



MANUFACTURING

Programs of Study

Business & Industry Endorsement



MANUF 1 MANUFACTURING

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| <p>9th Grade Principles of Manufacturing (1)</p> |
| <p>10th Grade Diversified Manufacturing I (1)</p> |
| <p>11th Grade *Diversified Manufacturing II (1) or *Precision Metal Manufacturing I (2)</p> |
| <p>12th Grade *Practicum in Manufacturing (2) or *Precision Metal Manufacturing II (2)</p> |
| <p>Certifications OSHA 10-hr **NCCER CORE **MasterCAM Professional Level Certification</p> |
| <p>Careers Mechanical Engineering Technician (\$57K) Production & Operating Technician (53K) CNC Machine Operator (\$39K) CNC Machine Programmer (\$63K)</p> |

MANUF 2 WELDING

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| <p>9th Grade Principles of Manufacturing (1)</p> |
| <p>10th Grade Welding I (2)</p> |
| <p>11th Grade *Welding II (2)</p> |
| <p>12th Grade *Practicum in Manufacturing (2)</p> |
| <p>Certifications OSHA 10-hr **NCCER CORE **AWS D1.1 (Structural Welding) **API Welding</p> |
| <p>Careers Welder, Cutter, Solderer, and Brazer (\$41K+)</p> |