

OPPORTUNITIES FOR ALL IN THE TECHNOLOGY AND ENGINEERING EDUCATION DEPARTMENT

The Technology and Engineering Education department offers courses in several distinct pathways for students. Each of these pathways provides a comprehensive, hands-on, project-based curriculum that is aligned with post-secondary and industry standards.

The courses offered in the 2019-20 school year are as follows:

Manufacturing

- Woods Materials and Processes (Gr. 9-12, .5 Credit, Spring)
- Metals Materials and Processes (Gr. 9-12, .5 Credit, Fall)
- Introduction to CAD/CAM (Gr. 9-12, .5 Credit, Fall)
- Autodesk Inventor (Gr. 10-12, .5 Credit, Spring)
- Introduction to Welding (Gr. 10-12, .5 Credit, Fall, *NTC Dual Credit*)
- Carpentry and Residential Construction (Gr. 10-12, .5 Credit, Fall)
- Woods 2 – Fundamentals of Furniture Manufacturing (Gr. 10-12, .5 Credit, Fall, *NTC Dual Credit*)
- Metals 2 - Machine Tool Applications (Gr. 10-12, .5 Credit Spring, *NTC Dual Credit*)
- Advanced Manufacturing/Warrior Manufacturing (Gr. 11-12, 1.0 Credit, Year)

Graphic Communications

- Graphic Communications 1 (Gr. 9-12, .5 Credit, Fall/Spring)
- Graphic Communications 2 (Gr. 9-12, .5 Credit, Spring)
- Graphic Communications 3 (Gr. 11-12, 2.0 Credit, Year, *NTC Dual Credit*)

Engineering (Project Lead the Way)

- Introduction to Engineering Design (Gr. 9-10, 1.0 Credit, Year, *College Credit offered*)
- Principles of Engineering (Gr. 10-12, 1.0 Credit, Year, *College Credit offered*)
- Civil Engineering and Architecture (Gr. 11-12, 1.0 Credit, Year, *College Credit offered*)
- Engineering Design and Development (Gr. 11-12, 1.0 Credit, Year)
- Computer Integrated Manufacturing, Digital Electronics and Computer Science and Software Engineering not offered in 2019-20.

Transportation/Automotive

- Introduction to Power Mechanics (Gr. 9-12, .5 Credit, Spring)
- Auto Awareness (Gr. 10-12, .5 Credit, Fall/Spring, *At Wausau East*)
- Occupational Mechanics 1 (Gr. 11-12, 1.0 Credit, Year, *At Wausau East*)
- Occupational Mechanics 2 (Gr. 11-12, 2.0 Credit, Year, *At Wausau East*)

Questions about the Technology and Engineering Education Department can be directed to Theran Peterson, Department Leader, at tpeterso@wausauschools.org or (715) 261-0850, ext. 34332.

Additional information can be found in the Wausau West Career Planning and Course Registration Handbook.