

PWHS CAREER PATHWAY PURSUIT



WHAT ARE CAREER FIELDS, CLUSTERS and PATHWAYS?

Career Pathways provide you with a direction for making informed career decisions. You should attempt to identify career pathways based upon interests, experiences, and abilities. Career clusters group specific careers with common features/skills and designate specific occupations and postsecondary majors related to a chosen Career Field. Career Pathways and Career Clusters will assist you in choosing rigorous courses of study at Plymouth Whitmarsh High School with the goal of preparing you for careers and extended studies.

There are 11 Career Pathways at Plymouth Whitmarsh High School tied to the 16 national Career Clusters. To ensure graduation requirements are met you should use this course-planning guide to determine required core and elective courses for grades 9-12. While this document is a general guide, to be used during course selection planning, consultation with teachers and counselors is essential.



HOW TO BEGIN A CAREER PATH

Are you finding that you struggle with what to do next or which career pathway/direction you want to pursue? That's normal and part of the process! Here is a good place to start when searching for a career path.

1. **SELF ASSESS - THINK ABOUT YOURSELF:** What do you enjoy? In what types of work environments do you thrive? Are you social or do you like to work solo? What do you absolutely NOT like to do? Many of these questions are addressed through your Naviance Career Assessments; go back and review this information!
2. **COMMIT YOURSELF – START DOWN A PATH:** Now that you figured out what you enjoy, take action. This applies to selecting courses, extracurricular activities, and investigating job shadows, internships and community service opportunities. Your course selections and extracurricular activities here at PWHS should reflect a career pathway of interest.
3. **REFLECT ON YOUR EXPERIENCES:** What did you like/not like about your experience/courses of study. Should you continue down this path? If not, repeat steps 1 and 2 until you find your spark!

HEALTH SCIENCES & TECHNOLOGIES

Do you like to care for people or animals that are sick or help them stay well? Are you interested in diseases and in how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid or volunteer at a hospital or veterinary clinic? Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you enjoy the outdoors (hunting, fishing, mowing the lawn, gardening)? Are you interested in protecting the environment?

Careers in this pathway relate to the promotion of health, the treatment of disease, agriculture, the environment, and natural resources. These include research, prevention, treatment and related health technologies, agricultural sciences, earth sciences, environmental sciences, forestry, horticulture and wildlife.

COMMUNICATIONS & THE ARTS

Are you a creative thinker? Are you imaginative, innovative and original? Do you like to communicate ideas? Do you like making crafts, drawing, playing a musical instrument, taking photos or writing stories?

Careers in this pathway relate to the humanities and performing, visual literacy, and media arts. These include graphic design, writing, film & broadcasting, computer information systems, fine arts, journalism, languages, media & advertising, and public relations.

BUSINESS & FINANCE

Do you enjoy being a leader, organizing people, and planning activities? Do you like to work with numbers/calculations or ideas? Do you enjoy carrying through with an idea from creation through the end-product? Do you like things neat and orderly? Would you enjoy balancing a checkbook, following the stock market, or holding an office in a club?

Careers in this pathway relate to the business environment. These include entrepreneurship, sales, marketing, finance, accounting, personnel, economics and management.

ENGINEERING & INDUSTRIAL TECHNOLOGIES

Are you mechanically inclined and practical? Do you like reading diagrams and blueprints, and drawing/designing building structures? Are you curious about how things work and enjoy problem solving? Would you enjoy repairing cars & machinery, wiring electrical circuits, or woodworking?

Careers in this pathway relate to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, architecture, electrician, and construction.

HUMAN SERVICES

Are you friendly, open, understanding and cooperative? Do you like to work with people? Is it important for you to do something that makes life better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling, or tutoring young children?

Careers in this pathway relate to economic, political, and social systems. These include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, social services, and personal services.

LAW & CRIMINAL JUSTICE

H LAW, LIT & FILM SEMINAR
H PHILOSOPHY & ETHICS
H THEORIES OF LEADERSHIP
AP US GOVERNMENT & POLITICS
AP SEMINAR AP RESEARCH
AP STATISTICS
FORENSIC SCIENCE
BUSINESS LAW 1
H BUSINESS LAW 2
AP PSYCHOLOGY
PSYCHOLOGY
SOCIOLOGY
*PUBLIC SAFETY

EDUCATION

AP PSYCHOLOGY
AP SEMINAR AP RESEARCH
AP AFRICAN AMERICAN STUDIES
H WRITING FELLOWS
H PHILOSOPHY & ETHICS
H THEORIES OF LEADERSHIP
H AVID TUTORIAL
PSYCHOLOGY
SOCIOLOGY
SERVICE LEARNING
PRIZE – SECONDARY EDUCATION
PRIZE – CHILD DEVELOPMENT
PRIZE – SPECIAL EDUCATION
PRIZE – MOTOR DEVELOPMENT
PRIZE – MUSIC LEARNERS
*EARLY CHILDHOOD EDUCATION
*H TEACHER ACADEMY

