

WILLIAM PENN HIGH SCHOOL 2021-2022 COURSE SELECTION GUIDE





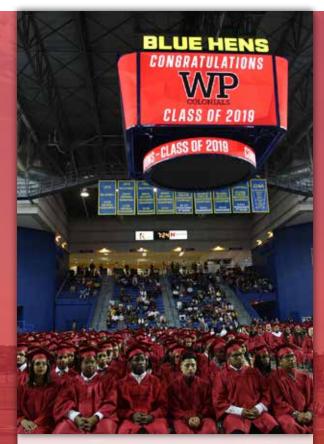
Colonial Nation,

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



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 Science
2 Credits World Language

1 Credits Physical Education ½ Credit...... Health Education

3 Credits..... Career Pathway

3.5 Credits Electives

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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
- Mathematics
- Science
- Honors Science



BUSINESS COLLEGE ACADEMY

- Air Force Jr
- ROTC
- Business Administration
- Culinary Arts
- Financial Services
- Marketing



HUMANITIES COLLEGE ACADEMY

- Behavioral Sciences
- Communications
- Teacher Academy
- Legal Studies
- International Studies
- Visual & Performing Arts

Enrollment in higher level courses often requires a passing grade in the lower courses in the same program of study.





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. Through a partnership with Delaware Greenways 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 or electives that relate to this major:

- Business courses
- Culinary Arts courses

Online Courses:

• Veterinary Science; Biotechnology; Hospitality & Tourism





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
- Fundamentals of Plant Science
- Plant & Soil Systems
- Plant Systems Management
- Penn Farm



Animal Science Pathway

The Animal Science & Management program is a handson 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
- Foundations of Animal Science
- Growth & Development of Domestic Animals
- Domestic Animal Management
- Penn Farm



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
- Natural Resources & Ecology
- Environmental Science Issues
- AP Environmental Science
- Penn Farm



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 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

Grade 9

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

Grade 10

- 1. English II
- 2. Integrated Math II
- 3. Biology
- 4. Economics
- 5.Phys Ed/Drivers Ed
- 6.Essentials of Medical
- Diagnostic Careers
- 7. World Language
- 8. Elective

Grade 11

- 1. English III
- 2. Integrated Math III
- 3. World Language
- 4. US History
- 5. Chemistry
- 6. Clinical Laboratory
- Diagnostics
- 7. Anatomy & Physiology
- 8. AP Biology

Grade 12

- 1. English IV
- 2. Statistics
- 3. Diagnostics Services

Technician (Phlebotomy & EKG)

- 4. AP Chemistry
- 5. World Language
- 6. Paramedical Science
- 7. Forensics & Evidence
- 8. Elective and/or Clinical

Additional courses or electives that relate to this major:

- Physics
- Psychology
- Sociology
- DTCC Bio 100 Medical Terminology
- DTCC Bio 210 Anatomy & Physiology

After School:

• HOSA (Future Healthcare Professionals)

Online Courses:

 Biotechnology; Anthropology; Cosmetology; Great Minds in Science; Veterinary Science, Personal Wellness (Dual Enrollment: WUHLT 321), Forensic Science

Certification Programs:

• (www.nhanow.com); EKG, Phlebotomy, EMR



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
- DTCC MAT 152 Quantitative Reasoning

After School:

VEX Robotics

- Digital Information Technology
- Foundations of Programming
- Social Media
- Statistical Analysis in Sports



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. Partnering with ABC in New Castle, DE, students follow the NCCER construction curriculum and will sit for trade certification exams, recognized by industry. Starting their Junior year, these students are also eligible for the Manufacturing Program through DTCC. 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 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. Blueprint Reading for Construction
- 7. World Language
- 8. Elective

Grade 11

- 1. English III
- 2. Integrated Math III
- 3. Science course
- 4. US History
- 5. World Language
- 6.Construction Trades
- 7. Principals of Engineering
- 8. Elective

Grade 12

- 1. English IV
- 2. Mathematics course
- 3. Work Based Learning
- 4. Engineering Design & Development
- 5. Elective
- 6. Elective
- 7. Elective
- 8. Elective

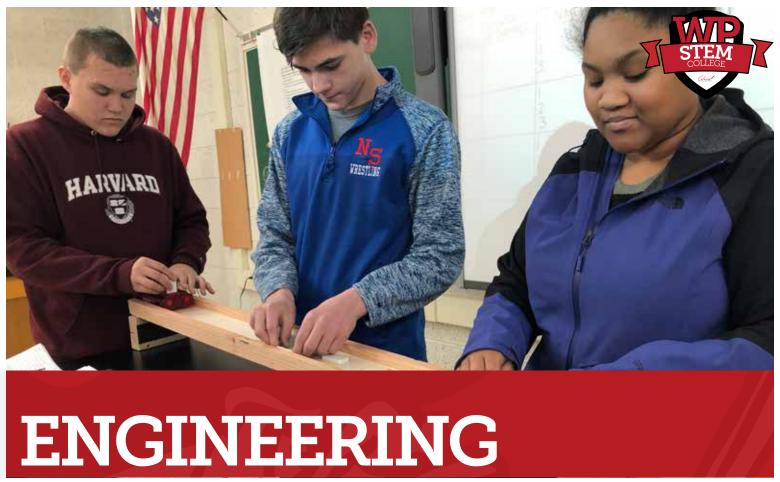
Additional courses or electives that relate to this major:

- Marketing Essentials & other business courses
- Environmental Science courses

Online Courses:

• Fashion and Interior Design; Intro to Manufacturing, Product Design, & Innovation

