

The Power of

**W** **M** **E**  
Early Childhood  
Leadership & Learning  
Innovation  
Access & Opportunity  
Community  
Students  
Staff  
Families

**ARE WMP**

**WILLIAM PENN HIGH SCHOOL  
2023-2024 COURSE SELECTION GUIDE**

*Colonial*  
SCHOOL DISTRICT



## From the Principal

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Colonial Nation,

Thank you for perusing our course catalog which contains a complete list of all programs of study and courses available at William Penn High School. You will find that we offer more courses than any other local high school. Additionally, all courses are connected to our degree programs and lead our students to college and/or career readiness.

At William Penn High School, WE are committed to providing students with access to opportunities. Many of the courses and programs of study provide hands-on experiences and may also lead to certifications in areas that will allow our students to be competitive applicants for college admittance, scholarships, and internships, etc. - all of which, set the groundwork for our students' successful futures in various industries and high paying careers.

We feel strongly that a student's transcript and course of study is a resume of their accomplishments at William Penn. Our programs of study and available courses are an important blueprint that highlights student interests, talents and academic success. The driving force for preparing our students for life beyond high school is rigor, relevance and relationships combined with innovation in our academic programs.. As such, there is no other high school and no other District that embraces innovation as much as William Penn High School and the Colonial School District. Go Colonials!

*Ms. Lisa Brewington*  
*Principal*



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## GRADUATION REQUIREMENTS

Incoming freshmen will select a pathway as part of their enrollment process to William Penn High School. Students are encouraged to work with their parents, teachers and school counselors to select the courses that best prepare them for college and career. To ensure that all of our students are college and career ready, WPHS requires all students earn a minimum of 24-30 credits. The number of credits required for graduation is dependent upon the students' pathway and can be found within the pathway description in this course catalog.

### Minimum Credit Requirements for Graduation from William Penn High School

- 4 Credits ..... English
- 4 Credits ..... Mathematics
- 3 Credits ..... Social Studies
- 3 Credits ..... Science
- 2 Credits ..... World Language
- 1 Credits ..... Physical Education
- 0.5 Credit ..... Health Education
- 3 Credits ..... Career Pathway
- 3.5 Credits ..... Electives

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# WP School Counselors

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## BUSINESS COLLEGE ACADEMY

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## HUMANITIES COLLEGE ACADEMY

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## STEM COLLEGE ACADEMY

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# Degree Program of Studies

## Course Recommendations

The following pages showcase the recommended courses for each degree program within our three college academies. These are recommendations. Students should consult parents, school counselors, and their teachers to ensure that graduation requirements are met, and that the transcripts reflect the child's pathway beyond high school graduation. Students select their degree program as early as the spring semester of 8th grade, but have an opportunity to switch programs in May of their Freshman year.



Course recommendations (for the following school year) are done in February and March of each school year. After being approved by the students' counselor and teachers, recommendations are mailed home for parental input.

The intent is that each student has an individualized schedule that makes them competitive and meets their needs for life beyond high school graduation.

On the following pages, you will see a specific program of study for each degree program. They also include our recommendations for additional courses, further enhancing the students' high school experience. Some of these courses are online through the Innovation Center. As appropriate, some programs of study also include certification opportunities.

### LIST OF MAJORS WITHIN EACH COLLEGE



#### STEM COLLEGE ACADEMY

- Agriculture
- Allied Health
- Computer Science
- Construction
- Engineering
- Maintenance Mechanic
- HVAC Technician
- Honors Science



#### BUSINESS COLLEGE ACADEMY

- Air Force Jr ROTC
- Business Information Management
- Culinary Arts
- Academy of Finance
- Marketing



#### HUMANITIES COLLEGE ACADEMY

- Behavioral Sciences
- Digital Communications
- Teacher Academy
- Legal and Public Services
- International Studies
- Visual & Performing Arts



# AGRICULTURE



The study of Agriculture at William Penn High School focuses on three fundamental areas: plant science, animal science and environmental science. Plant science applies the principles of agriculture, biology, and chemistry of plant life. Connecting to our environmental science program, students combine economics, policy and ecology in order to study ecosystems and natural resources. Our animal science program emphasizes animal nutrition, animal care and how animals interact with our food systems. On Historic Penn Farm, students will practice this knowledge on an active farm, adjacent to school property. Agriculture students work directly with culinary and science students in our “farm to school to table” program. Our environmental science program focuses on the interrelationships between humans and the natural world. Each student, upon graduation and completion of the pathway in Agriculture will receive a related industry recognized certification.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Introduction to Agriscience
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. AG (Plant, Animal or Env. Sci)
7. Elective
8. World Language

### Grade 11

1. English III
2. Integrated Math III
3. Chemistry
4. US History
5. AG (Plant, Animal, or Env Sci)
6. Penn Farm
7. World Language
8. Elective

### Grade 12

1. English IV
2. Mathematics course
3. AG (Plant, Animal, or Env Sci)
4. Penn Farm
5. Physics
6. Elective
7. Elective
8. Elective

### Additional Courses that relate to this major:

- Business courses•
- Culinary Arts courses•
- Genetic Editing;

### College Courses

- UD HOSP 180 Hospitality Business Management•
- UD AGRI 217 Leadership & Communication in Ag•
- UD PLSC 100 Plant and Human Culture•
- UD GEOL 105 Geological Hazards•
- UD ANFS 102 Food for Thought

### Online Courses

- Biotechnology
- Hospitality & Tourism
- Veterinary Science

### After School:

- Penn Farm•
- Water & Wastewater Management



### Plant Science Pathway

The Plant Science program of study is a three course instructional program designed to provide students with knowledge of plant growth and reproduction, as well as the use of plants for food, fiber, and ornamental purposes. The program prepares students for a variety of careers in: agronomy, ornamental horticulture, biotechnology, forestry, soil science, and turf management.

Courses:

- *Introduction to Agriscience (Level 1)*
- *Fundamentals of Plant Science (Level 2)*
- *Plant & Soil Systems (Level 3)*
- *Plant Systems Management (Level 4)*
- *Penn Farm (WBL)*



### Animal Science Pathway

The Animal Science & Management program is a hands-on program of study that explores: animal production and management, physical restraint and handling, conducting health exams, evaluation of behavior, principles of genetics and reproduction, animal selection through evaluation, anatomy and physiology, animal nutrition, basic veterinary practices, global food systems, ethics of food animal production, and current agricultural issues in order to foster an understanding of the steps involved in producing and marketing products for consumers. Students practice decision-making and research skills through classroom instruction, laboratory activities, and practical experiences. The program prepares students for a variety of careers in: agribusiness, agriscience education, animal genetics, animal nutrition, animal reproduction, extension educator, marine biology, wildlife biology, veterinary medicine, zoology, animal researcher, animal processor, production manager, artificial insemination technician, animal breeder, veterinary assistant/technician, wildlife manager, zoo animal specialist, animal rescue/animal control officer, and agriculture producer.

Courses:

- *Introduction to Agriscience (Level 1)*
- *Foundations of Animal Science (Level 2)*
- *Growth & Development of Domestic Animals (Level 3)*
- *Domestic Animal Management (Level 4)*
- *Penn Farm (WBL)*



### Environmental Science Pathway

The Environmental and Natural Resource Science (ENRS) program of study is a three instructional program designed to provide students with the scientific principles and methods required to understand the interrelationships of the natural world, identify and analyze environmental problems that are natural and human-made, evaluate risks associated with these problems, and examine alternative solutions. ENRS is interdisciplinary• it embraces a wide variety of topics from different areas of study and promotes unifying constructs, or themes, that cut across the topics included in the study of Environmental and Natural Resources. The program prepares students for a variety of careers including environmental engineer, environmental science and protection technician, geological and petroleum technician, natural sciences manager, wildlife biologist, and zoologist.

Courses:

- *Introduction to Agriscience (Level 1)*
- *Natural Resources & Ecology (Level 2)*
- *Environmental Science Issues (Level 3)*
- *AP Environmental Science (Level 4)*
- *Penn Farm (WBL)*



# ALLIED HEALTH



Allied Health careers are in high demand. The Allied Health major is designed to be a springboard for students to develop the skills and behaviors necessary to enhance their knowledge and practice of general health and wellness. With a focus on Health Care Technician, students explore and prepare for the following medical professions: Phlebotomy, EKG, Clinical Laboratory• EMR, EMT, Paramedic, Nursing, Pre-Med and a variety of Healthcare Technician professions. William Penn has developed a partnership with Christiana Care, DelTech and the University of Delaware. Level 2, Essentials of Diagnostic Careers, offers students the opportunity to earn 3 college credits with an articulation agreement with Del Tech. Many opportunities exist in healthcare after graduation, including college, specialized medical technology training, and associated entry-level careers in the medical field, including emergency medical responder.

## RECOMMENDED PROGRAM OF STUDY

<p><b>Grade 9</b></p> <ol style="list-style-type: none"> <li>1. English I</li> <li>2. Integrated Math I</li> <li>3. Science I</li> <li>4. Geography/Civics</li> <li>5. Physical Education/Health</li> <li>6. Introduction to Health Care Technician</li> <li>7. Elective</li> <li>8. World Language</li> </ol>	<p><b>Grade 10</b></p> <ol style="list-style-type: none"> <li>1. English II</li> <li>2. Integrated Math II</li> <li>3. Biology</li> <li>4. Economics</li> <li>5. Phys Ed/Drivers Ed</li> <li>6. Essentials of Medical Diagnostic Careers</li> <li>7. World Language</li> <li>8. Elective</li> </ol>	<p><b>Grade 11</b></p> <ol style="list-style-type: none"> <li>1. English III</li> <li>2. Integrated Math III</li> <li>3. World Language</li> <li>4. US History</li> <li>5. Chemistry</li> <li>6. Clinical Laboratory Diagnostics</li> <li>7. Anatomy &amp; Physiology</li> <li>8. AP Biology</li> </ol>	<p><b>Grade 12</b></p> <ol style="list-style-type: none"> <li>1. English IV</li> <li>2. Statistics</li> <li>3. Diagnostics Services Technician (Phlebotomy &amp; EKG)</li> <li>4. AP Chemistry</li> <li>5. World Language</li> <li>6. Paramedical Science</li> <li>7. Forensics &amp; Evidence</li> <li>8. Elective and/or Clinical</li> </ol>
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### Additional Courses that relate to this major:

