ICT - Information Support and Services

CHICO HIGH SCHOOL
2019—2020

Cybersecurity and Computer Engineering Path

Course Descriptions

**Computer Engineering**
Students will learn the science and technology of design, construction, implementation, and maintenance of software and hardware components of modern computing systems and computer-controlled equipment. The Student will test for a Certification as a PC PRO. The Certification is from TEST OUT, a CompTIA Approved Quality Content. The course is articulated with Butte College as CSIC 49

**Cybersecurity**
**Prerequisite:** Computer Engineering
Students will learn the science and technology of design, construction, implementation, and maintenance of software and hardware components of modern computing systems and computer-controlled equipment. The Student will test for a Certification as a PC PRO. The Certification is from TEST OUT, a CompTIA Approved Quality Content. The course is articulated with Butte College as CSIC 49

**Internship**
*Optional Certifications: Computer Repair, Computer Networking, Computer Security, and Networking and Security Industry Certification*

**Prerequisite:** Satisfactory completion or concurrent enrollment in cybersecurity or instructor permission.
This class provides students with the opportunity to apply their training in an IT internship with the Chico Unified School District. Student IT support activities will include installing hardware and software systems, maintaining or repairing equipment, troubleshooting a variety of computer issues, setting up computer security measures, configuring computer networks and offering technical support on-site or via phone or email. Students can also intern with a local business.

Note: These templates are designed to help guide students. The order of some classes may vary and individual variation can be applied.