Certification: OSHA 10-hour Construction Industry



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

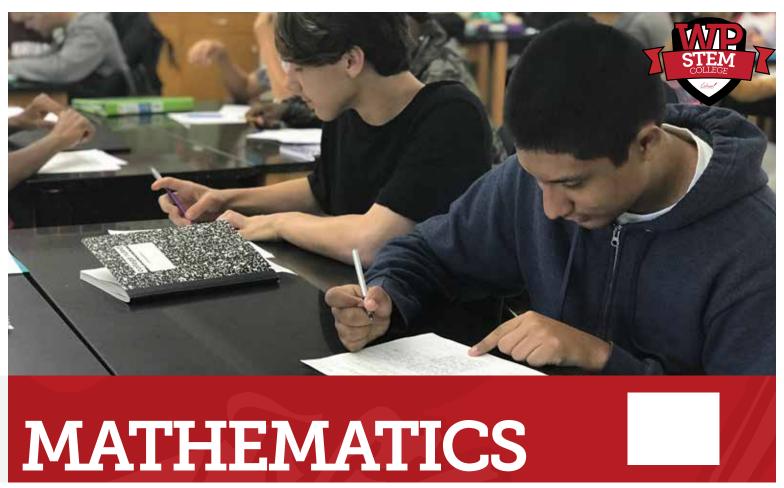
- 1. English IV
- 2. AP Mathematics course
- 3. Engineering Design & Development
- 4. Ind. Study in Engineering
- 5. Elective
- 6. AP Physics C
- 7. Elective
- 8. Elective

Additional courses or electives that relate to this major:

- Computer Science & I.T. Specialist courses
- After School: Science Olympiad, VEX Robotics
- AP Science courses
- Environmental Science courses
- DTCC Chem 110 General Chemistry
- DTCC Mat 152 Quantitative Reasoning

Online Courses:

• Fashion and Interior Design; Intro to Manufacturing, Product Design, & Innovation



The Mathematics major emphasizes core and advanced mathematical concepts and theories beyond simple Algebra, Geometry, and Statistics. This advanced academic program is designed to appeal to students that are strong in math and will attend post-secondary education with a STEM concentration. Career and college opportunities would include computer science & programing, finance & economics, cryptography, teaching, and research. Advanced Placement courses include both AP Statistics and Calculus.

Pre-Requisite: Successful completion of Integrated Math I in 8th grade (final grade of C or better).

It is expected that math majors take at minimum, one AP course in math and science.

RECOMMENDED PROGRAM OF STUDY

Grade 9

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

Grade 10

- 1. English II
- 2. Integrated Math III
- 3. Biology
- 4. Economics
- 5. Physical Ed/Drivers Ed
- 6. IT Essentials
- 7. Introduction to Engineering
- 8. World Language

Additional courses or electives that relate to this major:

- Web Design & Development
- Processes of Digital Production
- Computer Science courses
- DTCC MAT 152 Quantitative Reasoning

Grade 11

- 1. English III
- 2. Pre-Calculus
- 3. Chemistry or Physics
- 4. US History
- 5. Exploring Computer Science
- 6. Principles of Engineering
- 7. Statistics (Honors or AP)
- 8. Elective

Grade 12

- 1. English IV
- 2. A.P. Calculus AB
- 3. A.P. Statistics or DTCC MAT 152 Quantitative Reasoning
- 4. Digital Media Essentials
- 5. AP Science course
- 6. A.P. Computer Science
- 7. Elective
- 8. Elective

- •AP Microeconomics
- •Statistical Analysis in Sports
- •Forensic Science
- Philosophy
- •Sports & Entertainment Marketing
- •Digital Information Technology
- •Foundations of Programming



The Science major is designed for academically motivated and dedicated students who aspire to enter the rich arena of the biological, agricultural, environmental and natural sciences. Core courses in biology, chemistry, Earth sciences and physics are augmented by advanced placement courses and a wide variety of additional science courses (both traditional and online). Students begin with Honors Biology and are expected to complete AP courses in grades 10, 11 & 12.

RECOMMENDED PROGRAM OF STUDY

Grade 9

- 1. English I
- 2. Integrated Math I
- 3. Honors Science I
- 4. Geography/Civics
- 5. Physical Education/Health
- 6. Natural Resources & Ecology
- 7. Elective
- 8. World Language

Grade 10

- 1. English II
- 2. Integrated Math II
- 3. AP Biology (Health) OR AP Physics I (Engineering)
- 4. Honors Chemistry
- 5. Physical Ed/Drivers Ed
- 6. Economics
- 7. Elective
- 8. World Language

Grade 11

- 1. English III
- 2. Integrated Math III
- 3. AP Chemistry
- 4. US History
- 5. Honors Physics
- 6. World Language
- 7. Environmental Science Issues
- 8. AP Physics I or II

Grade 12

- 1. English IV
- 2. Statistics or AP Mathematics
- 3. Anatomy & Physiology
- 4. AP Physics C
- 5. AP Environmental Science
- 6. Astronomy (online course)
- 7. Elective
- 8. Elective

Additional courses or electives that relate to this major:

- Forensics & Evidence
- AP Chemistry
- AP Physics I and II
- Plant & Animal Science courses
- Health Care Technician courses
- DTCC BIO 120 Anatomy & Physiology
- DTCC CHM 110 General Chemistry
- DTCC BIO 110 Medical Terminology

Online Courses

- Anthropology
- Cosmetology
- Great Minds in Science
- Philosophy
- Veterinary Science
- Biotechnology
- Forensic Science
- Marine Science
- Social Problems
- Archaeology

After School Activities:

- Science Olympiad
 VEX Robotics
- Penn Farm and FFA



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

If approved by school counselors, student may upgrade from Honors to AP courses.

