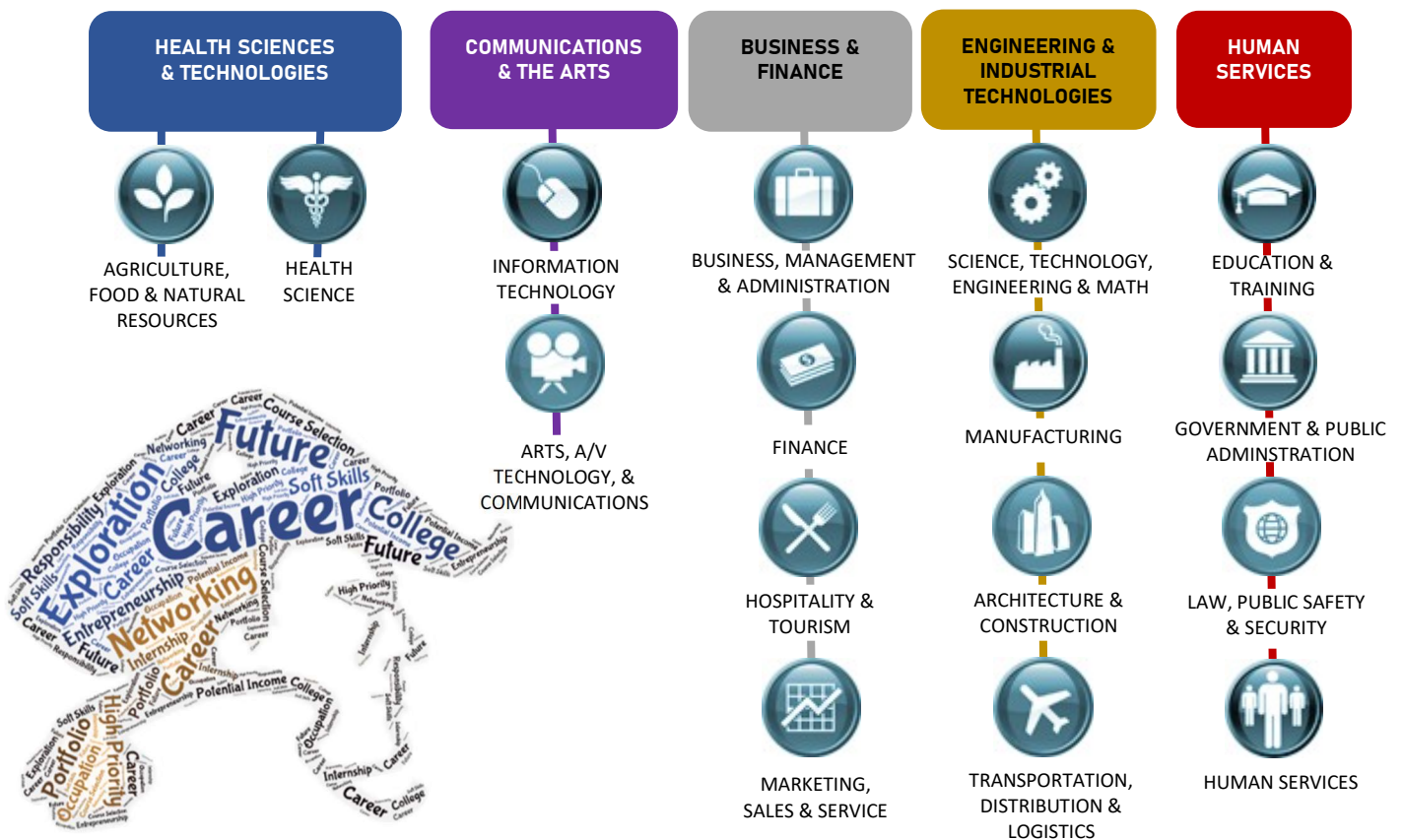


5
Career
Fields
Pennsylvania

16
Career
Clusters
US National

12
Career
Pathways
PWHS

There are 12 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 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, act. 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 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 PHILOSOPHY & ETHICS
DE-H THEORIES OF LEADERSHIP
AP US GOVERNMENT & POLITICS
AP SEMINAR AP RESEARCH
AP ENGLISH LANGUAGE
AP STATISTICS
AP CYBERSECURITY
FORENSIC SCIENCE
BUSINESS LAW 1 H BUSINESS LAW 2
DE-AP PSYCHOLOGY
PSYCHOLOGY SOCIOLOGY
*PUBLIC SAFETY

EDUCATION

DE-AP PSYCHOLOGY
AP SEMINAR AP RESEARCH
AP AFRICAN AMERICAN STUDIES
AP US GOVERNMENT & POLITICS
H US GOVERNMENT
H WRITING FELLOWS
H PHILOSOPHY & ETHICS
DE-H THEORIES OF LEADERSHIP
H AVID TUTORIAL
PSYCHOLOGY SOCIOLOGY
SERVICE LEARNING
PRIZE - WEST CHESTER UNIVERSITY
*EARLY CHILDHOOD EDUCATION
*H SECONDARY EDUCATION ACADEMY