- Physics,
- Psychology,
- Sociology,
- Genetic Editing,
- Medical Ethics,
- EMT

### College Courses

- DTCC BIO 120 Anatomy & Physiology
- DTCC PSY 121 General Psychology
- DTCC ENG 101 Composition I

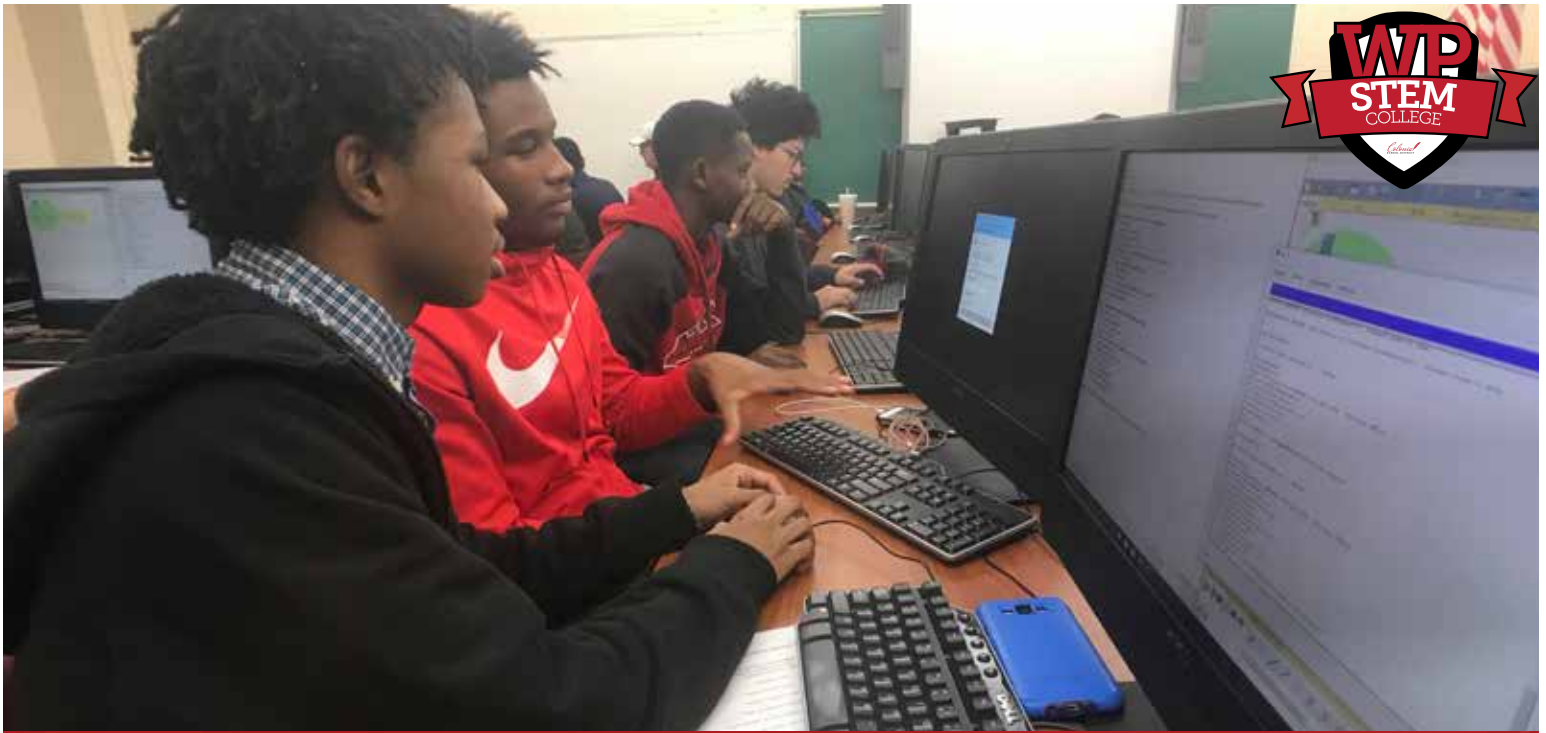
### Online Courses

- Biotechnology•
- Forensic Science I & II•
- Sports Medicine•
- Veterinary Science•
- Cultural Resilience

### After School:

- HOSA (Future Healthcare Professionals)





# COMPUTER SCIENCE



PennComputerScience

In today’s world, technology is much more than desktop computers. With smartphones, laptops, tablets, and the Internet of Things (IoT), it is easy to see that this field is quickly growing and changing! Students will train to become IT professionals, maintain computers and networks, and learn skills to keep professionals and corporations connected in a global economy. William Penn offers the State Model Program of Study: The Computer Science program of study allows students to learn the foundations of computer science with a focus on programming, abstraction, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Introduction to I.T.
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Exploring Computer Science
7. Marketing Essentials
8. World Language

### Grade 11

1. English III
2. Integrated Math III
3. Chemistry or Physics
4. US History
5. AP Computer Science Principles
6. Digital Media Essentials
7. Elective
8. Elective

### Grade 12

1. English IV
2. Statistics or AP Math course
3. Work Based Learning
4. Web Design and Development
5. Elective
6. A.P. Computer Science A
7. Elective
8. Elective

### Additional courses or electives that relate to this major:

- Business courses
- Engineering courses

### After School:

- VEX Robotics
- Water & Wastewater Management

### College Courses

- WU CTA 210 Intro to Technology
- WU SEC 290 Intro to Programming w/ Python
- WU VFP 101 Intro to Audio

### Online Courses:

- Digital Information Technology
- Foundations of Programming
- Cybersecurity 1a
- Applied Engineering 1a



# CONSTRUCTION



PennConstruction

The Construction major merges concepts of skilled trades and management where projects make connections between science, technology, engineering and math with real-world opportunities. An exciting, hands-on opportunity awaits students as they learn to create and analyze construction documents and build scale and life-sized prototypes. William Penn has partnered with the United Brotherhood of Carpenters Local. Students will take levels 2, 3 & 4 courses at the Innovation Technology Center at DTCC in New Castle. Students are encouraged to participate in ACE Mentoring program, a nationwide program designed to introduce students to a wide range of career opportunities including but not limited to architecture, engineering and more.

## RECOMMENDED PROGRAM OF STUDY

<p><b>Grade 9</b></p> <ol style="list-style-type: none"> <li>1. English I</li> <li>2. Integrated Math I</li> <li>3. Science I</li> <li>4. Geography/Civics</li> <li>5. Physical Education/Health</li> <li>6. Introduction to Craft Skills</li> <li>7. World Language</li> <li>8. Elective</li> </ol>	<p><b>Grade 10</b></p> <ol style="list-style-type: none"> <li>1. English II</li> <li>2. Integrated Math II</li> <li>3. Biology</li> <li>4. Economics</li> <li>5. Physical Ed/Drivers Ed</li> <li>6. Foundations of Construction*</li> <li>7. World Language</li> <li>8. Elective</li> </ol> <p>(* Articulated credit with DTCC)</p>	<p><b>Grade 11</b></p> <ol style="list-style-type: none"> <li>1. English III</li> <li>2. Integrated Math III</li> <li>3. Science course</li> <li>4. US History</li> <li>5. World Language</li> <li>6. Intro to Building Trades*</li> <li>7. Principals of Engineering</li> <li>8. Elective</li> </ol>	<p><b>Grade 12</b></p> <ol style="list-style-type: none"> <li>1. English IV</li> <li>2. Mathematics course</li> <li>3. Work Based Learning</li> <li>4. Engineering Design &amp; Development</li> <li>5. Advanced Building Trades*</li> <li>6. Elective</li> <li>7. Elective</li> <li>8. Elective</li> </ol>
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**College Courses:**

- DTCC ENG 101 Composition I•
- DTCC PSY 121 General Psychology•
- WU SOC 101 Sociology

**Online Courses:**

- Interior Design
- Intro to Manufacturing,
- Product Design, & Innovation•
- Applied Engineering 1a
- AP Microeconomics

**After School:**

Water & Wastewater Management



# MAINTENANCE MECHANIC

The Industrial Maintenance Mechanic degree program engages students in open-ended problem solving where they learn and apply manufacturing processes and use modern, industry-leading technology and software. The program prepares students for further education and careers in manufacturing. Students will take these courses with local industry professionals at the Innovation Tech Center at DTCC. Paid work-based learning experiences or Craftsmanship Placements will be available to students upon successful completion of the pathway. Craftsmanship Placements will be organized and supported by the Delaware Manufactures Association and by the Delaware Technical Community College.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Introduction to Craft Skills
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. DTCC MTECH 101 Intro to Mechanical Technology
7. World Language
8. Elective

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. World Language
6. DTCC MTECH 201 Electro-Mechanical Systems
7. Principals of Engineering
8. Elective

### Grade 12

1. English IV
2. Mathematics course
3. Work Based Learning
4. Engineering Design & Development
5. DTCC MTECH 301 Automation & Logic
6. Elective
7. Elective
8. Elective

### College Courses:

- DTCC ENG 101 Composition I
- DTCC PSY 121 General Psychology
- WU SOC 101 Sociology

### Online Courses:

- Interior Design
- Intro to Manufacturing,
- Product Design, & Innovation
- Applied Engineering 1a
- AP Microeconomics

### After School:

Water & Wastewater Management



# HVAC TECHNICIAN

The HVAC Technician degree program prepares students for further education and careers in commercial and large-scale refrigeration, cooling, heating and renewable energy. Core classes are completed on the campus of the Delaware Technical Community College at the Innovation Tech Center. Students will study Mechanical Technology, Heating and Climate Control processes and Refrigeration and Air Conditioning systems. Paid work-based learning experiences or Craftsmanship Placements will be available to students upon successful completion of the pathway. Craftsmanship Placements will be organized and supported by the Delaware Contractors Association and by the Delaware Technical Community College.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Introduction to Craft Skills
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. DTCC MTECH 101 Intro to Mechanical Technology
7. World Language
8. Elective

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. World Language
6. DTCC MTECH 202 Heating and Climate Control
7. Principals of Engineering
8. Elective

### Grade 12

1. English IV
2. Mathematics course
3. Work Based Learning
4. Engineering Design & Development
5. DTCC MTECH 302 Refrigeration & Air Conditioning
6. Elective
7. Elective
8. Elective

### Additional courses or electives that relate to this major:

- Marketing Essentials & other business courses
- Environmental Science courses
- Water & Wastewater Management

