

What is a Pathway?

A Pathway is a group of jobs and industries that are related by skills or products. Pathways are also referred to as Career Clusters. Within each Pathway there are a collection of courses and training opportunities that prepare students for several career opportunities. For example: If my chosen Pathway is Health Science my potential career options may include: doctor, nurse, veterinarian, dentist, lab technician, physical therapist, athletic trainer and more.

There are 16 total Pathways/Career Clusters established at the national level and are recognizable across the United States in middle schools, high schools, community and technical colleges, and the workforce.

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business, Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

Bethel School District Pathway Offerings

In Bethel School District, the 16 Pathways have been combined into 7 Pathways more closely aligned to our course offerings. Post-secondary training options and potential careers have been outlined below.



ARTS & COMMUNICATION

Visual Design | Visual Communication / Graphic Arts | Video Production | Theatre/Performing Arts

BUSINESS & MARKETING

Business Marketing | Business Management | Financial Services | Office Administration

HEALTH SCIENCE

Medical Care Careers | Sports Medicine / Fitness Training

HUMAN SERVICES

Hospitality & Tourism | Education & Social Services | Government & Safety Services | Junior Reserve Officer Training (JROTC)

INFORMATION TECHNOLOGY

Information Technology

SCIENCE AND NATURAL RESOURCES

Environmental Science

STEM

Manufacturing | Engineering and Construction | Transportation, Distribution and Logistics

NAVIGATING THIS DOCUMENT

This document contains hyperlinks for easy navigation. From the menu above, click on the Pathway you're interested in to view information. If you wish to navigate back to the cover page, click on the title of the pathway.

ARTS AND COMMUNICATION

VISUAL DESIGN

PATHWAY COURSE OPTIONS

- Advanced Metals, Jewelry & Design
- Advanced Studio Art
- AP Studio Art 2D
- AP Studio Art: 3D Design
- AP Studio Art: Drawing
- Art Survey
- Ceramics, Advanced Ceramics
- Design & Modeling
- Drawing Painting & Cartooning
- Digital Photography 1 & 2
- Drawing, Advanced Drawing
- Entrepreneurship
- Graphic Design
- Metals, Jewelry & Design 1 & 2
- Painting, Advanced Painting
- Sculpture, Advanced Sculpture
- Web Design 1 & 2
- Yearbook

CTE PATHWAYS

Metals, Jewelry & Design

- Metals, Jewelry & Design 1
- Metals, Jewelry & Design 2
- Advanced Metals, Jewelry & Design
- Choose One:
 - Entrepreneurship
 - Web Design 1

Digital Photography

- Digital Photography 1
- Digital Photography 2
- Graphic Design
- Yearbook

PCSC PATHWAYS

- *DigiPen Video Game Development*

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Information support and services Interactive media; Network systems; Programming and software development

CAREER OPTIONS

2-Year or Certificate: Graphic and Printing Equipment Operator, Lithographer, Computer Typography, Web Design

Bachelor's Degree or Higher: Desktop Publishing Specialist, Graphic Designer, Web Designer, Web Developer, Graphic Artist

VISUAL COMMUNICATION / GRAPHIC ARTS

PATHWAY COURSE OPTIONS

- AP English Language & Composition
- AP English Literature & Composition
- AP Studio Art 2D
- AP Studio Art: Drawing
- Art Survey
- Creative Writing
- Digital Photography 1 & 2
- Drawing, Advanced Drawing
- Graphic Design
- Painting, Advanced Painting
- Video Productions 1 & 2
- Web Design 1 & 2
- Yearbook

CTE PATHWAYS

Digital Photography & Yearbook

- Digital Photography 1
- Digital Photography 2
- Graphic Design
- Yearbook

Digital Photography & Web Design

- Digital Photography 1
- Digital Photography 2
- Graphic Design
- Web Design 1

PCSC PATHWAYS

- *DigiPen Video Game Development*

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Audio and Video Technology and Film; Broadcasting and Journalism; Performing Arts; Printing Technology; Telecommunications; Visual arts

CAREER OPTIONS

2-Year or Certificate: Film and TV Crew, Film Editor

Bachelor's Degree or Higher: TV Producer, Screenwriter, TV Anchor, Video Game Designer

