

Practicum in Manufacturing



Prerequisite: Welding II OR Precision Metal Manufacturing II

Course: 1822CA/1822CB **Credits:** 2 **Length:** 36 weeks

Placement: 12

Course Description

Practicum in Manufacturing is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the manufacturing cluster.

Student Activities

Students will be instructed in advanced skills in the following areas:

- Shielded Metal Arc Welding (SMAW)
- Gas Metal Arc Welding (GMAW)
- Flux Cored Arc welding (FCAW)
- Gas Tungsten Arc Welding (GTAW)
- Plasma cutting
- Project design and fabrication
- Working individually and in groups
- Employability and careers in Manufacturing

Additional Considerations

Students must provide their own transportation and complete independent internship. If seeking certification, curriculum cannot be modified.

TCC Dual Credit Opportunity



TCC WLDG 1317 Introduction to Layout & Fabrication can be taken concurrently with this class. There is no TSI requirement, but students must register and pay tuition by TCC deadline.