### Online Courses:

- Fashion and Interior Design
- Intro to Manufacturing, Product Design, & Innovation

**Certification:** OSHA 10-hour Construction Industry



# ENGINEERING

The focus of Engineering is to expose students to engineering standards through the design process, research, and data analysis. Students are given the opportunity to develop these skills and understand engineering concepts through Project Lead Their Way (PLTW). The exploration of various technology systems and manufacturing processes shows students how engineers use math, science and technology to solve problems to benefit people. This program prepares learners for post-secondary learning in all engineering fields or entry-level related careers in engineering technology. Starting their Junior year, These students are also eligible for the Manufacturing Program through DTCC. It is expected that engineering students take at least one AP class in both Math and Science. Students are encouraged to participate in ACE Mentoring Program, a nationwide program designed to introduce students to a wide range of career opportunities including but not limited to architecture, engineering and more.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Introduction to Engineering
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Principles of Engineering
7. World Language
8. AP Physics

### Grade 11

1. English III
2. Integrated Math III
3. Chemistry
4. US History
5. World Language
6. Computer Integrated Manufacturing
7. AP Physics II
8. Elective

### Grade 12

1. English IV
2. AP Mathematics course
3. Engineering Design & Development
4. Ind. Study in Engineering
5. Elective
6. AP Physics C
7. Elective
8. Elective

### College Courses:

- DTCC CHM 110 General Chemistry
- UD UAPP 110 Changing the World & Public Policy
- DSU ENGL 250 Storytelling for Social Change
- WU CTA 210 Intro to Technology

### Online Courses:

- Applied Engineering 1a
- Intro to Manufacturing, Product Design, & Innovation•
- Digital Information Technology
- Interior Design

### After School:

- Science Olympiad
- VEX Robotics
- Water & Wastewater Management



# HONORS SCIENCE

The Honors Science Program is for select students that want to explore a rigorous science pathway in Health Sciences or Physical Sciences during their high school years. These students are encouraged to complete Advanced Placement science courses during their 10th, 11th, and 12th grade years. There are two tracks available in this program. The Health Sciences Track supports students having an interest in medicine, nursing and or other health sciences. The Physical Science track provides support for students with an Engineering focus.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

- Honors Biology
- Integrated Math I Honors
- English I
- Integrated Math II
- Geography/Civics
- Physical Education/Health
- Natural Resources & Ecology
- World Language

### Grade 10

- English II
- Integrated Math III
- Economics
- Physical Ed/Drivers Ed
- World Language
- AP Physics I
- Chemistry Honors

### Grade 11

- English III
- Calculus
- US History
- World Language
- AP Chemistry
- AP Physics II
- Elective
- Elective

### Grade 12

- English IV
- AP Statistics
- AP Environmental Science
- AP Physics C
- Anatomy and Physiology
- Astronomy (online)
- Elective
- Elective

### Additional Courses that relate to this major:

- AP Physics I
- AP Physics II
- AP Physics C: Mechanics
- AP Chemistry • AP Biology
- AP Computer Science A
- AP Computer Science Principles

### After School:

- Penn Farm
- FFA
- Water & Wastewater Management

### College Courses:

- DTCC CHM 110 General Chemistry
- DTCC BIO 120 Anatomy & Physiology
- UD PLSC 100 Plant and Human Culture
- WU BIO 251 Biology I (w/ Lab)
- WU ENV 303 Climate Dynamics
- WU ENV 305 Earth & Space Science (w/ Lab);
- WU ENV 310 Environmental Science
- UD UAPP 110 Changing the World & Public Policy

### Online Courses:

- Anthropology I & II
- Astronomy
- Biotechnology
- Forensic Science I & II
- Marine Science
- Archaeology
- Applied Engineering 1a
- Sports Medicine
- Cultural Resilience
- Veterinary Science
- Philosophy Honors



# AIR FORCE JR ROTC



The Air Force JROTC program includes classes in Aerospace History, Science of Flight, Space Exploration and Global Studies. Students will receive each of these Aerospace Science courses on a rotating basis over four years along with four different courses in Leadership and Management. AFJROTC works to teach important skills and reinforce personal traits to help make students successful in life, no matter what type of career they choose after high school. Yearly activities include drones, remote control aircraft, and rocketry operations along with visits to aerospace museums and our local aerospace partners. The program supports leadership and citizenship through drill and ceremony and volunteerism opportunities. Students are required to wear a uniform once a week and participate in physical fitness drills. After school activities are provided to enhance and reinforce lessons learned.

**William Penn High School has developed a Partners in Education with Delaware State University that allows these students to gain actual flight experience to earn credits towards a pilot's license.**

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Air Force Jr ROTC I
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Air Force Jr ROTC II
7. World Religions & World Cultures
8. World Language

### Grade 11

1. English III
2. Integrated Math III
3. Chemistry or Physics
4. US History
5. Air Force Jr ROTC III
6. Military History & Elective
7. World Language
8. Elective

### Grade 12

1. English IV
2. Mathematics course
3. World History
4. Air Force Jr ROTC IV
5. Contemporary World Views
6. Elective
7. Elective
8. Elective

### Additional Courses that relate to this major:

- Psychology
- Sociology
- Criminal Justice
- Applied Legal Studies

### College Courses:

- WU CRJ 101 Criminal Justice
- WU CRJ 205 Criminology
- UD UAPP 100 Changing the World & Public Policy
- DTCC PSY 121 General Psychology
- WU SOC 101 Sociology
- DSU ENGL 250 Storytelling for Social Change
- WU HIS 300 World & Regional Geography

### Online Courses:

- Intro to Military Careers
- AP US Government & Politics
- Digital Information Technology
- Leadership Skills Development
- Social Problems I & II
- Cultural Resilience
- Applied Engineering 1a
- History of the Holocaust
- Cybersecurity 1a



# BUSINESS INFORMATION MANAGEMENT

This major provides students with an overview of Business Information Management and introduces students to the skills needed to plan, organize, direct, and evaluate business functions essential to efficient and productive business operations through courses focusing on entrepreneurship, global and domestic economics, information technology, customer service and ethics. Through our NAF Academy of Business Information Management, students gain critical career knowledge via a series of work-based learning activities that are conducted in school, as well as outside the classroom through internship opportunities. Completion of the program is validated with NAFtrack Certification, a student certification assessment system. This program lends itself towards careers such as general and operations managers, purchasing managers, business operation specialists, and computer information system managers.

***Business students also participate in the marketing, operation and management of the William Penn HS School Store.***

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Business Information Technology
7. World Language
8. Elective

### Additional Courses that relate to this major:

- World Cultures
- Sociology
- Contemporary World Views
- Journalism
- Psychology
- Statistics

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Global Business Economics
7. Psychology & Sociology
8. World Language

### College Courses:

- UD HOSP 180 Hospitality Business Management
- UD AGRI 217 Leadership & Communication in Ag
- WU BAC 101 Accounting I
- WU BBM 102 Intro to Business
- WU BMK 305 Marketing
- UD WOMS 201 Intro to Women's Studies

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. Entrepreneurship
6. Digital & Data Driven Marketing
7. Elective / World Language

### Grade 12

1. English IV
2. Mathematics course
3. Work Based Learning
4. World History
5. Applied Legal Studies
6. Elective
7. Elective
8. Elective

### Online Courses:

- Digital Information Technology•
- Fashion Design
- Interior Design
- Hospitality & Tourism
- Leadership Skills Development
- Professional Communication
- Cosmetology Business
- AP Microeconomics
- Intro to Social Media
- Intro to Women's Studies Film
- American Sign Language 1a & 1b
- Peer Counseling





# CULINARY ARTS



With the state's only Farm to School program, our exciting Culinary Arts program explores hospitality and restaurant management services from around the world that can transform students' passion for cuisine and turn creativity into careers. In our state-of-the-art educational restaurant-style kitchen, students will learn food and preparation skills, know how to operate a successful restaurant, and understand the importance of healthy living. Our culinary arts programs will give students every opportunity to prepare for advanced culinary programs and/or a successful career in the high-demand food industry as a Chef, Hotel and Restaurant Manager or Food and Nutrition Specialist.

**National Restaurant Association: Nutrition, Manage First, ProStart, & Serv Safe**

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Fundamentals of Culinary Arts
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Advanced Food Production
7. Marketing Essentials
8. World Language

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. Culinary & Hospitality Professional
6. Elective
7. Elective
8. Elective

### Grade 12

1. English IV
2. Mathematics course
3. Digital & Data Driven Marketing
4. Culinary Professional II
5. Penn Farm
6. Elective
7. Ind Study (Penn Bistro)
8. Elective

### Additional courses or electives that relate to this major:

- Business courses
- Introduction to Agriscience
- Plant Science
- Digital Communication courses
- Environmental Science courses

### After School:

Water & Wastewater Management

### College Courses:

- UD HOSP 180 Hospitality Business Management
- UD AGRI 217 Leadership & Communication in Ag
- UD PLSC 100 Plant & Human Culture
- UD GEOL 105 Geological Hazards;
- UD ANFS 102 Food for Thought
- WU BBM 102 Intro to Business
- WU UAPP 110 Changing the World & Public Policy
- WU HLT 321 Personal Wellness

### Online Courses:

- Hospitality & Tourism
- Intro to Social Media
- Biotechnology
- Professional Communication
- Social Problems I & II



# ACADEMY OF FINANCE



Academy of Finance

The Academy of Finance major provides students with authentic experiences through computerized accounting and banking to learn both personal and corporate finance. Our NAF Academy of Finance program engages students with the world of financial services by focusing on banking and credit, financial planning, accounting, and insurance. Students gain career knowledge through a series of work-based learning activities that are conducted in school and outside of the classroom through internship opportunities. Completion of the program is validated with a NAFTrack Certification, a student certification assessment system. This program introduces students to a wide array of careers such as personal financial advisor, tax preparation specialist, accountant, financial analyst, loan officer, account representative, insurance agent, and claims representative.