- AP Physics I
- AP Physics II
- AP Physics C: Mechanics
- AP Chemistry
- DTCC BIO 120 Anatomy & Physiology
- DTCC CHM 110 General Chemistry
- DTCC BIO 110 Medical Terminology

- AP Biology
- AP Environmental Science
- AP Computer Science A
- AP Computer Science Principles
- Penn Farm and FFA



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 or electives that relate to this major:

• Psychology, Sociology, Criminal Justice, Applied Legal Studies

- Introduction to Military Careers; AP US Government and Politics; Digital Information Technology; Leadership Skills Development; Social Problems
- ** Students in this program must adhere to both Colonial School District regulations AND AFJROTC regulations.



BUSINESS ADMINISTRATION

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

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

• DTCC MAT152

• DTCC ENG 102

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

Additional courses or electives that relate to this major:

- World Cultures
- Sociology
- Contemporary World Views
- Journalism
- Psychology
- Statistics
- UD ENTR 167 Entrepreneurial Experience

- •Digital Information Technology
- •Sports & Entertainment Marketing
- •Fashion & Interior Design
- •Hospitality and Tourism
- •Leadership Skills Development
- Cosmetology
- Peer Counseling
- •AP Microeconomics
- •Intro to Social Media



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 6. Advanced Food Production
- 7. World Language
- 8. Elective

Grade 10

- 1. English II
- 2. Integrated Math II
- 3. Biology
- 4. Economics
- 5. Physical Ed/Drivers Ed
- 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

- Hospitality and Tourism
- Introduction to Social Media
- Leadership Skills Development
- Sports & Entertainment Marketing; Peer Counseling



The Financial Services 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,

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

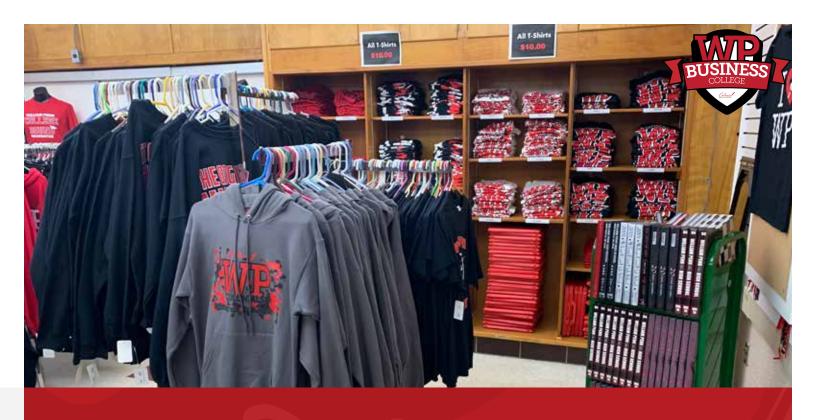
Grade 12

- 1. English IV
- 2. Mathematics course
- 3. Work Based Learning
- 4. Applied Legal Studies
- 5. A.P. Economics6. Elective
- 7. Elective
- 8. Elective

Additional courses or electives that relate to this major:

- Contemporary World Views
- World Cultures
- UD ENTR 167 Entrepreneurial Experience
- Sociology
- Journalism
- Psychology
- Statistics
- DTCC MAT152 Quantitative Reasoning

- AP Microeconomics
- Cosmetology
- Fashion and Interior Design
- Hospitality and Tourism
- Introduction to Social Media
- Leadership Skills Development
- Sports and Entertainment Marketing
- Digital Information Technology
- Sports & Entertainment Marketing
- Peer Counseling



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
- UD ENTR 167 Entrepeneurial Experience
- Contemporary World Views
- Statistics
- DTCC MAT152 Quantitative Reasoning

- AP Microeconomics
- Fashion and Interior Design
- Introduction to Social Media
- Art in World Cultures
- Anthropology
- Leadership Skills Development
- Peer Counseling

- Cosmetology
- Hospitality & Tourism
- Sports & Entertainment Marketing
- Philosophy
- Social Problems
- Digital Information Technology



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

Online Courses:

• Anthropology; Philosophy; Social Problems; Peer Counseling; Forensic Science; AP Government & Politics; Archaeology; Biotechnology; Great Minds in Science; Social Media



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 three different pathways: Digital Media, Digital Communication (Graphic Design) and Journalism.

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 ENG102 Composition & Research
- DTCC ENG101 Critical Thinking and Academic Writing

After School:

• Penn Publications

- Sports & Entertainment Marketing
- Digital Information Technology
- Art in World Cultures
- Art History and Criticism Honors
- Fashion and Interior Design
- Introduction to Social Media
- Mythology and Folklore
- Philosophy; Social Problems
- Your Digital Footprint on Social Media
- Foundation of Programming

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 entrepreneurism. 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)
- Applications of Digital Design (Level 3)
- WBL: Penn Publications

Journalism

- Journalism I
- Journalism II
- Creative Writing I
- Creative Writing II
- Creative Writing III





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

- AP Microeconomics
- Anthropology
- Art in World Cultures
- Forensic Science
- Hospitality and Tourism
- Mythology and Folklore
- Social Problems

- APUS Government & Politics
- Archaeology;
- Biotechnology
- History of the Holocaust
- Social Media
- Philosophy
- Peer Counseling



LEGAL STUDIES

Students majoring in Legal Studies 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 evidiary procedures as well 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

