Computer User certification, CompTIA A+ certification, and entry-level networking certifications. As students move into their second year of education, they will begin to narrow their focus on cybersecurity and begin thinking about their future careers as they take classes relating to data security, computer forensics, and ethical hacking and work towards EC-Council cybersecurity certifications such as Certified Ethical Hacker and Certified Hacking Forensics Investigator.

During this time, the foundational knowledge from their first year is continued to be built upon as students refine their understanding of IT concepts in the context of cybersecurity while studying server management, database management, and computer architecture.

Finally, a cybersecurity student's final term includes a class specifically designed to reinforce all of the concepts taught during their program and to prepare them for the CompTIA Security+ certification exam. Chemeketa's community involvement has created connections with local employers that provide students with myriad internship opportunities.

## DESIGNATIONS

- CAE-Cyber Defense

## CONTACT INFORMATION

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