

Technology Education Broad Area Major

Curriculum

These are required courses in the major, which must be taken **in addition to** the University's General Education, and Secondary Education Major Requirements.

It should be noted that some courses require prerequisites. It is imperative that each student meets with his or her faculty advisor each quarter prior to registration. Note that there are two options within the program; the "Technology Education Broad Area Major" and the "Technology Education Major".

Pre-Admission Requirements		
CHEM 111	Introduction to Chemistry & Lab	5
MATH 153	Pre-calculus Mathematics I	5
PHYS 111	Introductory Physics & Lab	5
Course Prefix	Course Name	Credits
ETSC 145	Machine Woodworking	4
ETSC 160	Computer Aided Design & Drafting	5
ETSC 265	3-D Modeling	5
ETSC 277	Intro to Robotics	4
ETSC 385	Product Design and Development	4
EET 271	Digital Circuits	4
MET 255	Machining	4
MET 310	Hydraulics and Pneumatics	4
MET 345	Lean Manufacturing	4
MET 357	Welding/Fabrication	4
MET 482 or 483	Plastics/Ceramics & Composites & Lab	5
SHM 325	General Industrial Safety and Health	3
ETSC 430	Methods in Teaching Technology Ed.	3
ETSC 433	Technology Education Lab Planning	3
CTE 410	CTE School to Work Programs	4
Elective Credits by Advisement		11-14
Total		86-89

Note: Students selecting this major are also required to obtain 2,000 hours of paid occupational experience for career & technical education (CTE) certification.

Students will apply separately to the Secondary Education program:

<https://www.cwu.edu/csel/secondary-education-major>

Teacher certification requirements can be found at: [Welcome | Central Washington University \(cwu.edu\)](https://www.cwu.edu)