Engineering Career Pathways
Your Path To Possible

Suggested High School Classes
- Geometry
- Trigonometry
- Calculus
- Physics
- Drafting

Two-Year Programs
- Design Drafting Technology
- Geographic Information Systems
- Land Surveying
- Electronic Systems
- Manufacturing Engineering
- Precision Machining

Four-Year Programs
- Civil Engineering
- Mechanical Engineering
- Electrical Engineering
- Construction Architecture
- BioSystems
- Engineering

Careers
- Associates Degree
  - Drafter
  - Designer
  - Electrical Designer
  - HVAC Draftsman
  - Manufacturing

Careers
- Associates & Bachelors Degrees
  - Architecture Assistant
  - Furniture Designer
  - 3D Mapping
  - Industrial Design
  - Process Engineer

Careers
- Bachelors Degree
  - Product Designer
  - Civil Engineer
  - City Planner
  - Chemical Engineer
  - Landscape Architect

Important Skills-Strengths-Interests
- Strong spatial relation skills
- Computer Proficient
- Mechanical Aptitude
- Strong math skills, including geometry, calculus and trigonometry
- Decision making and problem solving skills
- Highly organized with ability to create action plans
- Ability to explain verbally and in writing concepts and proposals

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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.