Grade 9

- 1. English I
- 2. Integrated Math I
- 3. Science I
- 4. Geography/Civics, Honors Geography/Civics, or AP Geography
- 5. Physical Education/Health
- 6. Introduction to Legal Studies
- 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. Criminal Justice 101 *
- 7. Psychology and Sociology
- 8. World Language

Grade 11

- 1. English III
- 2. Integrated Math III
- 3. Science course
- 4. US History
- 5. World Language
- 6. Forensics & Evidence
- 7. Criminology 205 *
- 8. Elective

Grade 12

- 1. English IV
- 2. Mathematics class
- 3. Military History & Elective
- 4. Applied Legal Studies
- 5. World History (CP or AP)
- 6. Contemporary World Views
- 7. Elective
- 8. Elective
- (* Dual enrolled course with Wilmington University)

Additional courses or electives that relate to this major:

- Psychology (H or AP)
- Jr ROTC
- Computer Science (for Homeland Security) Select upper level courses at Wilmington University School of Criminal Justice

- AP Microeconomics
- Anthropology
- Art in World Cultures
- Forensic Science
- Hospitality and Tourism
- •Mythology and Folklore
- Social Problems

- AP US Government & Politics
- Archaeology
- Biotechnology
- History of the Holocaust
- Social Media
- Philosophy
- Peer Counseling



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

4. US History

7. Elective

8. Elective

2. Integrated Math III

3. Science course

Early Childhood

6. World Language

- **Online Courses** Anthropology
- Real World Parenting

5. Curriculum & Instruction in

- Philosophy

Grade 12

1. English IV

(Practicum)

6. Elective

7. Elective 8. Elective

2. Mathematics

3. World Language

4. Teacher Academy I

5. Ind Study (Colonial Schools)

- Peer Counseling
- Leadership Skills Development

Additional courses or electives that relate to this major:

- AP Psychology
- World Religions
- World Cultures



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

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. Teaching as a Profession
- 8. World Language

Grade 11

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

Grade 12

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

Additional courses or electives that relate to this major:

- AP Psychology
- World Religions
- World Cultures

- Anthropology
- Real World Parenting
- Philosophy
- Peer Counseling
- Leadership Skills Development



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

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

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

Grade 12

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

Extra-Curricular Music

Marching Band Jazz Ensembles Brass Choir Sax Studio Winter (indoor) Percussion
Winter (indoor) Guard Little Big Band Gospel Choir Soloists Instruction/The Voice
Women's Choir Penn Players Music Lab Jazz Choir Tri-M Music Honors Society

Online Courses:

• Art in World Cultures; Art History and Criticism Honors; Cosmetology; Fashion and Interior Design; Hospitality and Tourism; Sports and Entertainment Marketing; Introduction to Social Media; Mythology and Folklore; Your Digital Footprint on Social Media; Philosophy

Specific VPA courses or electives that relate to this major are listed on the other side of page, separated into the four concentrations: Fine Art, Theatre, Instrumental Music and Vocal Music.

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)

11TH GRADE

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

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
- Soloist Instruction
- Women's 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

Level	Department
AP	Language Arts
AP	Language Arts
AP	Math
AP	Math
AP	Math
AP	Science
AP	Social Studies
AP	Technology Sciences
AP	Technology Sciences
AP	VPA
AP	VPA
	AP A

Honors / AP Programs

William Penn High School offers an HONORS PROGRAM which includes taking various AP Classes for selected students, recommended by their teachers & school counselors. This program is specific to the core classes (English, Math, Science and Social Studies) regardless of their degree program. It is recommended (but not mandatory) that this program begins in the 9th grade and comes with a recommendation from the 8th-grade teachers.



SUGGESTED PROGRAMS OF STUDY

9th Grade

- Honors
- English I
- Integrated Math II
- Honors Biology or Honors Science I
- AP Human Geography

10th Grade

- Honors English II
- Integrated Math III
- Honors or AP Science (Biology, Chemistry or Physics)
- Honors or AP Economics

11th Grade

- AP English English Language
- Honors or AP Calculus AB
- Honors Science (Chemistry, AP Physics I or II,
- AP Environmental Science)
- Honors or AP US History

12th Grade

- AP English Literature
- AP Calculus BC or AP Statistics
- AP Science Course
- Honors or AP World History

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.



WBL curriculum is a sequence of standards ϑ activities that starts with career awareness and exploration activities, then progresses into a more in-depth immersion experience that includes handson 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); Office C100 @ William Penn High School

Distance Learning

For further information contact Sarah.Cuje@colonial.k12.de.us, Phone: 302-323-2800 x5200 or visit penninnovation.com

William Penn High School offers a wide variety of distance learning courses to earn high school credits. These courses supplement our 19 different degree programs, offering our students additional opportunities, all through personalized digital learning. Similar to current college experiences, our courses are blended between an online curriculum and a William Penn teacher.

These courses encourage freedom and flexibility and empower students to experience personalized learning beyond our own classroom walls.

These courses need pre-approval from your student counselor and Ms. Cuje. Once approved the registration is processed in the Innovation Center. Course content is through Florida Virtual School web based program, using Schoology as the learning management system Note: Courses may be cancelled 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

ONE HIGH SCHOOL CREDIT COURSES (FULL YEAR):

Art History and Criticism Honors

Critique and compare significant works of art and architecture from Prehistory through the 21st century. You will analyze art history and criticism methodologies, explore media and techniques used by artists from various cultures and time periods, and learn appropriate terminology for discussing artwork from around the world.

Cosmetology

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.

Fashion and Interior Design

In this course, you'll explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design then test your skills through hands-on projects.

