

MANUFACTURING PROGRAMS



Carpentry Trades Pre-Apprenticeship

500-Hour Program | New Cohorts Begin in Spring & Fall

This pre-apprenticeship program prepares students for a career in Carpentry for the Building & Construction trades. Learn shop safety, construction math, blueprint reading, measuring and cutting, material preparation, framing and layout, and other essential skills for future carpenters. This program is aligned with the SouthWest and Mountain States Carpentry Guild's Apprenticeship program.

Machine Technology

Open-Entry Program | Start Any Time | Offered in Spring, Summer & Fall

Our NIMS-accredited Machine Technology program offers training on state-of-the-art HAAS CNC machines and the latest versions of MasterCAM. Students can begin at any time and train at their own pace. Courses include Basic Machine Shop; CNC Operations & Programming; Introduction to CAD/CAM Programming; and Advanced CNC Programming Concepts.

Welding

Six Month Program | Offered in Spring, Summer & Fall

Our fully comprehensive program allows you to train in one of four pathways: Welding for Aerospace / Automotive; Welding for Construction / Building; Welding for Fabrication / Manufacturing; or Welding for Petrochemical / Pipefitting. One low fee covers six months of instruction and all instructional hours, lab consumable gases and metals, up to four certification exams, and a full set of gears, tools, and books aligned with the students' industry pathway of choice.