ENGINEERING & INDUSTRIAL TECHNOLOGIES

DESIGN TECHNOLOGY

PRODUCT DESIGN
H PRODUCT DESIGN 2
CP INNOVATION STUDIO
ARCHITECTURAL DRAWING 1
H ARCHITECTURAL DRAWING 2
CADD 1
H CADD 2
*BUILDING TRADES

ENGINEERING

H ENGINEERING 1
H ENGINEERING 2
PRE-AP ENGINEERING
H ENGINEERING ADVANCED DESIGN
AP PHYSICS C: MECHANICS
AP SEMINAR
AP RESEARCH
CP INNOVATION STUDIO
ARCHITECTURAL DRAWING 1
H ARCHITECTURAL DRAWING 2
AP CALCULUS AB
AP CALCULUS BC
H CALCULUS
CADD H CADD 2
*BUILDING TRADES

HEALTH SCIENCES

AP BIOLOGY
AP CHEMISTRY
AP SEMINAR AP RESEARCH
ANATOMY & PHYSIOLOGY 1
ANATOMY & PHYSIOLOGY 2
H MICROBIOLOGY
INFECTIOUS DISEASES
FOOD CHEMISTRY
AP PSYCHOLOGY
SPORTS MEDICINE
LIFEGUARDING
AP CALCULUS AB
AP CALCULUS BC
*H ALLIED HEALTH
*HEALTH CARE SCIENCES
*EXERCISE & REHAB SCIENCE

ENVIRONMENTAL SCIENCES

AP ENVIRONMENTAL SCIENCE
AP SEMINAR
AP RESEARCH
ENVIRONMENTAL SCIENCE
MARINE SCIENCE
H PHILOSOPHY & ETHICS
FOOD CHEMISTRY
*LANDSCAPING DESIGN & CONSTRUCTION

BUSINESS & FINANCE

INTRODUCTION TO BUSINESS
BUSINESS LAW 1
H BUSINESS LAW 2
MARKETING 1
H MARKETING 2
SPORTS MANAGEMENT
CP ENTREPRENEURSHIP
ACCOUNTING 1
H ACCOUNTING 2
H ECONOMICS
H THEORIES OF LEADERSHIP
AP MACROECONOMICS
AP MICROECONOMICS
AP STATISTICS
PROBABILITY & STATISTICS

IB CAREER PROGRAMME

IB PERSONAL & PROFESSIONAL SKILLS 11
IB SOCIAL CULTURAL ANTHROPOLOGY 11

IB PERSONAL & PROFESSIONAL SKILLS 12
IB SOCIAL CULTURAL ANTHROPOLOGY 12
IB ANALYSIS & APPROACHES 12

+2 APPROVED CAREER COURSES IN
1 OF 3 PATHWAYS:

BUSINESS & FINANCE
DESIGN TECHNOLOGY
VISUAL ARTS & DESIGN

COMPUTER SCIENCE & ROBOTICS

COMPUTER SCIENCE 1
H COMPUTER SCIENCE 2
AP COMPUTER SCIENCE A
AP COMPUTER SCIENCE PRINCIPLES
H COMPUTATIONAL MATH
GAMEMAKER PROGRAMMING
EXPLORING COMPUTER SCIENCE
GAME DESIGN & DEVELOPMENT
ELECTRONICS
ROBOTICS 1
H ROBOTICS 2
CP INNOVATION STUDIO
*NETWORK TECHNOLOGY

VISUAL ARTS & DESIGN

ART STUDIO 1
H ART STUDIO 2
PRE-AP VISUAL ARTS
H ART MAJOR
JEWELRY & FINE METALS 1
H JEWELRY & FINE METALS 2
PHOTOGRAPHY 1
H PHOTOGRAPHY 2
APPLIED CERAMICS TECH 1
H APPLIED CERAMICS TECH 2
GRAPHIC DESIGN 1
GRAPHIC DESIGN 2
MILESTONE EDITOR
H PHOTO MAJOR
AP ART HISTORY
AP 2D ART & DESIGN
AP 3D ART & DESIGN
AP DRAWING
3D ANIMATION 1
GAME DESIGN
*VISUAL COMMUNICATIONS

MEDIA & JOURNALISM

MASS MEDIA PRODUCTION 1
MASS MEDIA PRODUCTION 2
H MASS MEDIA PRODUCTION 3
CREATIVE WRITING
GRAPHIC DESIGN 1
GRAPHIC DESIGN 2
MILESTONE EDITOR
FILM APPRECIATION
DIGIBEATS FACTORY
PHOTOGRAPHY 1
H PHOTOGRAPHY 2
SONGWRITER'S COLLECTIVE
*VIDEO, SOUND, & MUSIC PRODUCTION

PERFORMING ARTS

CHORUS H CHORUS
BAND H BAND
ORCHESTRA H ORCHESTRA
STRING LAB
BLUES, JAZZ, & MODERN BAND
SONGWRITER'S COLLECTIVE
KEYBOARDS & CHORDS
DIGIBEATS FACTORY
INTRO TO THEATRE
PRE-AP THEATRE
PRE-AP MUSIC THEORY
AP MUSIC THEORY
*VIDEO, SOUND, & MUSIC PRODUCTION

