

IBCP Career Pathways Chart

Area of Study – Skilled & Technical Sciences Education

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Pathways Offered

Mechanics and Repairs
Automotive Collision Repair

Mechanics and Repairs
Automotive Service Technician

Mechanics & Repairs
Electronics

Supporting IB Courses

- **Business and Management**
- Mathematics
- Computer Science

- **Business and Management**
- Mathematics
- Computer Science

- **Business and Management**
- Computer Science
- Mathematics

CTE Classes

- **Collision Non/Structural Repair**
- Collision Refinishing & Painting
- Basic Electronics
- Digital/Advanced Electronics
- Introduction to Automotive
- Small Engine Technician
- Welding Technician, Beginning
- Student Internship

- **Introduction to Automotive**
- ASE Brakes
- ASE Steering and Suspension
- ASE Electrical/Electronics
- ASE Engine Performance
- Collision Non/Structural Repair
- Basic Electronics
- Digital/Advanced Electronics
- Collision Refinishing & Painting
- Small Engine Technician
- Student Internship

- **Basic Electronics**
- Digital/Advanced Electronics
- Intro to Automotive
- Woodworking
- Student Internship

*Students must complete West High School graduation requirements in addition to IBCP courses and requirements.
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IBCP Career Pathways Chart

Area of Study – Skilled & Technical Sciences Education

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Pathways Offered

Precision Production Trades
Cabinetmaking/Millwork

Precision Production Trades
Welding

Visual Arts-Commercial Art

Supporting IB Courses

- **Business and Management**
- Mathematics
- Computer Science

- **Business and Management**
- Mathematics
- Physics

- **Visual Art**
- Art History
- Film
- Business and Management

CTE Classes

- **Woodworking**
- Woodworking I
- Furniture Design & Manufacturing
- Cabinetmaking & Millwork
- Accounting I, II
- Student Internship

- **Welding Technician, Beginning**
- Welding Technician, Intermediate
- Welding Technician, Advanced
- Basic Electronics
- Digital/Advanced Electronics
- Student Internship

- **Design & Visual Communication**
- Visual Com: Ind Design/Adver Art
- Digital Media I, II
- 3D Graphics
- 3D Animation
- Basic Digital Photography
- Visual Com: Industrial Design
- Student Internship

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IBCP Career Pathways Chart

Area of Study – Skilled & Technical Sciences Education

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Pathways Offered

Visual Arts
Commercial Photography

Television Broadcasting
Technician

Personal Service-Barbering

Supporting IB Courses

- **Visual Art**
- Film
- Business and Management

- **Film**
- Visual Art
- Business and Management

- **Business and Management**
- Chemistry
- Mathematics
- Psychology

CTE Classes

- **Basic Digital Photography**
- Adv Basic Digital Photography
- Adv Commercial Photography
- Digital Media I, II
- 3D Graphics
- 3D Animation
- Design & Visual Communications
- Visual Com: Industrial Design
- Vis Com: Ind Design/Advertising Art
- Student Internship

- **TV Broadcasting I, II**
- Video Production I, II/TV West
- Computer Programming I
- Digital Media I, II
- Basic Electronics
- Basic Digital Photography
- Student Internship

- **Barbering**
- Nail Technician I, II
- Entrepreneurship Marketing
- Accounting I, II
- Student Internship

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IBCP Career Pathways Chart

Area of Study – Skilled & Technical Sciences Education

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Pathways Offered

Personal Service
Nail Technician

Protective Services
Firefighting

Protective Service
Law Enforcement

Supporting IB Courses

- **Business and Management**
- Chemistry
- Psychology
- Mathematics

- **Environmental Systems**
- Chemistry
- Mathematics
- Physics
- Geography

- **Environmental Systems**
- Mathematics
- Physics

CTE Classes

- **Nail Technician I, II**
- Barbering
- Accounting I, II
- Entrepreneurship Marketing
- Student Internship

- **Fire Science**
- Emergency Medical Services
- EMT
- Physics with Technology
- Student Internship

- **Law Enforcement**
- Emergency Medical Services
- EMT
- Forensics
- Physics with Technology
- Student Internship

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