

CAD-Mechanical Design III

- PS 1 Students will be able to understand and properly specify the correct type of fasteners. ([Strand 1](#))
- PS 2 Students will be able to understand and identify basic welding symbols. ([Strand 2](#))
- PS 3 Students will be able to demonstrate the ability to create a flat pattern development. ([Strand 4](#))
- PS 4 Students will be able to understand and demonstrate the basics of Geometric Dimensioning and Tolerancing (GD&T). ([Strand 5](#))
- PS 5 Students will create assembly and working drawings. ([Strand 6](#))
- PS 6 Students will develop a set of working drawings of six or more parts, of industry assembled parts. ([Strand 6, Standard 1](#))
- PS 7 Students will participate in a significant activities that provide each student with an opportunity to render service to others, employ leadership skills, or demonstrate skills they have learned through this course, preferably through participation in a Career & Technical Student Organization (CTSO) such as the Technology Student Association (TSA). ([Strand 6, Performance Skill](#))