



Interested in Technology?

This dual-credit course provides current high school students with an introduction to careers and basic skills in Computer Science, Electronic and Computer Engineering Technology, Civil Engineering Technology, and Mechanical Engineering Technology. Students will complete a hands-on project in each of the 4 areas as they explore potential career and post-secondary options within the 4 technology areas.

Upon successful completion of this course you will be able to:

1. Identify careers in the 4 technology fields (Civil, Mechanical, Electronics and Computer Science).
2. **Civil** – Identify various civil engineering projects and the role that civil engineering plays in each, apply civil engineering methods and calculations to a simple design and civil engineering project.
3. **Mechanical** – demonstrate simple 3D CAD modeling skills, basic shop skills and safety techniques, and identify the design elements associated with the completion of a small mechanical engineering project.
4. **Electronics** – create a simple electronics circuit, describe simple micro-controller programming concepts, and list the elements of and build a small electronics project.
5. **Computer Science** – use a programming language to examine the fundamentals of software design and development.

Course Details

- ❖ Structure: 3 hours per week for 12 weeks - 9 hours per Technology area
- ❖ Start: September OR February
- ❖ Time: Fridays - 3:00 pm – 6:00 pm
- ❖ Location: Interurban Campus – Technology Building
- ❖ Prerequisites: None
- ❖ Costs: Students are responsible for paying the application fee of \$41.00

For more information, or to apply, see your Career Teacher/Coordinator