**Business students also participate in the marketing, operation and management of the William Penn HS School Store.**

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Fundamentals of Finance
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Principles of Accounting
7. World Language
8. Elective

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. Financial Services
6. World Language
7. Elective
8. Elective

### Grade 12

1. English IV
2. Mathematics course
3. Work Based Learning
4. Applied Legal Studies
5. A.P. Economics
6. Elective
7. Elective
8. Elective

### Certification:

- Quickbooks

### Additional courses or electives that relate to this major:

- Contemporary World Views
- World Cultures
- Sociology
- Journalism
- Psychology
- Statistics

### College Courses:

- UD HOSP 180 Hospitality Business Management
- UD AGRI 217 Leadership & Communication in Ag
- WU BAC 101 Accounting I
- WU BBM 102 Intro to Business
- WU ECO 105 Fundamentals of Economics
- WU MAT 205 Survey of Mathematics

### Online Courses:

- AP Microeconomics
- Cosmetology Business
- Digital Information Technology
- Fashion Design
- Interior Design • Hospitality & Tourism
- Professional Communication
- Intro to Social Media
- Cybersecurity 1a



# MARKETING

The Marketing major prepares students to perform functions and tasks related to sales and retail, with an emphasis on examining marketing communications and retail sales. Our marketing program is evolving within the digital age to include how companies can be successful by implementing digital marketing strategies. Topics include the elements of economics, products and services, laws governing business in the U.S, ethical behavior, consumer and staff relationships, channel distribution and communications strategies. The program is designed to prepare students for a college major in marketing or employment in various sales, customer service, and/or first-line supervisory positions in wholesale, retail and service establishments.

**Marketing students also participate in the marketing of the William Penn HS School Store.**

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Marketing Essentials
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Digital & Data Driven Marketing
7. World Language
8. Elective

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. Entrepreneurial & Corporate Marketing
6. World Language
7. Elective
8. Elective

### Grade 12

1. English IV
2. Mathematics course
3. Digital Communication course
4. Applied Legal Studies
5. Work Based Learning
6. Elective
7. Elective
8. Elective

### Additional courses or electives that relate to this major:

- Psychology
- Sociology
- Journalism
- Creative Writing
- Digital Media courses
- World Religions
- World Cultures
- Contemporary World Views
- Statistics

### College Courses:

- UD HOSP 180 Hospitality Business Management
- UD AGRI 217 Leadership & Communication in Ag
- WU BBM 102 Intro to Business
- WU BMK 305 Marketing
- UD ART 204 Media/Design/Culture
- UD COMM 245 Media & Society
- UD WOMS 201 Intro to Women's Studies
- WU DSN 235 Vector Drawing
- WU ECO 105 Fund. of Economics
- WU TEC 215 Basic Photo Techniques
- UD ANFS 102 Food for Thought

### Online Courses:

- AP Microeconomics
- Fashion Design
- Interior Design
- Intro to Social Media
- Art in World Cultures
- Leadership Skills Development
- Cosmetology Business
- Hospitality & Tourism
- Intro to Women's Studies Film



# BEHAVIORAL SCIENCE

The Behavioral Science major will increase your understanding of individual, group and societal behaviors by examining origins of current societal issues and strategies for improvement. Concentrations provide in-depth focus and connection among Psychology, Sociology and Criminal Justice and create a foundation for related post-secondary studies and entry-level careers.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Human Development
7. World Language or Elective
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Introduction to Legal Studies
7. Elective
8. World Language

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. Psychology & Sociology
6. World Cultures/World Religions
7. Anatomy & Physiology
8. Elective

### Grade 12

1. English IV
2. Statistics
3. Forensics Evidence
4. Contemporary World Views
5. World History (CP or AP)
6. A.P. Psychology
7. Elective
8. Elective

### Additional courses or electives that relate to this major:

- AP Human Geography
- Marketing courses
- Paramedical Science
- African American Studies

### College Courses:

- DTCC PSY 121 General Psychology
- WU CRJ 101 Criminal Justice
- WU CRJ 205 Criminology
- DSU ENGL 250 Storytelling for Social Change
- UD UAPP 110 Changing the World & Public Policy
- WU SOC 101 Sociology
- UD WOMS 201 Intro to Women's Studies

### Online Courses:

- Anthropology I & II
- Archaeology
- Philosophy Honors
- Social Problems I & II
- Peer Counseling
- Forensic Science I & II
- AP US Government & Politics
- Cultural Resilience
- American Sign Language 1a & 1b
- Intro to Women's Studies through Film
- History of the Holocaust



# DIGITAL COMMUNICATIONS



This major is designed for students who are interested in combining communication skills, digital technology and creativity. Communication majors will be immersed in consumer driven activities using 21st Century technology and software programs to design digital products and address a wide variety of media needs and concerns. William Penn offers two different pathways: Digital Media & Digital Communications (Graphic Design)

### Certifications:

Adobe certifications:  
 Photoshop, Illustrator, InDesign  
 Certipro: Adobe Dreamweaver  
 Certipro: Adobe Premiere Pro;  
 Web Design and Development &  
 Video Production.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Communication or Media (Level 1)
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Journalism I
7. Communication or Media (Level 2)
8. World Language

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. Communication or Media (Level 3)
6. Journalism II
7. Marketing Essentials
8. Elective

### Grade 12

1. English IV
2. Mathematics class
3. Creative Writing
4. Penn Publications
5. World History
6. Elective
7. Elective
8. Elective

### Additional courses or electives that relate to this major:

- Marketing
- Art Design (Levels I, II, III)
- Legal Studies courses
- Penn Publications
- DTCC ENG101 Composition I

### College Courses

- DTCC ENG 101 Composition I
- DSU ENGL 250 Storytelling for Social
- UD ART 204 Media/Design/Culture
- UD COMM 245 Media & Society
- WU VFP 100 Cinematography
- WU VFP 101 Intro to Audio
- WU TEC 215 Basic Photo Techniques
- UD UAPP 110 Changing the World & Public Policy
- UD ENGL 151 Studies in Popular Fiction
- WU BMK 305 Marketing

### Online Courses:

- Intro to Women's Studies through Film
- Professional Communication
- Art in World Cultures
- Intro to Social Media
- Mythology & Folklore
- Philosophy Honors
- Social Problems I & II
- Digital Information Technology

### After School:

- Penn Media

Below are recommended courses for each Communications' pathways. Communication majors are encouraged to take as many of the Communication courses that are offered for a balanced curriculum and transcript.

### **WP MEDIA Pathway**

The WP Media curriculum teaches students how to use a comprehensive 21st century digital media communication and design tools for the web similar to the Graphic Arts print curriculum and Penn Publications. With the help of advisors, successful professionals in the industry, this curriculum has been developed to not only prepare students for college, but also explore and consider entrepreneurship. The purpose in all of this, is to help the students build their brand and "Tell Their Story" across web, social media and video. This also opens opportunities for the students to do the same for potential clients and employers.

Courses:

- *Digital Media Essentials (Level 1)*
- *Web Design and Development (Level 2)*
- *Video Production & Special Effects (Level 3)*
- *Communication, Technology, Research & Development (Level 4)*



### **Digital Communication Technology Pathway**

The Digital Communication Technology (DCT) program of study is a three course instructional program of study that requires students to apply the skills and tools of digital designers used in graphic design, pixel-based imagery manipulation, HTML coding, digital video production, vector image manipulation, digital illustration, and digital publishing. Students utilize strategies to solve open-ended problems while learning how to apply technical skills, creative skills, industry knowledge, documentation techniques, and processes using modern, industry-leading technology and software. Client-based learning experiences and industry-mentored projects introduce students to a wide array of related careers in public relations, marketing, web and digital communications and printing.

Courses:

- *Foundations of Digital Design (Level 1)*
- *Processes of Digital Design (Level 2)*
- *Applications of Digital Design (Level 3)*
- *Penn Publications (WBL)*





# INTERNATIONAL STUDIES

In the International Studies program, students are concerned about major political, economic, social, and cultural issues that dominate the media and the international agenda. Students will explore various regions of the World• exploring languages, cultures and religions of the different people groups. Concentrations include International Politics, Homeland Security, World History, Cultures, Religions and Geography, Economics, World Languages, and Global Studies. Students study interdisciplinary concentrations which will prepare them for future studies at the university level. Careers in government, diplomacy, and humanitarian organizations value students with strong international studies backgrounds. \*Honors students will take AP Human Geography their freshman year, along with a semester of Civics and a semester elective.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. World Cultures & World Religions
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Military History & Sociology
7. World Language
8. Elective

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. World Language
6. Applied Legal Studies
7. African American Studies
8. Elective

### Grade 12

1. English IV
2. Mathematics class
3. A.P. Macro Economics
4. World Language
5. World History (CP or AP)
6. Contemporary World Views
7. Elective
8. Elective

### Additional courses or electives that relate to this major:

- Psychology (CP or AP)
- Jr ROTC
- Computer Science (for Homeland Security)
- WU CRJ 101 Criminal Justice

### College Courses:

- DTCC PSY 121 General Psychology
- DSU ENGL 250 Storytelling for Social Change
- UD UAPP 110 Changing the World & Public Policy
- WU SOC 101 Sociology
- UD COMM 245 Media & Society
- WU ECO 105 Fundamentals of Economics
- UD ANFS 102 Food for Thought

### Online Courses

- AP Microeconomics
- Art in World Culture
- American Sign Lang 1a & 1b
- AP US Gvmt & Politics
- Mythology & Folklore
- Philosophy Honors
- Biotechnology
- Intro to Social Media
- Anthropology I & II
- Cultural Resilience
- Professional Comm
- Hospitality & Tourism
- Cybersecurity 1a
- Social Problems I & II
- History of the Holocaust
- Peer Counseling



# LEGAL & PUBLIC SERVICES

Students majoring in Legal and Public Services acquire a precursory to intermediate knowledge of the United States legal system. The courses in this major will provide an informational platform that will enable students to gain a critical understanding of the United States Legal System, legal actions and procedure as well as the impact those included factors have on our society. This program focuses on application of the law in the areas of Civil Law, Constitutional Law, and Criminal Law using both significant historical and modern day cases. Forensics evidence is explored developing an understanding of evidentiary procedures as well as using current law enforcement techniques. This major is valuable to students who may choose to study criminal justice in college and/or pursue a law-related career. Potential college majors and concentrations using this content in this major may include Criminal Justice, Forensics, Pre-law, Paralegal Studies and Law Enforcement.