COMPUTER SCIENCE & ROBOTICS

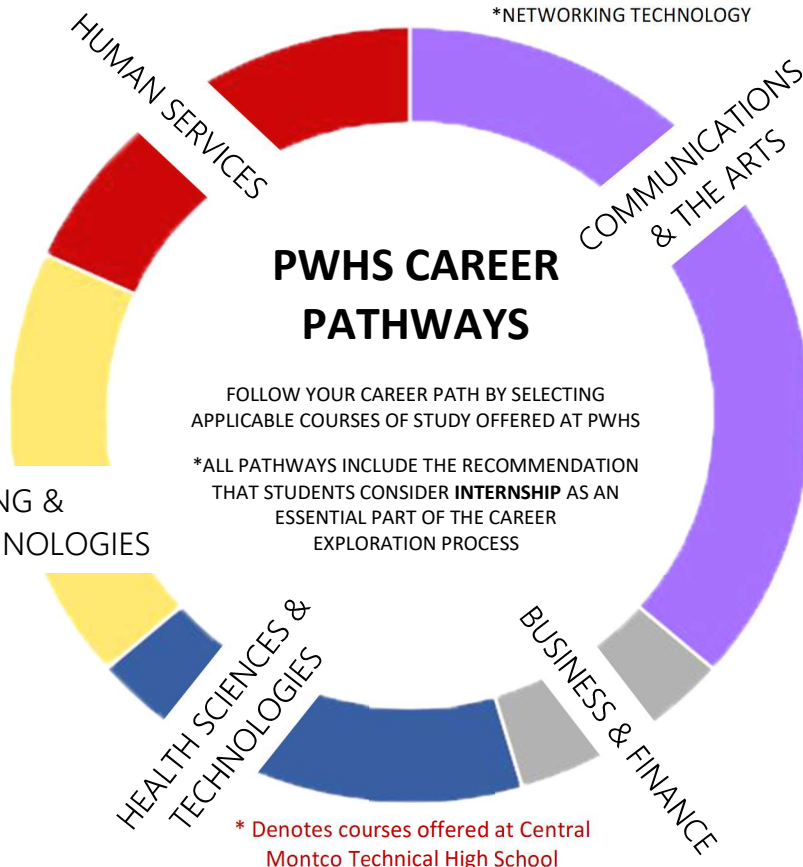
DE-COMPUTER SCIENCE 1
DE-H COMPUTER SCIENCE 2
DE-AP COMPUTER SCIENCE A
DE-AP COMPUTER SCIENCE PRINCIPLES
DE-H COMPUTATIONAL MATH
AP CYBERSECURITY
AP PRECALCULUS
AP CALCULUS AB
AP CALCULUS BC
GAMEMAKER PROGRAMMING
GAME DESIGN & DEVELOPMENT
ELECTRONICS
ROBOTICS 1
H ROBOTICS 2
CP INNOVATION STUDIO
*NETWORKING TECHNOLOGY

STUDIO ART & GRAPHIC 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
H 3D MAJOR
GRAPHIC DESIGN
H MILESTONE EDITOR
H PHOTO MAJOR
AP ART HISTORY
AP 2D ART & DESIGN
AP 3D ART & DESIGN
AP DRAWING
3D ANIMATION 1
H 3D ANIMATION 2
GAME DESIGN
*VISUAL COMMUNICATIONS

LIBERAL ARTS: GENDER STUDIES

DE-AP PSYCHOLOGY
AP SEMINAR AP RESEARCH
AP ENGLISH LANGUAGE
AP AFRICAN AMERICAN STUDIES
WOMEN IN LITERATURE
H PHILOSOPHY & ETHICS
H GENDER & IDENTITY
WOMEN'S STUDIES
PSYCHOLOGY SOCIOLOGY
CONFLICTS & CONNECTIONS
AP HUMAN GEOGRAPHY
AP US GOVERNMENT
AP ART HISTORY
DE-INTRODUCTION TO FILM



MEDIA & JOURNALISM

MEDIA PROD. 1 MEDIA PROD. 2
H MEDIA PRODUCTION 3
AP ENGLISH LANGUAGE
CREATIVE WRITING
GRAPHIC DESIGN
H MILESTONE EDITOR
FILM APPRECIATION
DE-INTRODUCTION TO FILM
DE-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
BLUES, JAZZ, & MODERN BAND
SONGWRITER'S COLLECTIVE
KEYBOARDS & CHORDS
DE-DIGIBEATS FACTORY
INTRO TO THEATRE
PRE-AP THEATRE
PRE-AP MUSIC THEORY
AP MUSIC THEORY
*VIDEO, SOUND, & MUSIC PRODUCTION

DESIGN TECHNOLOGY

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

ENGINEERING

H ENGINEERING 1
H ENGINEERING 2
PRE-AP ENGINEERING
DE-CP ENGINEERING DESIGN
DE-AP PHYSICS C: MECHANICS
AP SEMINAR AP RESEARCH
CP INNOVATION STUDIO
ARCHITECTURAL DRAWING 1
H ARCHITECTURAL DRAWING 2
AP CALCULUS AB
AP CALCULUS BC
AP PRECALCULUS
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
DE-AP PSYCHOLOGY
SPORTS MEDICINE
LIFEGUARDING
AP CALCULUS AB
AP CALCULUS BC
AP PRECALCULUS
*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
AP BUSINESS w/ PERSONAL FINANCE
BUSINESS LAW 1
H BUSINESS LAW 2
DE-MARKETING 1
DE-H MARKETING 2
SPORTS MANAGEMENT
CP ENTREPRENEURSHIP
ACCOUNTING 1
DE-H ACCOUNTING 2
H ECONOMICS
DE-H THEORIES OF LEADERSHIP
AP MACROECONOMICS
AP MICROECONOMICS
AP STATISTICS
PROBABILITY & STATISTICS

IB CAREER PROGRAMME

IB PPS 11 / IB PPS 12
IB SACA 11 / IB SACA 12
IB PRECALCULUS
IB ANALYSIS & APPROACHES
+2 CAREER COURSES IN
1 OF 3 PATHWAYS:
BUSINESS
DESIGN TECHNOLOGY
ART & DESIGN