ARTS AND COMMUNICATION

THEATRE / PERFORMING ARTS

PATHWAY COURSE OPTIONS

- AP English Language & Composition
- AP English Literature & Composition
- AP Music Theory
- Band
- Choir
- Composing & Arranging
- Guitar
- Improvisational Theatre
- Music Performance
- Music Theory
- Orchestra
- Speech/Debate
- Theatre Design & Stagecraft 1 & 2
- Theatre, Advanced Theatre
- World Language

CTE PATHWAYS

None

PCSC PATHWAYS

None

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Broadcasting and Journalism; Performing Arts; Telecommunications; Visual Arts

CAREER OPTIONS

2-Year or Certificate: Film and TV Crew, Announcer, Model, Dancer, Voice-Over Specialists, Stage Hand

Bachelor's Degree or Higher: Screenwriter, TV Anchor, Professional Make-Up Artist, Agent, Director, Set Designer

VIDEO PRODUCTION

PATHWAY COURSE OPTIONS

- AP English Language & Composition
- AP English Literature & Composition
- Creative Writing
- Digital Photography 1 & 2
- Graphic Design
- Journalism
- Media Design & Production
- Video Production 1 & 2

CTE PATHWAYS

Video Production

- Video Production 1
- Video Production 2
- Media Design & Production A
- Media Design & Production B

PCSC PATHWAYS

None

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Audio and Video Technology and Film; Broadcasting and Journalism; Performing Arts; Printing Technology; Telecommunications; Visual Arts

CAREER OPTIONS

2-Year or Certificate: Film and TV Crew, Film Editor

Bachelor's Degree or Higher: TV Producer, Screenwriter, TV Anchor, Video Game Designer

BUSINESS AND MARKETING

BUSINESS MARKETING

PATHWAY COURSE OPTIONS

- Accounting 1 & 2
- AP Macroeconomics
- AP Microeconomics
- Business Law
- Business Management
- DigiTools
- Economics
- Entertainment Marketing and eSports
- Entrepreneurship
- Financial Fitness
- Intro to Business & Marketing
- Leadership
- Microsoft Applications 1 and 2
- Project Management
- Psychology/AP Psychology
- Retail Store Operations
- Sociology
- Sports & Events Marketing
- Statistics
- Statistics Principles Sports
- Web Design 1 & 2
- Work-Based Learning
- World Language
- Yearbook

CTE PATHWAYS

Marketing Sales & Design

- Intro to Business & Marketing A
- Intro to Business & Marketing B
- Retail Store Operations A
- Retail Store Operations B or C

Entertainment Marketing

- Intro to Business & Marketing A
- Intro to Business & Marketing B
- Sports & Events Marketing
- Choose one class below:
 - Entertainment Marketing & eSports
 - Entrepreneurship
 - Business Management
 - Business Law

PCSC PATHWAYS

- Cosmetology (off-site @ Clover Park Technical College)
- Culinary Arts

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Buying and Merchandising; E-Marketing; Management and Entrepreneurship; Marketing Communications and Promotion; Marketing Information Management and Research; Professional Sales and Marketing

CAREER OPTIONS

2-Year or Certificate: Telemarketer, Media Specialist, Library Tech, Volunteer Manager

Bachelor's Degree or Higher: Marketing Specialist, Market Research Analyst, Media Buyer, Sports Marketer, International Marketing, Pharmaceutical Marketing and Management, Marketing Research, E- Business Consultant

BUSINESS MANAGEMENT

PATHWAY COURSE OPTIONS

- Accounting 1 & 2
- AP Macroeconomics
- AP Microeconomics
- Business Law
- Business Management
- DigiTools
- Economics
- Entertainment Marketing and eSports
- Entrepreneurship
- Financial Fitness
- Intro to Business & Marketing
- Leadership
- Microsoft Applications 1 and 2
- Project Management
- Psychology/AP Psychology
- Retail Store Operations
- Sociology
- Sports & Events Marketing
- Statistics
- Statistics Principles Sports
- Web Design 1 & 2
- Work-Based Learning
- World Language
- Yearbook

CTE PATHWAYS

Business Management

- Intro to Business & Marketing A
- Intro to Business & Marketing B
- Choose two classes below:
 - Accounting 1A & 1B
 - Business Law
 - Business Management
 - Entrepreneurship

PCSC PATHWAYS

- Cosmetology (off-site @ Clover Park Technical College)
- Culinary Arts

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Advertising; Hospitality; International Business; Non-Profit Management; Distribution and logistics; Management and entrepreneurship

CAREER OPTIONS

2-Year or Certificate: Telemarketer, Media Specialist, Library Tech, Volunteer Manager