## RECOMMENDED PROGRAM OF STUDY

<p><b>Grade 9</b></p> <ol style="list-style-type: none"> <li>1. English I</li> <li>2. Integrated Math I</li> <li>3. Science I</li> <li>4. Geography/Civics, Honors Geography/Civics, or AP Geography</li> <li>5. Physical Education/Health</li> <li>6. Introduction to Legal and Public Services</li> <li>7. World Language or Elective</li> <li>8. Elective</li> </ol>	<p><b>Grade 10</b></p> <ol style="list-style-type: none"> <li>1. English II</li> <li>2. Integrated Math II</li> <li>3. Biology</li> <li>4. Economics</li> <li>5. Physical Ed/Drivers Ed</li> <li>6. Sociology (Fall) &amp; WU CRJ 101 Criminal Justice* (Spring)</li> <li>7. World Language</li> <li>8. Elective</li> </ol>	<p><b>Grade 11</b></p> <ol style="list-style-type: none"> <li>1. English III</li> <li>2. Integrated Math III</li> <li>3. Science course</li> <li>4. US History</li> <li>5. World Language</li> <li>6. Forensics &amp; Evidence</li> <li>7. Psychology (Spring)</li> <li>8. Elective</li> </ol>	<p><b>Grade 12</b></p> <ol style="list-style-type: none"> <li>1. English IV or DTCC ENG 101 Composition I*</li> <li>2. Mathematics class</li> <li>3. Military History &amp; Elective</li> <li>4. Applied Legal and Public Services</li> <li>5. WU CRJ Level III* &amp; Elective</li> <li>6. US History (CP or AP)</li> <li>7. Contemporary World Views</li> <li>8. Elective</li> </ol>
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**Additional courses or electives that relate to this major:**

- Psychology (H or AP)
- Jr ROTC
- Computer Science (for Homeland Security)

**College Courses:**

- WU CRJ 206 Corrections & Rehabilitation
- WU CRJ 304 Constitutional Law
- DTCC PSY 121 General Psychology
- DSU ENGL 250 Storytelling for Social Change
- UD UAPP 110 Changing the World & Public Policy
- UD COMM 245 Media & Society
- UD WOMS 201 Intro to Women's Studies
- WU SOC 101 Sociology

**Online Courses**

- AP US Gov & Politics
- Anthropology I & II
- Social Problems I & II
- Intro to Women's Studies
- Peer Counseling
- Professional Comm
- Cultural Resilience
- Intro to Military Careers
- Forensic Science I & II
- Cybersecurity
- History of the Holocaust
- Philosophy Honors
- Leadership Skills Dvlprmt
- Digital Infor Technology





# TEACHER ACADEMY: EARLY CHILDHOOD



PennTeacher Academy

The Teacher Academy is aimed at attracting and developing future teachers. Our program will focus on two tracks, Early Childhood Education and K–12 Education. The program takes a multi-faceted approach to examining the teaching profession that includes unique field experiences (partnering with Colonial schools) and membership in Educators Rising. Coursework explores various topics including human growth and development; teaching methods, techniques and best practices• the history of education and its social impact; and current trends in the profession. Students also have the opportunity to complete a practicum similar to student teaching their senior year. Best practices are modeled in all aspects of the program, especially those aimed at high-needs students and students of diverse backgrounds. Students who are part of WP Teaching Academy discover teaching as a challenging and rewarding profession and build a foundation to continue post-secondary education studies. As a member of Educators Rising, students have the opportunity to participate in various events to enhance their experience in the education field, including participation in school planned events as well as the annual state competition and conference.

*Students will have the opportunity to sit for*

- CPR/First Aid/AED
- Early Childhood Praxis

## EARLY CHILDHOOD RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Human Growth & Development
7. World Language
8. Elective

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Psychology & Sociology
7. Early Childhood as a Profession
8. World Language

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. Curriculum & Instruction in Early Childhood
6. World Language
7. Elective
8. Elective

### Grade 12

1. English IV
2. Mathematics
3. World Language
4. Teacher Academy I (Practicum)
5. Ind Study (Colonial Schools)
6. Elective
7. Elective
8. Elective

### Additional Courses that relate to this major:

- Psychology (AP or College)
- World Religions
- World Cultures

### College Courses:

- DTCC PSY 121 General Psych
- UD UAPP 110 Changing the World
- UD ENGL 151 Studies in Popular Fiction Studies
- UD ART 204 Media/Design/Culture
- WU SOC 101 Sociology
- DSU ENGL 250 Storytelling for Social Change
- UD COMM 245 Media & Society
- DTCC ENG 101 Composition I
- UD WOMS 201 Intro to Women's

### Online Courses:

- Real World Parenting
- Leadership Skills Development
- Social Problems I & II
- Critical Thinking & Study Skills
- Peer Counseling
- Philosophy Honors
- Intro to Women's Studies through Film
- American Sign Language 1a & 1b
- Professional Communication
- Cultural Resilience
- Intro to Social Media
- AP US Government & Politics



# TEACHER ACADEMY: K-12



Penn Teacher Academy

The Teacher Academy is aimed at attracting and developing future teachers. Our program will focus on two tracks, Early Childhood Education and K–12 Education. The program takes a multi-faceted approach to examining the teaching profession that includes unique field experiences (partnering with Colonial schools) and membership in Educators Rising. Coursework explores various topics including human growth and development• teaching methods, techniques and best practices• the history of education and its social impact• and current trends in the profession. Students also have the opportunity to complete a practicum similar to student teaching their senior year. Best practices are modeled in all aspects of the program, especially those aimed at high-needs students and students of diverse backgrounds. Students who are part of the WP Teacher Academy discover teaching as a challenging and rewarding profession and build a foundation to continue post-secondary education studies. As a member of Educators Rising, students have the opportunity to participate in various events to enhance their experience in the education field, including participation in school planned events as well as the annual state competition and conference.

*Students will have the opportunity to sit for the Para Pro exam*

## K-12 RECOMMENDED PROGRAM OF STUDY

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
1. English I	1. English II	1. English III	1. English IV
2. Integrated Math I	2. Integrated Math II	2. Integrated Math III	2. Mathematics class
3. Science I	3. Biology	3. Science course	3. World Language
4. Geography/Civics	4. Economics	4. US History	4. The Teacher Academy I (Practicum)
5. Physical Education/Health	5. Physical Ed/Drivers Ed	5. Curriculum & Instruction	5. Ind Study (Colonial Schools)
6. Human Growth & Development	6. Psychology & Sociology	6. World Language	6. Elective
7. World Language	7. Teaching as a Profession	7. Elective	7. Elective
8. Elective	8. World Language	8. Elective	8. Elective

### Additional Courses that relate to this major:

- Psychology (AP or College)
- World Religions
- World Cultures

### College Courses:

- DTCC PSY 121 General Psych
- WU SOC 101 Sociology
- DTCC ENG 101 Composition I
- UD UAPP 110 Changing the World
- DSU ENGL 250 Storytelling for Social Change
- UD WOMS 201 Intro to Women's Studies
- UD ENGL 151 Studies in Popular Fiction Studies
- UD COMM 245 Media & Society
- UD ART 204 Media/Design/Culture

### Online Courses:

- Real World Parenting
- Peer Counseling
- Professional Communication
- Leadership Skills Development
- Philosophy Honors
- Cultural Resilience
- Social Problems I & II
- Intro to Women's Studies through Film
- Intro to Social Media
- Critical Thinking & Study Skills
- American Sign Language 1a & 1b
- AP US Government & Politics



Penn Players

WPMUSIC

# VISUAL & PERFORMING ARTS

Students who choose the Visual and Performing Arts (VPA) degree program will explore and develop their talents in fine arts, instrumental music, vocal music, and theater. Seasonal in-house productions, stagecraft, fine art shows, concerts, and recitals take center stage under the guidance of our talented staff and trained professionals. In addition to participating in and organizing department events, students will be exposed to the Arts throughout the community and various professional settings, such as University concerts, Broadway productions, and more! Specialized coursework, individualized lessons, and collaborative experiences prepare students for launching their own artistic college experience and career. Course selection should be geared towards at least one of the following concentrations: Fine Arts, Instrumental Music, Vocal Music, and Theater.

## RECOMMENDED PROGRAM OF STUDY

### Grade 9

1. English I
2. Integrated Math I
3. Science I
4. Geography/Civics
5. Physical Education/Health
6. Level I VPA Class
7. World Language
8. Elective

### Extra-Curricular Music

- Marching Band
- Winter (indoor) Guard
- Women's Choir

### Grade 10

1. English II
2. Integrated Math II
3. Biology
4. Economics
5. Physical Ed/Drivers Ed
6. Elective
7. VPA Class
8. World Language

- Jazz Ensembles
- Little Big Band
- Penn Players

### Grade 11

1. English III
2. Integrated Math III
3. Science course
4. US History
5. VPA Class
6. World Language
7. Elective
8. Elective

- Brass Choir
- Gospel Choir
- Music Lab
- Sax Studio
- Soloists Instruction/The Voice
- Jazz Choir

### Grade 12

1. English IV
2. Mathematics class
3. World History
4. VPA Class
5. Elective
6. Elective
7. Elective
8. Elective

- Winter (indoor) Percussion
- Tri-M Music Honors Society

### College Courses:

- WU MUS 101 Music Appreciation
- UD COMM 245 Media & Society
- WU DSN 235 Vector Drawing
- WU VFP 100 Camera & Cinematography
- UD ART 204 Media/Design/Culture
- UD ENGL 151 Studies in Popular Fiction
- WU VFP 101 Intro to Audio
- UD WOMS 201 Intro Women's Studies
- DSU ENGL 250 Storytelling for Change

### Online Courses:

- Art in World Cultures
- Intro to Social Media
- Philosophy Honors
- Cosmetology Business
- Fashion Design
- Mythology & Folklore
- American Sign Language 1a & 1b
- Cultural Resilience
- Interior Design
- Intro to Women's Studies through Film
- Applied Engineering 1a
- Hospitality & Tourism

# Courses for each of our VPA programs



## INSTRUMENTAL MUSIC

### 9TH GRADE

- Theory and Ear Training
- Concert Band (Beginning Level)

### 10TH GRADE

- Wind Ensemble (Advanced Level)
- Intro to Piano (1/2 Credit)
- Intro to Guitar (1/2 Credit)

### 11TH GRADE

- Wind Ensemble (Advanced Level)
- Music Production & Industry

### 12TH GRADE

- Wind Ensemble (Advanced Level)
- Independent Music Study
- AP Music Theory
- Elective: Advanced Piano, Advanced Guitar, Intro to Steel Drums, or Advanced Steel Drums

