Course Descriptions

**Software Engineering and Programming:**
Students learn the basics of **programming** using flow charts and story boarding. Students learn using programs such as Python, C# and Unity. Students are also introduced to **3D modeling** using Blender. This course is designed to introduce students to the many careers in the programming field. The course is articulated with Butte College as CSCI 4, Intro to Programming.

**Robotics:**
Students will **design and build a mobile robot to play a sport-like game.** During this process they will learn key STEAM principles, and robotic concepts, including programming, and drone theory & design. Students are prepared for employment in fields related to and including robotics, engineering, automation, manufacturing, electronics, and computer science. Students at the end of the course can **test for certification as a FAA-recognized Drone Pilot.**