

Skilled & Technical Sciences

Advanced Manufacturing



Image created by Talley High School student.

Courses

Pre-Engineering A, B
Industrial Technology Intro, Design, Manufacturing
Core Plus Aerospace A, B, C
Welding & Plasma Cutting Arts A, B

Credentials

OSHA Safety, Core Plus Aerospace & Advanced
Manufacturing Certificate



Beyond the Classroom

These courses may visit worksites such as Boeing, industrial manufacturing facilities, skilled trades programs, trades fairs, welcome guest speaker experts on skilled trades, participate in local service projects and gain skills through SkillsUSA after school club participation.



Graduation Requirements

Credit from these courses may be used to meet the following graduation requirements

Fine Arts
CTE

Elective



College Credit

Students may earn Dual (high school and college) Credit through these programs:

CTE Dual Credit (Agreement with College)

After High School

WORKFORCE

Engine/Machine Assembler (\$57,000), Sheet Metal Worker (\$86,000), Welder (\$60,000)

MILITARY

Machinist (\$58,000), Precision Instrument & Equipment Repair (\$80,000), Tactical Data System Repair (\$71,000), Welder (\$54,000)

APPRENTICESHIP/ CERTIFICATE

Calibration Technician (\$78,000), Installation/Maintenance/Repair Worker (\$57,000), Mechanical Engineer Technician (\$71,000), Medical Equipment Repairer (\$87,000)

2-YEAR COLLEGE

First-Line Supervisor (\$74,000), Industrial Engineering Technician (\$73,000), Industrial Machinery Mechanic (\$70,000), Industrial Production Manager (\$133,000)

4-YEAR DEGREE

Industrial Production Manager (\$117,000), Training & Development Manager (\$125,000), Facilities Manager (\$105,000), Aerospace Engineer (\$131,000)

GRADUATE DEGREE

Engineer Manager (\$165,000)