### AFTER SCHOOL:

- Marching Band
- Jazz Ensembles
- Penn Players Pit Orchestra
- Indoor Percussion & Guard
- Brass Choir
- Sax Studio



## FINE ART

- Introduction to Art (Nonmajors)
- Art Design I (Art Majors & Minors)
- Art Design II
- Art Design III
- Studio Art Portfolio
- AP Studio Art: Design & Drawing

### AFTER SCHOOL:

- Penn Players
- Stage Crew
- Penn Studio Scholarship



## VOCAL MUSIC

### 9TH GRADE

- Theory and Ear Training
- Beginning Chorus (level I)

### 10TH GRADE

- Concert Choir (level II)
- Intro to Piano (1/2 Credit)
- Intro to Guitar (1/2 Credit)
- Select Ensemble

### 11TH GRADE

- Concert Choir/Select Ensemble (level III)
- Music Production & Industry (1/2 Credit)
- Select Ensemble

### 12TH GRADE

- Concert Choir/Select Ensemble (level IV)
- Independent Music Study
- AP Music Theory
- Elective: Advanced Piano, Advanced Guitar, Intro to Steel Drums, or Advanced Steel Drums

### AFTER SCHOOL:

- Penn Players
- Gospel Choir



## THEATRE

- Introduction to Theatre
- Theater Production II
- Theater Production III

### AFTER SCHOOL:

- Penn Players
- Stage Crew

# Advanced Placement Courses



**William Penn High School is proud to offer the largest number of Advanced Placement courses amongst area high schools.**

The AP curriculum, administered by The College Board, consists of standardized high school courses that are roughly equivalent to undergraduate college courses. After completing an AP class, students typically take the AP exam in that subject, which can earn them college credits and accelerated placement in college. AP Exams are usually administered during the first two weeks of May.



## ADVANCED PLACEMENT COURSES

Course Title	Level	Department
AP English Language	AP	Language Arts
AP English Literature	AP	Language Arts
AP Calculus AB	AP	Math
AP Calculus BC	AP	Math
AP Statistics	AP	Math
AP Biology	AP	Science
AP Chemistry	AP	Science
AP Environmental Science	AP	Science
AP Physics	AP	Science
AP Physics II	AP	Science
AP Physics C (Mechanics)	AP	Science
AP Human Geography	AP	Social Studies
AP MacroEconomics	AP	Social Studies
AP MicroEconomics (Online)	AP	Social Studies
AP Psychology	AP	Social Studies
AP Modern World History	AP	Social Studies
AP US Gov & Politics (Online)	AP	Social Studies
AP US History	AP	Social Studies
AP Computer Science A	AP	Technology Sciences
AP Computer Science Principles	AP	Technology Sciences
AP Music Theory	AP	VPA
AP Studio Art / 2D Art & Design	AP	VPA

# Work Based Learning

## WHAT IS WORK-BASED LEARNING?

Work-Based Learning (WBL) is an instructional approach to strengthen college and career readiness for students, connecting schools to businesses and community partners. These experiences allow students to learn about work (awareness), learn through work (exploration), and learn for work (immersion). WBL integrates classroom learning with interactions from local industry and business partners to help students make direct connections between their degree program studies and future careers. WBL activities develop and strengthen both technical skills and employability skills in preparation for post-secondary education and employment as a young adult.

## WHAT IS WORKFORCE READINESS CURRICULUM?

WBL curriculum is a sequence of standards & activities that starts with career awareness and exploration activities, then progresses into a more in-depth immersion experience that includes hands-on learning in a work place environment. Through a meaningful work experience aligned to the student's degree program of study, students deepen interpersonal and professional skills necessary to successfully pursue postsecondary education, training, and career goals.

## HOW DO I ENROLL?



William Penn High School has created an immersion-experience 1-credit course for eligible students. This immersion arrangement allows 11th and 12th graders to work in industry while completing their high school graduation requirements. Enrolled students are expected to participate in work experiences that are related to their degree program and complete course requirement connected to employability curriculum standards. The school will also seek potential employers that will make the necessary accommodations to meet student's IEP or 504 plans.

**To learn more about this course,  
contact our WBL Coordinator:  
Anna Morgan ([anna.morgan@colonial.k12.de.us](mailto:anna.morgan@colonial.k12.de.us))•  
Office S2 @ William Penn High School**

# Distance Learning

For further information contact Sarah Cuje via email at [sarah.cuje@colonial.k12.de.us](mailto:sarah.cuje@colonial.k12.de.us), call 302-323-2800 x5200, or visit [www.penninnovation.com](http://www.penninnovation.com).

William Penn High School offers a wide variety of online courses to earn high school, elective credits. These courses supplement our different degree programs, offering our students additional opportunities to learn about what interests them. Our Distance Learning Program encourages freedom and flexibility and empowers students to experience personalized learning beyond our classroom walls. Similar to current college experiences, our courses prepare students to manage their own time, work at their own pace, and take ownership of their learning as they work independently with the support of Colonial instructors.

Students with 2.5+ GPA, or who have completed the "Readiness Course," are eligible for Distance Learning. These courses need pre-approval from your student counselor and Sarah Cuje. Once approved, the registration is processed in the Innovation Center. Course content is provided through Florida Virtual School & eDynamic Learning web-based programs, using Schoology as the learning management system.

Note: Courses may be canceled due to low enrollment.

## ADVANCED PLACEMENT (FULL YEAR): ONE FULL CREDIT

### AP US Government and Politics

Research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. You will experience the production of policy building in multiple economic and social settings.

### AP Microeconomics

By taking on the role of a leader at a fictitious company, you will learn fundamental economic concepts, including scarcity, opportunity costs and trade-offs, productivity, economic systems and institutions, exchange, money, and interdependence.



# Distance Learning

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## ONE HIGH SCHOOL CREDIT COURSES (FULL YEAR):

### **Art in World Cultures**

Who is the greatest artist of all time? You will learn about some of the greatest artists while also creating art of your own, including digital art. We will explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art. Astronomy Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce you to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe.

### **Cosmetology: Business of Owning a Salon**

Cutting Edge Styles: You will explore career options in the field of cosmetology. Research into some of the common techniques used in caring for hair, nails, and skin in salons, spas, and other Cosmetology-related businesses will also be presented.

### **Digital Information Technology**

Diving into this exciting course provides you with the foundational skills needed for future careers in game development, web design, software engineering and even military defense. You'll explore Microsoft Office online applications, digital design, emerging technologies, operating systems, and much more! Learn your strengths and how they relate to potential career opportunities. This course serves as a prerequisite to many career and technical education programs of study.

### **Foundations of Programming (Python)**

Learn the skills required to be competitive in today's high tech workforce. This course covers the fundamentals of programming using the computer language Python. It provides you with the concepts, techniques, and processes associated with computer programming and software development. You'll also explore the vast programming career opportunities available in this high-demand field. This course is part of a program of study that provides coherent and rigorous content needed for progression in the Information Technology career cluster.

### **Leadership Skills Development One**

Succeed in high school, college, and beyond by taking your future into your own hands. In this two-semester course, you will learn how to take action, manage your time, chart your goals, and many other leadership techniques.

### **Marine Science**

Delve deeply into Earth's bodies of water and study geologic structures and how they impact the oceans. Investigate characteristics of various populations of aquatic life, patterns of distribution, and ongoing changes occurring in our ecosystem.

### **Philosophy Honors**

Philosophy is designed for students to explore how Philosophy changed the world and continues to guide how people think. The course starts with an introduction to what Philosophy consists of in Western and Eastern Cultures. There is an exploration of philosophical thought by looking at the major themes Philosophers debated and continuing the debate. Themes include: Ethics, Metaphysics, Epistemology (study of knowledge), Logic, and Rhetoric. Students are expected to analyze philosophical writings and reflect on their importance in today's society. Students are encouraged to develop their own Philosophy of the world and expand it as they encounter new ways of thinking about the world. The course will conclude with each student developing their own Philosophical Contention and defending their thoughts in a public presentation. The defense should include supportive research from the resources provided as well as the student's own outside research. The course includes face-to-face meetings on a regular basis.



# Distance Learning

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## HALF CREDIT HIGH SCHOOL ELECTIVES (FALL SEMESTER): HALF CREDIT

### **American Sign Language 1a**

Did you know that American Sign Language (ASL) is the third most commonly used language in North America? Learn introductory vocabulary and simple sentences so that you can start communicating right away. Importantly, explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness.

### **Applied Engineering 1a**

Discover how technology has changed the world around us by pursuing technological solutions to everyday problems. While using scientific and engineering methods, learn how electricity, electronic systems, magnets, and circuits work. Understand the design process and bring your ideas to life. Explore how engineering advances your ideas and the world!

### **Anthropology I**

The aim of anthropology is to use a broad approach to gain an understanding of our past, present and future, and in addition address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time.

### **Archaeology**

The field of archeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on this techniques, methods, and theories that guide the study of the past. You will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved.

### **Astronomy**

Exploring the Universe: Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce you to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe.

### **Critical Thinking and Study Skills**

Increase your success in high school and beyond by learning proven study techniques and test-taking skills. This half-credit course teaches the ACE test-taking method to increase scores on key tests such as the ACT, SAT, and tests for graduation. Throughout the course, Mawi Asgedom, a Harvard graduate who was the first in his family to attend college, will coach you. Mawi is a student success expert who has trained more than a million students.

### **Cultural Resilience**

In this course, we will explore how people in other times and places have experienced cultural catastrophe and devastation. Our focus will be on cultural resilience and how people demonstrate the greatest acts of humanity even after experiencing traumatic events. We begin by examining what culture is, how it was created, and how culture is ever changing. As we move further into our lessons, you will be tasked with reading about and listening to the voices most affected by cultural catastrophe in times of war, genocide, migration, terrorism, and slavery. How have groups of people endured such atrocities and how have these cultures thrived in the aftermath?

### **Cybersecurity 1a**

We depend more on the technologies we interact with every day• and we put more and more of our personal data out there online. Can all of that data really be kept “secret”? Learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. Dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

### **Fashion Design**

Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating!

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## HALF CREDIT HIGH SCHOOL ELECTIVES (FALL SEMESTER): HALF CREDIT

### **Forensic Science I: Secrets of the Dead**

Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, you will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

### **High School Career Discovery**

Your future career is likely something you've dreamed about since you were a child. Now it's time to turn that dream into a reality! In this course, you will explore your own strengths, interests, and preferences and use that information to uncover the best career for you! You will explore 17 career clusters, learn about the skills needed to work in different industries, and choose a path to pursue. You'll build a plan to get you from high school to your first day on the job, and craft a strong portfolio to land your perfect job. You've dreamed about your future career. Now it's time to create a plan and turn that dream into a goal!