Bachelor's Degree or Higher: Marketing Specialist, Market Research Analyst, Media Buyer, Sports Marketer, International Marketing, Pharmaceutical Marketing and Management, Marketing Research, E- Business Consultant

BUSINESS AND MARKETING

FINANCIAL SERVICES

PATHWAY COURSE OPTIONS

- Accounting 1 & 2
- Advanced Algebra
- AP Macroeconomics
- AP Microeconomics
- AP Statistics
- DigiTools
- Economics
- Financial Fitness
- Intro to Business & Marketing
- Microsoft Applications 1 & 2
- Pre-Calculus
- Retail Store & Entrepreneurship
- Statistics
- Statistics Principles Sports
- Work-Based Learning
- Work-Based Learning
- World Language

CTE PATHWAYS

Finance and Accounting

- Accounting 1A
- Accounting 1B
- Accounting 2A
- Accounting 2B

PCSC PATHWAYS

None

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Banking and Related Services; Business Financial Management; Financial and Investment Planning Insurance Services; Financial Administrative Support; Business Analysis; Business Financial Management and Accounting

CAREER OPTIONS

2-Year or Certificate: Bookkeeper, Loan Processor, Cash Manager, Bank Teller, Financial Assistant, Product Manager

Bachelor's Degree or Higher: Financial Planner, Accountant, Credit Analyst, Financial Advisor, Auditor, Investment Banker, CPA, CEO, Chief Financial Officer, Actuary

OFFICE ADMINISTRATION

PATHWAY COURSE OPTIONS

- Accounting 1 & 2
- AP Computer Science
- Computer Science
- DigiTools
- Financial Fitness
- Graphic Design
- Intro to Business & Marketing
- Microsoft Applications 1 & 2
- Retail Store & Entrepreneurship
- Web Design 1 & 2
- Work-Based Learning
- Work-Based Learning
- Yearbook

CTE PATHWAYS

Microsoft Applications

- Microsoft Applications 1A
- Microsoft Applications 1B
- Microsoft Applications 2A
- Microsoft Applications 2B

PCSC PATHWAYS

None

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Information Support and Services Network Systems; Programming and Software Development; Administrative Support; Business Analysis; Business, Financial Management and Accounting; Human Resources

CAREER OPTIONS

2-Year or Certificate: Computer Trainer or Support Person, Desktop Publisher, Electronics Repairer, Office Machine Repairer, Web Developer, Video Game Developer, Website Designer, Webmaster, Technical Writer

Bachelor's Degree or Higher: Multimedia Developer, Computer Animator, Business System Analyst, Database Developer, E-Business Consultant, Electrical Engineer, Information Security Analyst, IT Project Manager

HEALTH SCIENCES

MEDICAL CAREERS

PATHWAY COURSE OPTIONS

- AP Biology
- AP Calculus
- AP Chemistry
- Biology of Addiction & the Brain (CiHS)
- Biomedical Innovations
- Child Development 1 & 2
- Family Health
- Health
- Human Body Systems
- Intro to Medical Careers 1 & 2
- Intro to Nutrition & Fitness
- Medical Interventions
- Nutrition and Fitness for Life
- Physical Fitness Project Design
- Physical Fitness Technician
- Pre-Calculus (CiHS)
- Principles of Biomedical Science
- Psychology/AP Psychology
- Science of Nutrition and Health
- Sociology
- Sports Medicine 1 & 2
- Sports Medicine Practicum
- World Languages

CTE PATHWAYS

Biomedical Sciences

- Principles of Biomedical Sciences A
- Principles of Biomedical Sciences B
- Human Body Systems A
- Human Body Systems B

Advanced Biomedical Sciences

- Medical Interventions A
- Medical Interventions B
- Biomedical Innovation A
- Biomedical Innovation B

PCSC PATHWAYS

- Medical Careers
- Pre-Pharmacy Technology
- Pre-Veterinary Technology
- Pre-Physical Therapy & Sports Medicine

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Diagnostic Services; Health Informatics; Biotechnology Research and Development; Therapeutic Services

CAREER OPTIONS

2-Year or Certificate: Med Tech, LPN, Medical Sonographer, Midwife, Physical Therapy Asst., Fitness Instructor, Cardiovascular Technician, Dental Hygienist, Forensic Technician, Biotechnology Lab Technician