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.

Statistical Analysis in Sports

One Credit, ½ Year This online one-credit ½ year course teaches you how to use the four steps of the analytical process in the context of sports: ask questions, collect data, analyze data, and make conclusions. Each chapter will begin with a sports-related mathematical question (e.g. Is there a home field advantage in the NFL?) and then you will learn how to collect appropriate data, how to analyze the data, and how to make appropriate conclusions.

Prerequisites: Algebra I (or equivalent) and foundational understanding of Statistics

Distance Learning

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

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.

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.

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.

College and Career Readiness

(Repeated again in SP) 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?

Critical Thinking and Study Skills

(Repeated again in SP) 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.

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.

Hospitality and Tourism

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

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.

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

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.

Philosophy I Honors

Course is designed to introduce students to thinking critically about the world and themselves. The first half of the course is an introduction to the foundations Philosophy starting with the Ancient Greeks. Students will also learn about various schools of philosophical thought throughout the world. During the second half of the course, students will conduct research about Philosophers and topics in Philosophy of their own choosing. The final project is a presentation to the class about what they learned. The presentation requires students to answer questions from the class and the instructor about their topic. *Live/ Face-to-Face discussions required

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

Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times—we humans as well!



Distance Learning

HALF CREDIT HIGH SCHOOL ELECTIVES (SPRING SEMESTER):

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

(Repeat of Fall) 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?

Critical Thinking and Study Skills

(Repeat of Fall) 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.

Forensic Science One: 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.

Great Minds in Science

Like Edison, Einstein, Curie, and Newton, the scientists of today are asking questions and working on problems that may revolutionize our lives and world. This course focuses on 10 of today's greatest scientific minds. Each unit takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.

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.

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.

Distance Learning

HALF CREDIT HIGH SCHOOL ELECTIVES (SPRING SEMESTER):

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.

Philosophy II Honors

Course is designed for students to explore how Philosophy changed the world and continues to guide how people think. Philosophy II continues the exploration of philosophical thought by looking at the major themes Philosophers debated; and continue 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. The course will conclude with each student developing a 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. Pre-requisite: Philosophy I *Live/ Face-to-Face discussions required

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 and Entertainment Marketing

In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well known entertainers are marketed as commodities and how some of them become billionaires as a result.

Your Digital Footprint On Social Media

Explore your individual contribution and influential powers by identifying your digital imprint. In this course, you will examine the world through social media, where citizen journalism is the news, personal audiences are your critics and your supporters, and personal connection is subjective.



DUAL ENROLLMENT

Any student interested in enrolling in College Courses should inquire at 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.

Non-Credit, Prerequisite Courses

Tuition: \$0 FREE Length: Semester

Foundations of College English

0 college credits 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.

This course is offered to students who have not reached the 480 PSAT/SAT benchmark for English Language Arts but are seeking college-level course work while enrolled in high school.

Foundations of College Math

0 college credits

The Foundations of College Math is a preparatory course designed to provide a review of integers, fractions, decimals, ratios and proportions, percentages, measurement, and an introduction to algebra that includes solving linear equations. Students completing the course with a score of 75% or higher will qualify to take credit-bearing Math coursework at Delaware institutions of higher education.

This course is offered to students who have not reached the 530 PSAT/SAT benchmark for Math but are seeking collegelevel course work while enrolled in high school.

UNIVERSITY OF DELAWARE

Tuition: \$125 per course

Year Long Course

ENTR 167 Entrepreneurial Experience

Class combines the ideas of Startup of the Professional You, Idea to Action, Venturing for Good, and Inventions, Innovations and New Technologies.

Tuition: \$125



WILMINGTON UNIVERSITY

Tuition: \$125 per course

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

Year Long Courses

CRJ 101 Survey of Criminal Justice

3 credits

*Open to Sophomores

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.

CRJ 205 Principles of Criminology

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.



DELAWARE TECHNICAL COMMUNITY COLLEGE

Tuition: \$125 per course

Fall Semester 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.

MAT 152: Quantitative Reasoning

3 credits

Quantitative Reasoning serves students who are focused on developing quantitative literacy skills that will be meaningful for their professional, civic, and personal lives. Such reasoning is a habit of mind, seeking pattern and order when faced with unfamiliar contexts. In this course, an emphasis is placed on the need for data to make good decisions and an understanding of the dangers inherent in basing decisions on anecdotal evidence rather than data. Students will focus on number, ratio, and proportional reasoning; modeling; probability; statistics. This course will count as the 4th math credit needed for graduation.

DTCC ENG 101:

Critical Thinking and Academic Writing

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.

Spring Semester

BIO 100 Medical Terminology

3 credits

This course introduces terms that comprise the language of medicine. Topics include Greek and Latin prefixes, suffixes, and roots, and abbreviations as well as terms related to disease and surgical, laboratory, imaging, and clinical procedures. Emphasis is placed on defining, pronouncing, and appropriately using the terms in written and oral communication.

ENG 102: Composition and Research

3 credits

This college-level course is designed to enhance writing, research, and speaking skills and to provide academic writing and reasoning skills to foster lifelong learning.

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.

EARLY COLLEGE

For more information on how to get started, visit WPHS Distance Learning Coordinator Ms. Sarah Cuje in the Innovation Center, email her at sarah.cuje@colonial.k12.de.us, and/or visit www.penninnovation.com

In a partnership with Wilmington University, William Penn High School also offers college courses to its Junior and Senior students with a GPA of 2.7 or higher. There are two ways students can take college courses, through our Early College program and through our Dual Enrollment program. The similarities and differences between the two programs are outlined below.