### **History of Holocaust**

In this course, you will study the history of anti-Semitism• the rise of the Nazi party• and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics.

### **Introduction to Military Careers**

In this course, you will not only learn about the five military branches- Air Force, Army, Coast Guard, Marines Corps, and Navy- but also have the chance to examine which job you might like to pursue in any of these areas. From aviation, to medicine, to law enforcement, to dentistry, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.

### **Introduction to Social Media**

In this course, you'll learn the ins and outs of social media platforms such as Facebook, Twitter, Pinterest, Google+, and more. You'll also discover other types of social media you may not have been aware of and how to use them for your benefit—personally, academically, and eventually professionally as well.

### **Real World Parenting**

Learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course.

### **Social Problems I**

You will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. You will not only learn more about how social problems affect you personally, but begin to develop the skills necessary to help make a difference in your own life and community, not to mention globally.

### **Veterinary Science: The Care of Animals**

Whether you want to step into the wild side of veterinary medicine or just take care of loveable dogs and cats, explore how to care for domestic, farm, and wild animals, diagnose their common diseases and ailments, and learn about different veterinary treatments. If you have always been drawn to the world of our furry, scaly, and feathered friends, this is the course for you!

# Distance Learning

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## HALF CREDIT HIGH SCHOOL ELECTIVES (SPRING SEMESTER):

### **American Sign Language 1b**

The predominant sign language of Deaf communities in the United States, American Sign Language, is complex and robust. Discover more of this language and its grammatical structures through expanding your vocabulary with acquiring hundreds of new signs. Additionally, explore interesting topics like Deaf education and Deaf arts and culture, and learn about careers where you can use your ASL skills.

### **Anthropology II**

Anthropology has helped us better understand cultures around the world and through different time period. This course continues the study of global cultures and the ways that humans have made sense of their world. We will examine some of the ways that cultures have understood and gave meaning to different stages of life and death.

\*Prerequisite: Anthropology I

### **Biotechnology: Unlocking Nature's Secret**

In today's world, biotechnology helps us grow food, fight diseases, and create alternative fuels. In this course, you will explore the science behind biotechnology and how this science is being used to solve medical and environmental problems.

### **College and Career Readiness**

This course will show you how to prepare for, get accepted to, and pay for college. You will explore different career and education pathways, study interview techniques and networking tips, create smart resumes, and learn how to plan for a successful future. Throughout the course you will be coached by Mawi Asgedom, a Harvard graduate and a student leadership expert who has trained more than a million students. Opportunity is knocking. Are you ready?

### **Cultural Resilience**

In this course, we will explore how people in other times and places have experienced cultural catastrophe and devastation. Our focus will be on cultural resilience and how people demonstrate the greatest acts of humanity even after experiencing traumatic events. We begin by examining what culture is, how it was created, and how culture is ever changing. As we move further into our lessons, you will be tasked with reading about and listening to the voices most affected by cultural catastrophe in times of war, genocide, migration, terrorism, and slavery. How have groups of people endured such atrocities and how have these cultures thrived in the aftermath?

### **Forensic Science II: More Secrets of the Dead**

The best way to battle crime these days is not with a weapon, but with science. Dig deeper into the science of forensics and the basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology. Find out how scientists use everything from insects to bones to help them solve crimes. And discover how advanced techniques and technology can lead to catching even the craftiest criminal.

### **Hospitality and Tourism**

This course will introduce you to the hospitality & tourism industry, including hotel & restaurant management, cruise ships, spas, resorts, theme parks, & other areas. You will learn about key hospitality issues, development & management of tourist locations, event planning, marketing, & environmental issues related to leisure & travel.

### **Interior Design**

Do you have a flair for designing and decorating? If so, then let's learn how to turn your interests and skills into a career. Explore color, texture, trends, and styles over time, how homes are built, and "green" options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily.

# Distance Learning

## HALF CREDIT HIGH SCHOOL ELECTIVES (SPRING SEMESTER):

### **Introduction to Manufacturing, Product Design & Innovation**

In this course, you'll learn about the types of manufacturing systems and processes used to create the products we buy every day. You'll also be introduced to the various career opportunities in the manufacturing industry including those for engineers, technicians, and supervisors.

### **Introduction to Women's Studies: A Personal Journey Through Film**

Break down stereotypes and learn about feminism and the women's movement. Learn to critically examine films while learning about the history of the women's movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, "History is Herstory too."

### **Mythology and Folklore**

Beginning with an overview of mythology and different kinds of folklore, you will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. You will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

### **Peer Counseling**

Peer counselors help individuals reach their goals by offering them support, encouragement, and resource information. This course explains the role of a peer counselor, teaches the observation, listening, and empathic communication skills that counselors need, and provides basic training in conflict resolution, and group leadership.

### **Professional Communication**

In today's global economy, professional communication is no longer limited to the basics of reading, writing, speaking, and listening. In this course, you will focus on communication in many forms- written, oral, graphic, and technological- in the workplace to enhance career options while learning how to address conflict and communicate with cultural competency. By the end of this course, you'll have the basics you need to be a standout communicator in a professional setting.

### **Social Problems II**

You will learn about the overall structure of the social problem as well as how it impacts our lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels.

### **Sports Medicine 1a**

What do you think of when you hear the phrase "sports medicine professional"? Believe it or not, the term encompasses a much larger range of career options than jobs typically associated with this field. Explore some of the most popular career pathways, day-to-day responsibilities, emergency care for athletes, and legal obligations. Discover what nutrition, healthy lifestyle, and fitness truly mean, and dive into anatomy, human biomechanics, and exercise modalities. Learn how to get started in this exciting field.



# DUAL ENROLLMENT

**Any student interested in enrolling in College Courses should inquire at [www.penninnovation.com](http://www.penninnovation.com)**

Unless otherwise indicated, students are eligible if they are a rising Junior or Senior with 2.7 GPA or higher and have availability in their course schedule.

## WILMINGTON UNIVERSITY

Tuition: \$125 per course

Wilmington University also offers a menu of courses through the Early College Program.

### Fall Semester

#### **CRJ 101: Survey of Criminal Justice** 3 credits

This course is a survey of agencies and processes involved in the administration of criminal justice. The survey reviews the functions of the legislature, police, prosecutor, courts, and the correctional system. Problems of law enforcement in a democratic society are discussed. This course ties together all components of criminal justice and includes issues of both the juvenile and adult offender.

### Spring Semester

#### **CRJ 205: Principles of Criminology** 3 credits

This course is an introductory course in the study of crime and criminal behavior that examines various theories of crime causation, profiles of criminal behavior systems, societal reaction to crime, and structures of criminological methods of inquiry.

## UNIVERSITY OF DELAWARE

### **Semester Course - Offered in both Fall & Spring**

#### **HOSP 180: Intro to Hospitality Business Mgmt** 3 credits

This course provides information about the numerous segments of the hospitality industry, the history of hospitality, current trends, and related issues. Students will be exposed to a variety of learning experiences that can expand their knowledge of the dynamic and global hospitality industry. This is an online course with both synchronous and asynchronous experiences.

*Note: This class will meet twice a week via zoom, with one of those meetings taking place on Monday evenings from 6:00 -7:15 pm.*

*Tuition: \$75*

### Fall Semester

#### **UD AGRI 217: Leadership and Communication in Agriculture** 3 credits

Communication skills as they relate to leadership styles will be explored. Practical experience in oral and written communication as well as social media will occur with a hybrid course with one session in class and one online. This course leads to micro-credentials.

*Tuition: \$0*

### Spring Semester

#### **UD PLSC 100: Plant and Human Culture** 3 credits

Current survey of interrelationships between plants and diverse human cultures. Different cultural lenses, such as socio-economic status, cultural heritage and residential environment are used to explore landscapes. Issues, including invasive species, water management and garden benefits provide opportunities for discussion and problem-solving. *Note: This class will meet on Mondays and Wednesdays via Zoom from 2:30-3:45 pm. Attendance is mandatory for all zoom meetings.*

*Tuition: \$0*



## DELAWARE TECHNICAL COMMUNITY COLLEGE

Tuition: \$125 per course

### Full Year

**CHM 110: General Chemistry** 4 credits

This course is designed for students majoring in technical areas other than chemistry. Topics include the metric system, structure of matter, nomenclature, reactions, gases, rates and equilibrium, solutions, acids, bases, and nuclear chemistry. Laboratory experiments are used to illustrate theory.

### Fall Semester

**DTCC ENG 101: Composition I** 3 credits

This college-level course is designed to teach the concepts of critical thinking and reading skills in the context of written response and essay writing. This course introduces and reinforces the skills necessary to complete academic essays and to respond to diverse texts in meaningful ways.

*Note: Only Seniors with 3.0+ GPA, 480+ ENG SAT, or pass 75%+ in Foundations of College English are eligible. This course replaces Senior English IV for graduation credit.*

### Spring Semester

**PSY 121: General Psychology** 3 credit

This course is a survey of general principles underlying human behavior and mental processes. Topics include the nervous system, perception, learning, motivation, personality, and psychological disorders. Methods of assessment and research principles are discussed.

### Full Year

**BIO 120: Anatomy & Physiology I** 5 credits

This course studies the anatomy and physiology of humans, including the structure and function of cells, tissues, integumentary, skeletal, muscular, nervous, and endocrine systems. Coordinated laboratory experiments are an integral part of this course.

*Note: Students must have completed high school-level Anatomy & Physiology as a prerequisite and get pre-approval from Allied Health teachers to be eligible.*

## NON-CREDIT, PREREQUISITE COURSE

Tuition: \$0 FREE

### Spring Semester

*This course is offered to students who have not reached the 480 PSAT/SAT benchmark for English Language Arts but are seeking credit bearing DTCC ENG 101 during senior year.*

**Foundations of College English** 0.5 High School credit

The Foundations of College English is a preparatory course designed to provide reinforcement in writing skills and improve reading fluency and comprehension skills. Reading and writing activities are integrated to provide continuity and practical application. Students completing the course with a score of 75% or higher will qualify to take credit-bearing English coursework at Delaware institutions of higher education.