Bachelor's Degree or Higher: Medical Technologist, Registered Nurse, Dietician, Physician, Surgeon, Psychologist, Dentist, Podiatrist, Chiropractor, Therapist, Biochemist, Bioinformatics Specialist, Forensic Scientist, Microbiologist, Oceanographer, Zoologist, Forester, Park Warden

SPORTS MEDICINE / FITNESS TRAINING

PATHWAY COURSE OPTIONS

- AP Biology
- AP Calculus
- AP Chemistry
- Biology of Addiction & the Brain (CiHS)
- Biomedical Innovations
- Child Development 1 & 2
- Family Health
- Health
- Human Body Systems
- Intro to Medical Careers 1 & 2
- Intro to Nutrition & Fitness
- Medical Interventions
- Nutrition and Fitness for Life
- Physical Education
- Physical Fitness Project Design
- Physical Fitness Technician
- Pre-Calculus (CiHS)
- Principles of Biomedical Science
- Psychology/AP Psychology
- Science of Nutrition and Health
- Sociology
- Sports Medicine 1 & 2
- Sports Medicine Practicum
- World Language

CTE PATHWAYS

Sports Medicine

- Sports Medicine 1A
- Sports Medicine 1B
- Sports Medicine 2A
- Sports Medicine 1B

Integrated Fitness Training

- Sports Medicine 1A
- Sports Medicine 1B
- Intro to Physical Fitness Technician
- Physical Fitness Program Design

PCSC PATHWAYS

- Pre-Physical Therapy & Sports Medicine

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Diagnostic Services; Health Informatics; Biotechnology Research and Development; Therapeutic Services

CAREER OPTIONS

2-Year or Certificate: Med Tech, LPN, Medical Sonographer, Midwife, Physical Therapy Asst., Fitness Instructor, Cardiovascular Technician, Dental Hygienist, Forensic Technician, Biotechnology Lab Technician

HUMAN SERVICES

GOVERNMENT & SAFETY SERVICES

PATHWAY COURSE OPTIONS

- Accounting
- AP Biology
- AP Chemistry
- AP Government
- Biomedical Innovations
- Business Law
- Human Body Systems
- Intro to Medical Careers
- Medical Interventions
- Pre-Calculus
- Principles of Biomedical Science
- Psychology/AP Psychology
- Sociology
- Statistics/AP Statistics
- World Language

CTE PATHWAYS

None

PCSC PATHWAYS

- Criminal Justice
- Fire Science & Emergency Services

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Emergency and fire management; Security and protective service; Law enforcement services; Legal services Correction services

CAREER OPTIONS

2-Year or Certificate: Crime Scene Technician, Biotechnology Lab Technician

Bachelor's Degree or Higher: Forensic Accountant, Forensic Scientist, Pathologist, Coroner, Crime Scene Investigator, Toxicologist

HOSPITALITY / FOOD SERVICE

PATHWAY COURSE OPTIONS

- Accounting 1 & 2
- AP Human Geography
- AP World History
- Business Law
- Culinary Essentials 1, 2, & 3
- Graphic Design
- Intro to Nutrition & Fitness
- Introduction to Business & Marketing
- Nutrition and Fitness for Lifelong Health
- Pre-Calculus (CiHS)
- Psychology/AP Psychology
- Retail Store & Entrepreneurship
- Science of Nutrition and Health
- Sociology
- Statistics/AP Statistics
- Video Productions
- Web Design
- World Language

CTE PATHWAYS

Culinary

- Culinary Essentials 1
- Culinary Essentials 2
- Culinary Essentials 3
- Intro to Nutrition and Fitness

PCSC PATHWAYS

- Culinary Arts

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Lodging; Recreation, Amusement and Attractions; Restaurants, Food and Beverage Services; Travel and Tourism

CAREER OPTIONS

2-Year or Certificate: Hotel Desk Clerk, Server, Housekeeper, Tour Guide, Travel Agent, Hotel or Restaurant Floor Manager

Bachelor's Degree or Higher: Bed and Breakfast Proprietor, Hotel or Restaurant Facility Manager, Meeting and Convention Planner, Tourism Director

HUMAN SERVICES

EDUCATION & SOCIAL SERVICES

PATHWAY COURSE OPTIONS

- Ancient Humanities
- Biology and Addiction of the Brain (CiHS)
- Careers in ED Practicum
- Careers in Education
- Child Development 1 & 2
- Family Health
- Human Body Systems
- Intro to Medical Careers 1
- Intro to Nutrition & Fitness
- Modern Humanities
- Nutrition and Fitness for Lifelong Health
- Principles of Biomedical Science
- Psychology/AP Psychology
- Science of Nutrition and Health
- Sociology
- Social Justice
- Statistics/AP Statistics
- World Language

