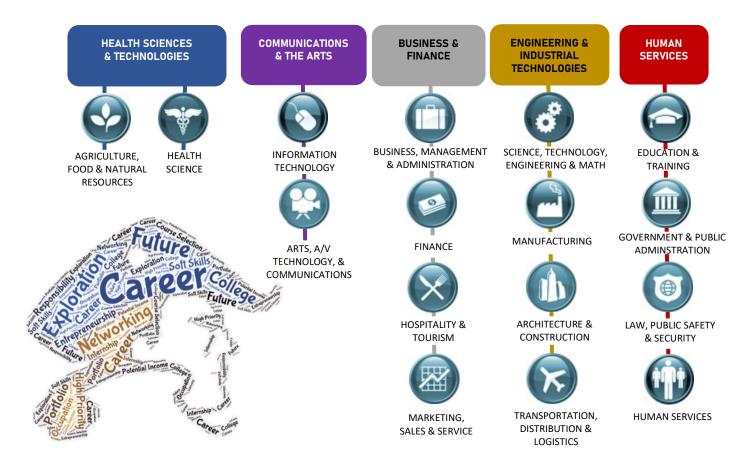
PWHS CAREER PATHWAY PURSUIT



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 Whitemarsh High School with the goal of preparing you for careers and extended studies.

There are 11 Career Pathways at Plymouth Whitemarsh 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!
- 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 work, 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 thing 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** H CADD 2 CADD *BUILDING TRADES

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

HUMAN SERVICES

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 FLECTRONICS ROBOTICS 1 H ROBOTICS 2** CP INNOVATION STUDIO *NETWORK TECHNOLOGY

COMMUNICATIONS

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

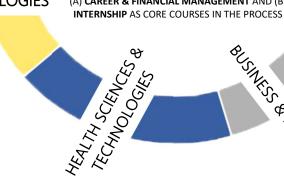
CHORUS

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

PWHS CAREER PATHWAYS

FOLLOW YOUR CAREER PATH BY SELECTING APPLICABLE COURSES OF STUDY OFFERED AT PWHS

*ALL PATHWAYS INCLUDE THE RECOMMENDATION THAT STUDENTS CONSIDER TAKING BOTH (A) CAREER & FINANCIAL MANAGEMENT AND (B)



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