WILMINGTON UNIVERSITY 3 CREDIT COURSES (UNLESS OTHERWISE NOTED)

Tuition: \$121 + 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
CECRJ 101 Survey of Criminal Justice	WUMAT 205 Introductory Survey of
WUCTA 206 Computer Applications	Mathematics**
WUCTA 210 Computer Science	WUMUS 101 Music Appreciation
WUECO 105 Fundamentals of Economics	PECHI 100 Introduction to Critical Thinking
WUENG 121 English Composition I*	WUPSY 101 Introduction to Psychology
WUENV 303 Climate Dynamics	WUSEC 290 Introduction to Programming with
WUENV 305 Earth and Space Science (with Lab)	Python
4 credits	WUSOC 101Introduction to Sociology
WUENV 310 Environmental Science	WUTEC 215 Basic Photographic Techniques
WUGMD 100 Intro to Game Engines	WUVFP 101 Introduction to Audio
WUGMD 105 Video and Audio for Game Design	
WUGMD 110 Intro to JavaScript for Unity 3D	*ENG121 pre-req SAT480 or Accuplacer
WUHIS 204 World History	**MAT205 pre-req SAT530 or Accuplacer

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 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.

COLLEGE COURSES OFFERED THROUGH THE INNOVATION CENTER

In a partnership with Wilmington University, William Penn High School also offers college courses to its Junior and Senior students with a GPA of 2.7 or higher. There are two ways students can take college courses, through our Early College program, and through our Dual Enrollment program. The similarities and differences between the two programs are outlined below.

SAVE WITH THE EARLY COLLEGE PROGRAM

Regular Tuition at Wilmu

\$363 per credit

\$1.089 for a 3 credit course

Early College Program at William Penn

\$32 per credit

\$121 for a 3 credit course

UNIVERSITY OF DELAWARE

Tuition: FREE

3 credits

3 credits

3 credits

Fall Semester

COMM 245 Media and Society

The relationship between media and culture; how media affect culture; and exploration of new forms of mass communication.

WOMS 201 Introduction to Women's Studies

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.

ART 204 Media/Design/Culture

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.

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.

ARTH 101 Visual Culture

3 credits

Explores the ways we make, perceive and experience images and artifacts. Students will hone their skills in seeing, analyzing historical models and critically engaging in discussions of visual art and material cultures in selected eras and civilizations around the world.

PHYS 144 Concepts of the Universe

3 credits

Survey of astronomy emphasizing early and modern concepts. Stars, planets, galaxies, cosmic evolution and intelligent life are studied in the context of physical principles which describe the dynamics of the universe. Scientific process is used to interpret observations that shape our perceptions of the cosmos.



Earning College Credits NOW



There are two options:

Dual Enrollment Program	Early College Program			
- Course completed @ WPHS during school hours	- Course completed @ WilmU Campus or Online (outside of school hours) *Must provide own transportation*			
- Course facilitated by WPHS staff member [WPHS staff member is approved by WilmU for teaching college-level course]	- Course facilitated by WilmU instructor			
- Limited course offering	- Larger course offering			
- Only WPHS students enrolled	- Enrolled alongside WilmU college undergraduate students [Will need to get WilmU ID badge to get into buildings]			
- Deadlines and course schedule matches WPHS	- Deadlines and course schedule based on WilmU block and semester dates- no exceptions			
	- LIMIT 2 courses per year (Juniors and Seniors only)			
- Cost: \$125 (book/supplies provided)	- Cost: \$125 + books/supplies per 3 cr. course			
- Pay William Penn in cash; give to Ms. Cuje	 Pay University directly through MyWilmU portal (Credit/Debit) 			
- BOTH : Must APPLY and be accepted into WilmU <u>before</u> registration				
- BOTH : Coursework submitted through WilmU LMS, Canvas (not Schoology)				
- BOTH : Enjoy all the perks of be Student Success Cente				

Contact Sarah Cuje to learn more sarah.cuje@colonial.k12.de.us or stop by the Innovation Center

