

# IBCP Career Pathways Chart

## Area of Study – Engineering & Technology Education

### Pathways Offered

Engineering

Robotics

Electronics

### Supporting IB Courses

Business Management  
Computer Science  
Mathematics  
**Physics**

Business Management  
Computer Science  
Mathematics  
**Physics**

Business Management  
Computer Science  
Mathematics  
**Physics**

### CTE Classes

**Required Courses**  
Engineering Principals I, II  
**Elective Courses**  
Electronics I, II  
Robotics I, II  
Student Internship

**Required Courses**  
Robotics I, II  
**Elective Courses**  
Electronics I, II, III  
Computer Programming I  
Physics with Technology  
Student Internship

**Required Courses**  
Electronics I, II, III  
**Elective Courses**  
ASE Electrical/Electronics  
ASE Engine Performance  
Intro to Automotive  
Video Production  
Student Internship

\*Students must complete West High School graduation requirements in addition to IBCP courses and requirements and State Career Pathway.

\*A State Pathway includes 3.0 credits with a "C" or higher in the CTE Classes, required courses included.