## DELAWARE STATE UNIVERSITY

Tuition: \$125 per course

### Full Year

**DSU ENGL 250: Storytelling for Social Change** 3 credit

In this course, students will discover stories that will challenge, validate and/or inspire perspective. Through reading and writing, both fiction and non-fiction, students explore how increased self-awareness, celebration of diversities, analysis of injustice, and commitment to action lead to collective liberation. This course identifies storytellers as agents of change and requires students to create a number of narratives via digital story, poetry, open letter, and/or artwork. Ultimately, a number of these final products will be shared with community stakeholders to enact change.

Storytelling for Social Justice surveys texts that highlight diverse voices, thereby encouraging writers to share their own. Rooted in courageous conversation, this course builds a sage, brave, academic community that aligns with the Learning for Justice Social Justice Standards.

# EARLY COLLEGE

For more information on how to get started, visit WPHS Dual Enrollment Coordinator Sarah Cuje in the Innovation Center, email her at [sarah.cuje@colonial.k12.de.us](mailto:sarah.cuje@colonial.k12.de.us), and/or visit [www.penninnovation.com](http://www.penninnovation.com).

Unless otherwise noted, courses are available to Juniors and Seniors with 2.7+ GPA.

## WILMINGTON UNIVERSITY 3 CREDIT COURSES (UNLESS OTHERWISE NOTED)

**Tuition: \$126 + Books/materials**

WUBAC 101 . . . . .	Accounting I	WUHIS 230 . . . . .	History of Art and Design
WUBBM 102 . . . . .	Introduction to Business	WUHIS 300 . . . . .	World and Regional Geography
WUBIO 251 . . . . .	Biology 1 (with Lab) 4 credits	WUHIS 316 . . . . .	American History
WUBMK 305 . . . . .	Marketing	WUHLT 321 . . . . .	Personal Wellness
WUCRJ 101 . . . . .	Survey of Criminal Justice	WUMAT 205 . . . . .	Introductory Survey of Mathematics**
WUCTA 206 . . . . .	Computer Applications	WUMUS 101 . . . . .	Music Appreciation
WUCTA 210 . . . . .	Intro to Technology	WUPHI 100 . . . . .	Introduction to Critical Thinking
WUDSN 235 . . . . .	Vector Drawing	WUPSY 101 . . . . .	Introduction to Psychology
WUECO 105 . . . . .	Fundamentals of Economics	WUSEC 290 . . . . .	Introduction to Programming with Python
WUENG 121 . . . . .	English Composition I*	WUSOC 101 . . . . .	Introduction to Sociology
WUENV 303 . . . . .	Climate Dynamics	WUTEC 215 . . . . .	Basic Photographic Techniques
WUENV 305 . . . . .	Earth and Space Science (with Lab) 4 credits	WUVFP 100 . . . . .	Camera and Cinematography
WUENV 310 . . . . .	Environmental Science	WUVFP 101 . . . . .	Introduction to Audio
WUGMD 100 . . . . .	Intro to Game Engines		
WUGMD 105 . . . . .	Video and Audio for Game Design		<i>*ENG121 pre-req SAT480 or Accuplacer</i>
WUGMD 110 . . . . .	Intro to JavaScript for Unity 3D		<i>**MAT205 pre-req SAT530 or Accuplacer</i>
WUHIS 204 . . . . .	World History		



## GOLDEY-BEACOM COLLEGE

Tuition: \$100 per course

All 100 level courses are offered on campus for \$100 tuition fee per course (plus books/materials). Students can enroll and apply at [www.gbc.edu](http://www.gbc.edu) and select the "Non-Degree" option within Undergraduate Domestic Application. Students must be a Junior or Senior with 2.7 GPA or higher to be eligible. All courses are completed Face-to-Face in the evening on Goldey Beacom's campus located at 4701 Limestone Road, Wilmington, DE (Pike Creek). Transportation is not provided.

# EARLY COLLEGE

## UNIVERSITY OF DELAWARE

These are asynchronous, online courses.

Tuition: FREE



### Fall Semester

**COMM 245 Media and Society** 3 credits  
The relationship between media and culture• how media affect culture• and exploration of new forms of mass communication.

**ENGL 151 Studies in Popular Fiction** 3 credits  
Study of popular GOTH LIT: HORROR/SCIFI/CRIME fiction (literary, cinematic and/or multimedia)• may focus on period, theme, single author, etc.

**WOMS 201 Introduction to Women's Studies** 3 credits  
Study of causes and conditions determining women's status in society, as evidenced in institutional structures and personal relations between men and women. Taught from multidisciplinary perspectives.

**UAPP 110 Changing the World & Public Policy** 3 credits  
"Going Green," the haves and have-nots, relevant politics - all huge contemporary issues. Can you get a job AND make a difference? Public policy addresses such issues and begins with you. Examines basic policy concepts/strategies used by citizens, government, and other societal institutions.

### Spring Semester

**ANFS 102 Food for Thought** 3 credits  
Overview of our foods today including how the composition, safety, processing and chemistry influence our choices and overall production. The effects of social influences and marketing of foods will be discussed as these are important considerations for individuals and food companies.

**ART 204 Media/Design/Culture** 3 credits  
Current and historical media processes and their impact on art, design and culture. Image making and manipulation, video, audio, interactivity, and connectivity. Viewing fine art and design projects, the historical aspects of design and digital media, basic media theory, and universal principles of software and digital media. Projects include writing, creating visual media, and making presentations. Unfamiliar media experienced firsthand through exhibitions, screenings, lectures, online exploration and consumer media devices.

**GEOL 105 Geological Hazards** 3 credits  
Geological processes and events that adversely affect humans and civilization. Methods for predicting and dealing with geological hazards.



# Section 504 and Title IX

The Colonial School District shall not discriminate in its employment practices or its educational programs and activities of students on the basis of race, creed, color, religion, national origin, age, sex, sexual orientation, domicile, marital status, disability, genetic information, veteran status, or any legally protected characteristic.

## GRIEVANCE PROCEDURE TO ADDRESS SECTION 504 and Title IX DISCRIMINATION

The Section 504 and Title IX Compliance Officers' responsibilities include overseeing all complaints of discrimination, identifying, and addressing any patterns or systemic problems that arise during the review of such complaints. The Colonial School District strives to provide an environment free from discrimination. The District encourages students, parents, and staff to identify barriers to a discrimination-free and appropriate learning environment in all schools. Any employee, parent/guardian of a student enrolled in the Colonial School District, or student eighteen years of age or older may file a grievance if he/she believes they or their child has been subjected to discrimination on the basis of disability by students, employees, or third parties. All grievances will be received and investigated in a fair and expeditious manner.

### Steps to Resolution

**Step 1:** The best solutions to parent/student concerns often occur at the school level. Therefore, the District encourages parents/students to attempt to resolve concerns by working with the building principal or other appropriate building staff to reach a joint resolution of the issue. Contact the building principal to arrange a meeting or to discuss the complaint.

**Step 2:** If the issue is not resolved at the school level, the Colonial School District Grievance Form shall be submitted to the District Section 504 Compliance Officer (Director of Student Services) or Title IX Compliance Officer (Director of Human Resources) within 180 calendar days of the alleged violation to request a hearing. The Compliance Officer will be independent and impartial. If he or she has prior knowledge of the situation, an independent and impartial designee shall be appointed. He or she will thoroughly and diligently investigate the circumstances of the concern, obtain information as to relevant witnesses and evidence, obtain all relevant evidence, hear equally from the grievant's witnesses, and other witnesses, equally review all evidence from the grievant and accused and interview and obtain statements from all relevant witnesses, and then present a report of his or her finding of fact and conclusions within 30 business days. The investigation will be adequate and reliable. The report of his or her findings shall be sent to the parties upon completion. The complaint should be sent to:

#### Title IX – Coordinator

Holly Sage, Director of Human Resources  
318 East Basin Road, New Castle, Delaware 19720  
(302) 323-2712

#### Section 504 – Coordinator

Jon Cooper, Ed.D - Director of Behavioral Health  
318 East Basin Road, New Castle, Delaware 19720  
(302)323-2872

The Colonial School District Grievance Form must be completed with all information listed below and signed by the grievant.

- the child's name, date of birth, address and the school he or she attends;
- complainant's name, address and phone number;
- complainant's relationship to the child (parent, guardian, surrogate);
- name, address, and phone number of the person representing complainant (if complainant has someone);
- decision of the school with which complainant disagrees and the reason;
- date complainant received this decision• and
- complainant's signature.

**Step 3:** The person filing the grievance may appeal the decision of the District Section 504 Compliance Officer or the Title IX Compliance Officer to the Superintendent (or designee) within 10 days of receiving the Compliance Officer's decision. The Superintendent (or designee) shall review all statements and evidence as well as the Compliance Officer's report (or designee's report), gather such additional evidence as deemed necessary, and then issue a written decision in response to the appeal no later than 30 days after its filing. In the event there is a finding of discrimination, the District shall take remedial efforts and efforts to prevent recurrence and shall make all reasonable efforts to correct the discriminatory effects of a prohibited action. Any party aggrieved shall have the right to file a formal complaint after the Superintendent's decision (or designee's decision) with the U.S. Department of Education, Office for Civil Rights.

Office for Civil Rights, Philadelphia

U.S. Department of Education

The Wanamaker Building, 100 Penn Square East, Suite 515, Philadelphia, PA 19107

Tel: (215)656-8541 | Fax: (215)656-8605 | Email: [OCR.Philadelphia@ed.gov](mailto:OCR.Philadelphia@ed.gov)

OCR Electronic Complaint Form: <https://www2.ed.gov/about/offices/list/ocr/complaintintro.html>

Colonial School District Title IX Grievance Form: <http://www.colonialschooldistrict.org/parents-students/title-ix/>

**WILLIAM PENN HIGH SCHOOL**

713 East Basin Road  
New Castle, DE 19720  
302.323.2800

Lisa Brewington  
Principal

[williampenncolonials.com](http://williampenncolonials.com)

**Questions about WPHS Degree Programs...?**

Email [wphs@colonial.k12.de.us](mailto:wphs@colonial.k12.de.us)



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WPTV



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The Colonial School District does not discriminate in employment, educational programs, service or activities based on race, color, national origin, sex, age, or disability, in accordance with state and federal laws. The District offers additional services to students with limited English language skills or with disabilities so that they may benefit from these programs.