WP School Counselors



BUSINESS COLLEGE ACADEMY

Dr. Andrew Capone

N2 Staff Center (Last Names A-K) Andrew.Capone@colonial.k12.de.us

Ms. Brandy Bryant

N1 Staff Center (Last Names L to Z) brandy.bryant@colonial.k12.de.us



HUMANITIES COLLEGE ACADEMY

Ms. Keri Young

E2 Staff Center (Last Names A to K) Keri.Young@colonial.k12.de.us

Shannon Potter

E2 Staff Center (Last Names L to Z) shannon.potter@colonial.k12.de.us



Ms. Latoya Kosh

W1 Staff Center (Last Names A to G) Latoya.Kosh@colonial.k12.de.us

Ms. Rachel Handy

E1 Staff Center (Last Names H to O) Rachel.Handy@colonial.k12.de.us

Mrs. Huyhn-ba

W1 Staff Center (Last Names P to Z) Gloria.Huynh-ba@colonial.k12.de.us

COURSE CODE .	. COURSE NAME	.LEVEL	. DEPT	.DEPARTMENT NAME
	. Agriculture Degree Program			
	. Allied Health Degree Program			
	. Computer Science Degree			
	. Construction Degree Program			
	Engineering Degree Program			
	Manufacturing Degree Program			
	. Mathematics Degree Program			
	Science/Science Honors Degree Program			
	ROTC Degree Program			
	Business Administration Degree			
	Culinary Arts Degree Program			
	Financial Services Degree			
	. Marketing Degree Program			
	. Behavioral Science Degree			
	. Communications Degree Program			
	Education Degree Program			
	. Legal Studies Degree Program			
	. International Studies Degree			
	. VPA Instrumental			
	. VPA Vocal			
	. VPA Theatre			
	. VPA Art			
	. Office Aide			3
	. Early Release			-
	. Penn Farm			
	. Intro to Agriscience			
AG241150S	. Foundations of Animal Science	. All	. AG	. AgriScience
AG251150S	. Growth & Development of Domestic Animals	s. All	. AG	. AgriScience
AG261150S	. Domestic Animal Management	. All	. AG	. AgriScience
AG351150S	. Fundamentals of Plant Science	. All	. AG	. AgriScience
AG361150S	. Plant & Soil Systems	. All	. AG	. AgriScience
AH371150S	. Plant Systems Management	. All	. AG	. AgriScience
	. Intro. to Health Care Tech			
AH111150S	. Ess. of Med. Diagnostic Career	. All	. AH	. Allied Health
	. Clinical Laboratory Diagnostic			
	. Diagnostics Services Tech			
	. Marketing Essentials			
	. Digital & Data Driven Marketing			
	. Entrepreneurial & Corporate Marketing			
	Financial Services			
	Entrepreneurship			
	Fundamentals of Finance.			
	Principles of Accounting			
	Business Information Technology			
	Global Business Economics.			
	. WU Entrepreneurial Experience ENTR 167			
	Communities in Schools I			
	Communities in Schools II			
	. Community in Schools III			
	. Community in Schools IV			
	. Driver's Ed Semester 1			
	. Driver's Ed Semester 2			
	. Driver's Ed Semester 2			
	. Culinary Professional II			
	. Fundamentals of Culinary Arts			
	. Advanced Food Production			
	. Culinary and Hospitality Prof			
	. Human Development			
	. Human Development for Teacher Academy			
FC251150H	. Life Skills	. All	. FC	. Family & Consumer Science

FC301150H Peers I	All	FC	Family & Consumer Science
FC311150H Peers II	All	FC	Family & Consumer Science
FC321150H Peers III	All	FC	Family & Consumer Science
FC331150H Peers IV	All	FC	Family & Consumer Science
FC341150H Peers V	All	FC	Family & Consumer Science
FC351150H Peers VI	All	FC	Family & Consumer Science
FC361150H Leach Peers	All	FC	Family & Consumer Science
FC371150H Leach Peers II	All	FC	Family & Consumer Science
FC381150H Leach Peers III	All	FC	Family & Consumer Science
FC391150H Leach Peers IV	All	FC	Family & Consumer Science
FC511150h Teaching as a Profession	All	FC	Family & Consumer Science
FC531150h Curriculum and Instruction	All	FC	Family & Consumer Science
FC541150H Early Childhood as a Profession	All	FC	Family & Consumer Science
FC551150H Curiculum and Instruction in ECE	All	FC	Family & Consumer Science
FC631150H CASL Peers	All	FC	Family & Consumer Science
FC701150H Teacher Academy	All	FC	Family & Consumer Science
FC721150H Teacher Academy Practicum	All	FC	Family & Consumer Science
JD011150N JDG 9	All	JD	JDG
JD021150N JDG 10	All	JD	JDG
JD031150NJDG 11	All	JD	JDG
JD041150N JDG 12	All	JD	JDG

ENGLISH

ENGLISH			
COURSE CODE COURSE NAME			
LA012250S English I HNRS			
LA011150S English I			
LA011160S English I			
LA011161N English I			3 3
LA011162N English I			
LA011163N English I			
LA011170N English I			
LA011190N English I			
LA022250S English II HNRS			3 3
LA021150S English II			
LA021160S English II			
LA021161N English II			
LA021162N English II			3 3
LA021163N English II			
LA021170N English II			
LA021190N English II			
LA033350N AP English Language			
LA032250S English III HNRS	Honors	LA	Language Arts
LA031150S English III			
LA031160S English III			3 3
LA031161N English III	Resource	LA	Language Arts
LA031162N English III	Int B	LA	Language Arts
LA031163N English III	CASL	LA	Language Arts
LA031170N English III	ELL	LA	Language Arts
LA031190N English III	CR	LA	Language Arts
LA034450H English III Humanities	Reg	LA	Language Arts
LA043350N AP English Literature	AP	LA	Language Arts
LA042250H English IV HNRS	Honors	LA	Language Arts
LA041150N English IV	Reg	LA	Language Arts
LA041160N English IV	SAM	LA	Language Arts
LA041161N English IV	Resource	LA	Language Arts
LA041162N English IV	Int B	LA	Language Arts
LA041170N English IV	ELL	LA	Language Arts
LA041190N English IV	CR	LA	Language Arts
LA211150H Creative Writing I	All	LA	Language Arts
LA221150H Creative Writing II	All	LA	Language Arts
LA251150H Creative Writing III	All	LA	Language Arts
WILLIAM PENN HIGH SCHO	OL COURSE CATALO	G 2021-2022	

