

WHAT IS A CAREER PATHWAY AND WHY DOES MY STUDENT NEED ONE?



Plymouth
HIGH SCHOOL

- Indiana's College and Career Pathways are defined as an **aligned sequence of secondary and postsecondary courses** that leads to an industry-recognized credential or technical certification, or an associates or baccalaureate degree at an accredited postsecondary institution, or a registered apprenticeship.
- At **Plymouth High School**, we want to prepare students for college, career and life by helping guide them through **their chosen career pathway**.
- This journey begins for all students at PHS with the foundational CTE course, **Preparing for College and Careers**.
- Students explore post high school options through Indiana Career Explorer, career days and guidance conferences.
- Students have the opportunity during their Senior year for a **Work Based Learning Capstone** experience, aligned to their chosen career pathway.
- Why are we focusing on **Career Pathways** at PHS?
 - 65% of all post secondary jobs need SOME type of post secondary education
 - Indiana will need over 500,000 residents to have degrees or credentials beyond high school by 2018 to meet the workforce demands
 - Career pathways can provide students a comprehensive plan for life after high school that encompasses college, career and life

PHS COLLEGE & CAREER PATHWAYS

***Preparing for College and
Careers is the Foundational
Course for All Pathways**

AGRICULTURE – LIFE SCIENCES

- Intro to Ag, Food, & Natural Resources
- Animal Science
- Natural Resources
- Plant and Soil Science

ARCHITECTURE & CONSTRUCTION – CONSTRUCTION TRADES

- Introduction to Construction
- Construction Trades I
- Construction Trades II

ARTS, AV TECHNOLOGY & COMMUNICATION – VISUAL COMMUNICATIONS

- Intro to 2-D Art
- Advanced 2-D Art
- Digital Design
- Advanced Digital Design
- Graphic Imaging Technology

BUSINESS & MARKETING - BUSINESS ADMINISTRATION

- Principles of Business Management
- Introduction to Accounting
- Business Law & Ethics
- Interactive Media: Marketing
- Advanced Accounting
- Sports and Entertainment Marketing

HEALTH SCIENCE - BIOTECHNOLOGY

- Principles of Biomedical Sciences
- Human Body Systems

HEALTH SCIENCE – HEALTH CARE SPECIALTIES

- Advanced Nutrition & Wellness
- Advanced Child Development
- Health Science Education I
- Health Science Education II: Nursing

EDUCATION & TRAINING – EARLY CHILDHOOD EDUCATION

- Nutrition & Wellness
- Advanced Nutrition & Wellness
- Child Development
- Early Childhood Education

HUMAN SERVICES – COSMETOLOGY

- Cosmetology I & Cosmetology II

INFORMATION TECHNOLOGY – PC NETWORKING

- Interactive Media: Web Design
- Networking I
- Networking II: Infrastructure

MANUFACTURING & LOGISTICS – MACHINE TECHNOLOGY

- Intro to Ag, Food, & Natural Resources
- Precision Machining I & II

MANUFACTURING & LOGISTICS – WELDING

- Intro to Ag, Food, & Natural Resources
- Welding Technology I & II

MANUFACTURING & LOGISTICS - ADVANCED MANUFACTURING

- Intro to Advanced Manufacturing
- Advanced Manufacturing I

STEM (Science, Technology, Engineering, Mathematics) – ENGINEERING

- Intro to Engineering Design
- Principles of Engineering
- Digital Electronics
- Computer Integrated Manufacturing

PUBLIC SAFETY – CRIMINAL JUSTICE

- Criminal Justice I & II

TRANSPORTATION – MECHANIC

- Intro to Ag, Food, & Natural Resources
- Auto Technology I
- Auto Technology II