CTE PATHWAYS

Careers in Education

- Child Development 1
- Child Development 2
- Careers in Education A
- Careers in Educations B

PCSC PATHWAYS

None

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Consumer Services; Counseling and Mental Health Services; Early Childhood Development and Services; Family and Community Services; Personal Care Services

CAREER OPTIONS

2-Year or Certificate: Preschool Teacher, Instructional Assistant, Child Care Worker, Recreation Facility Employee, Coach, Sign/Foreign Language Interpreter

Bachelor's Degree or Higher: Psychologist, Licensed Social Worker, Counselor, Child Care Worker, Director of Childcare Facility, Preschool Teacher, School Counselor, Sociologist, Social Services Worker, Home Care Aide, Leisure Activities Counselor

JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)

PATHWAY COURSE OPTIONS

ARMY (GKHS)

- Year 1-4
- Drill & Performance

NAVY (SLHS)

- Year 1-4
- Drill & Performance

AIR FORCE (BHS)

- Year 1-4
- Drill & Performance
- Private Pilot Basic Ground School

CTE PATHWAYS

Army JROTC

- Year 1
- Year 2

Air Force JROTC

- Year 1
- Year 2

Navy JROTC

- Year 1
- Year 2

PCSC PATHWAYS

None

POSTSECONDARY OPTIONS

- Military
- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

ROTC programs; health programs; Transportation; engineering; STEM technologies; law enforcement; operations and administration; electronics; maintenance and repair

CAREER OPTIONS

2-Year or Certificate: Enter military as an E2 or E3 (depending on branch); Talk to your recruiter regarding minimum requirements

Bachelor's Degree or Higher: ROTC program is an elective program within many universities matched up to any degree path

INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY

PATHWAY COURSE OPTIONS

- Computer Science Principles
- DigiTools
- Graphic Design
- Computer Programming 1 & 2
- Microsoft Applications 1 & 2
- Web Design 1 & 2
- Work-Based Learning

CTE PATHWAYS

Intro to Computer Science

- DigiTools
- AP Computer Science Principles A
- AP Computer Science Principles B
- AP Computer Science Principles C

Computer Programming

- AP Computer Science Principles A
- AP Computer Science Principles B
- AP Computer Science Principles C
- Computer Programming 1

PCSC PATHWAYS

- DigiPen Video Game Development
- IT & Cybersecurity

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Information Support and Services; Network Systems; Programming and Software Development; Administrative Support; Business Analysis; Business, Financial Management and Accounting; Human Resources

CAREER OPTIONS

2-Year or Certificate: Computer Trainer or Support Person, Desktop Publisher, Electronics Repairer, Office Machine Repairer, Web Developer, Video Game Developer, Website Designer, Webmaster, Technical Writer

Bachelor's Degree or Higher: Multimedia Developer, Computer Animator, Business System Analyst, Database Developer, E-Business Consultant, Electrical Engineer, Information Security Analyst, IT Project Manager

SCIENCE AND NATURAL RESOURCES

ENVIRONMENTAL SCIENCE

PATHWAY COURSE OPTIONS

- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Human Geography
- Conservation & Wildlife Biology 1&2
- Earth Science
- Environmental Science
- Greenhouse Management & Hydroponics 1 & 2
- Landscape Management
- Marine Biology
- Pre-Calculus (CiHS)
- Statistics/AP Statistics
- Zoology

CTE PATHWAYS

Environmental Science

- Environmental Science
- AP Environmental Science A
- AP Environmental Science B
- AP Environmental Science C

PCSC PATHWAYS

- Pre-Veterinary Technology

POSTSECONDARY OPTIONS

- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Animal Systems; Agribusiness Systems; Biotechnology Systems; Environmental Service Systems; Food Products and Processing Systems; Natural Resources Systems; Plant Systems; Power, Structural and Technical Systems

CAREER OPTIONS

2-Year or Certificate: Conservation Officer, Horticulture

Bachelor's Degree or Higher: Fish and Game Warden, Climate Change Analyst, Environmental Consultant, Ecologist, Toxicologist, Forester, Park Naturalist, Sustainability Specialist

STEM

MANUFACTURING

PATHWAY COURSE OPTIONS

- Composites/Manufacturing
- Computer Integrated Manufacturing
- Intro to Engineering Design
- Pre-Calculus
- Principles of Engineering

