Precision Machining Career Pathways
Your Path To Possible

Suggested High School Classes
- Geometry
- Introduction to Construction
- Introduction to Manufacturing
- Introduction to Engineering Design
- Computer-Aided Design

SENCAP/Dual Credit Advantage/TCA

Two-Year Programs
- Precision Machining and Automation Technology
- Manufacturing Engineering Technology

Careers
Associates Degree
- Precision Machinists
- Tool and Die Maker
- CNC Programmer
- CNC Set-up and Operations
- Machine Builder and Designer

Careers
Associates & Bachelors Degrees
- Mold and Die Designer
- Machine Designer
- Process Engineering
- Robot Programming
- Product Designer

Four-Year Programs
- Mechanical Engineering
- Manufacturing Engineering

Careers
Bachelors Degree
- Product Engineer
- Machine Designer
- Process Engineering
- Structural Analysis
- Component Certification

Important Skills-Strengths-Interests
- Analytical skills
- Math and computer applications
- Manual dexterity
- Mechanical aptitude
- Technical skills
- Multi-tasking abilities

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This project was funded through the Carl D. Perkins Career and Technical Education Act of 2006, administered through the Nebraska Department of Education. However, the contents do not necessarily represent the policy of the United States Department of Education, and you should not assume endorsement by the Federal Government.