CTE PATHWAYS

Computer Integrated Manufacturing (BHS)

- Introduction to Engineering Design A
- Introduction to Engineering Design B
- Computer Integrated Manufacturing A
- Computer Integrated Manufacturing B

PCSC PATHWAYS

- Aerospace Composites
- Aerospace Machining & Fabrication
- Construction Trades

POSTSECONDARY OPTIONS

- Apprenticeship
- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Facility and Mobile Equipment Maintenance; Health, Safety and Environmental Management; Logistics Planning and Management Services; Sales and Services; Transportation Operations; Transportation Systems and Infrastructure; Planning, Management and Regulation; Warehousing/Distribution Center Operations

CAREER OPTIONS

2-Year or Certificate: Assembler, Manufacturing Technician, Agriculture Technician, Health and Safety Representative, Industrial Machinist

Bachelor's Degree or Higher: Electrician, Machinist, Engineering Fields, Mechanic, Manufacturing Technician

ENGINEERING & CONSTRUCTION

PATHWAY COURSE OPTIONS

- AP Calculus (CiHS)
- AP Computer Science Principles
- AP Physics
- Civil Engineering and Architecture
- Computer Integrated Manufacturing
- Design and Modeling
- Drone Design and Engineering
- Drone Piloting (UAS)
- Intro to Aerospace Engineering
- Intro to Computer Programming
- Intro to Construction Trades
- Intro to Engineering Design
- Pre-Calculus (CiHS)
- Principles of Engineering / Robotics

CTE PATHWAYS

Drone Engineering

- Introduction to Engineering Design A
- Introduction to Engineering Design B
- Drone Piloting
- Drone Design and Engineering

Engineering

- Introduction to Engineering Design A
- Introduction to Engineering Design B
- Principles of Engineering A
- Principles of Engineering B

Environmental Sustainability (GKHS)

- Introduction to Engineering Design A
- Introduction to Engineering Design B
- Environmental Sustainability A
- Environmental Sustainability B

PCSC PATHWAYS

- Construction Trades
- Aerospace Composites
- Aerospace Machining & Fabrication

POSTSECONDARY OPTIONS

- Apprenticeship
- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Construction; Design and Pre-Construction; Maintenance and Operations; Architectural and Civil Drafter or Engineer; Environmental Designer; Electrical Design Engineer; Project Management

CAREER OPTIONS

2-Year or Certificate: Electrician, CAD Technician, Land Survey Technician, HVAC/HVACR Technician, Carpenter, Contractor, Drafter, Material Manager, Construction Worker, Residential or Commercial Carpenter, Sheet Metal Technician

Bachelor's Degree or Higher: Engineering (Aerospace, Architectural, Biomedical, Chemical, Civil, Electrical, Manufacturing, Marine and Nuclear), Surveyor, Electrician, Architect, Construction Manager, Cost Estimator, Geologist and Geophysicists, Mining Engineer

STEM

TRANSPORTATION, DISTRIBUTION & LOGISTICS

PATHWAY COURSE OPTIONS

- Business Law
- Intro to Aerospace Engineering
- Intro to Business & Marketing
- Power Sports 1, 2, and 3
- Retail Store & Entrepreneurship
- Robotics
- Drone Piloting
- Drone Design and Engineering

CTE PATHWAYS

Aerospace Engineering (SLHS)

- Introduction to Engineering Design A
- Introduction to Engineering Design B
- Aerospace Engineering A
- Aerospace Engineering B

PCSC PATHWAYS

- Aerospace Composites
- Aerospace Machining & Fabrication
- Automotive Technology

POSTSECONDARY OPTIONS

- Apprenticeship
- Community/Technical College
- University Programs

POTENTIAL DEGREE COURSES OF STUDY

Facility and Mobile Equipment Maintenance; Health, Safety and Environmental Management; Logistics Planning and Management Services; Sales and Services; Transportation Operations; Transportation Systems and Infrastructure; Planning, Management and Regulation; Warehousing/Distribution Center Operations

CAREER OPTIONS

2-Year or Certificate: Fork Lift Operator, Light Truck Driver, Transportation Agent, Bus Driver, Deck Hand, Dispatcher, Railroad Brake Signal Operator

Bachelor's Degree or Higher: Airline Pilot, Ship Captain, Ship Engineer, Auto Mechanic, Heavy Equipment Mechanic, Motorcycle Mechanic, Subway Operator