HIGT OF GOOKSES COOKSES			
LA511150H Journalism I	. All	LA	Language Arts
LA521150H Journalism II			
LA611150H Introduction to Theater			3 3
LA571150N Linguistics			5 5
LA581150N DTCC Foundations of College English			
LA591150N DTCC ENG 101 Critical Think& Acad Writing			
LA601150N DTCC ENG 102 Composition and Research.			
LA631150H Theater Production II			
LA641150H Theater Production III			5 5
LA651150H Stage Crew I			5 5
LAG61150H Stage Crew II	.All	LA	Language Arts
LA711170N Beginning English			
LA998170N ELL Peers			
LA998270N ELL Peers	. All	LA	Language Arts
MATH			
COURSE CODE COURSE NAME			
MA012250S Integrated Math I HNRS			
MA011150S Integrated Math I			
MA011160S Integrated Math I			
MA011161N Integrated Math I	.Resource	MA	Math
MA011162N Integrated Math I	. Int B	MA	Math
MA011163N Integrated Math I			
MA011190N Integrated Math I	.CR	MA	Math
MA022250S Integrated Math II HNRS			
MA021150S Integrated Math II	.Reg	MA	Math
MA021160S Integrated Math II	.SAM	MA	Math
MA021161N Integrated Math II			
MA021162N Integrated Math II			
MA021163N Integrated Math II			
MA021190N Integrated Math II			
MA032250S Integrated Math III HNRS			
MA031150S Integrated Math III			
MA031160S Integrated Math III	_		
MA031161N Integrated Math III			
MA031162N Integrated Math III			
MA031163N Integrated Math III			
MA031190N Integrated Math III			
MA052250S Pre-Calculus HNRS			
MA051150S Pre-Calculus			
MA061150S Calculus			
MA063350N AP Calculus BC			
MA063350S AP Calculus AB			
MA062250S Calculus HNRS			
MA073350S AP Statistics			
MA072250S Statistics HNRS			
MA071150S Statistics			
MA081150B Finance Math	_		
MA081160B Finance Math			
MA081161B Finance Math			
MA081190B Finance Math			
MA101162N Finance Math	.Int B	MA	Math
	- ·	3.6.4	3.5 .3

PHYSICAL EDUCA				D-D-1-D-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
	. COURSE NAME			
	. Physical Education I			
	. Physical Education I CASL			
	. Physical Education I			
	. Physical Education II			
	. Physical Education II CASL			
	. Physical Education II			
	. Fitness For Life			
	. Health			
PE211163N	. Health	CASL	HLTH	Health
PE231190N	. Health	All	HLTH	Health
PE241150N	. Adaptive Physical Education	All	PE	Physical Education
ROTC				
	. COURSE NAME	LEVEL	DEPT	DEPARTMENT NAME
	. ROTC Leadership I			
	ROTC Leadership II			
	ROTC Leadership III			
	ROTC Leadership IV			
RO141150B	. ROTC Leadership IV	All	RO	AFROIC
SCIENCE				
	. COURSE NAME			
SC012250NS	. Science I Honors	Honors	SC	Science
SC011150NS	. Science I	Reg	SC	Science
	. Science I			
SC011161NN	. Science I	Resource	SC	Science
SC011162NN	. Science I	Int B	SC	Science
	. Science I			
	. Science IA			
SC021190N	. Science IB	CR	SC	Science
	. AP Biology			
	. Biology Honors			
	. Biology			
SC041190N	. Biology	CR	SC	Science
	. Science III			
	. Science III			
	. Science III			
	Science III			
	. Science III			
	Science III			
	Physics Honors			
	Physics			
	Paramedical Science			
	Anatomy & Physiology			
	. AP Chemistry			
	Chemistry HNRS			
	Chemistry			
	Chemistry			
	. AP Environmental Science			
	. Natural Resources and Ecology			
SC171150S	Environmental Science Issues	All	TS	Technology Sciences
	Forensics & Evidence			
	. AP Physics II			
SC213350S	. AP Physics C (Mechanics)	AP	SC	Science
	. DTCC CHM 100 General Chemistry			
	. DIGG GITM 100 Octicial Cheffinstry	D aat		
SC411150S	DTCC BIO 100 Medical Terminology			
SC411150S SC421150S		Dual	SC	Science

SOCIAL STUDIES				
	COURSE NAME			
	. AP Human Geography			
SS012250N	. Civics/Geography HNRS	Honors	. SS	. Social Studies
SS011150NS	. Civics/Geography	Reg	. SS	. Social Studies
	. Civics/Geography			
	. Civics/Geography			
SS011162NN	. Civics/Geography	Int B	. SS	. Social Studies
SS011163N	. Civics/Geography	CASL	. SS	. Social Studies
SS011190N	. Civics	CR	. SS	. Social Studies
SS021190N	. Geography	CR	. SS	. Social Studies
SS033350H	. AP Macro Economics	AP	. SS	. Social Studies
SS032250S	. Economics HNRS	Honors	. SS	. Social Studies
	. Economics			
	Economics			
	Economics			
	Economics			
	Economics			
	Economics			
	. AP US History			
	. US History HNRS			
SS041150S	. US History	Reg	. SS	. Social Studies
	. US History			
SS041161N	. US History	Resource	. SS	. Social Studies
	. US History			
	. US History			
SS041190N	. US History	CR	. SS	. Social Studies
SS044450H	. US History Humanities	All	. SS	. Social Studies
SS051150H	Sociology	All	. SS	. Social Studies
	. AP Psychology			
	Psychology			
	. Military History			
	. AP Modern World History			
	. World History HNRS			
	. World History			
	Introduction to Legal Studies			
	. WU CRJ 101 Criminal Justice			
	. WU CRJ 205 Criminology		. 55	. Social Studies
SS201150H		A 33		
	. Applied Legal Studies		. SS	. Social Studies
SS221150H	. Applied Legal Studies	All	. SS	. Social Studies . Social Studies
SS221150H SS231150H	. Applied Legal Studies. . World Religions . World Cultures	All	. SS . SS	. Social Studies. Social Studies. Social Studies
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SS221150H SS231150H SS241150H SS251150H SS111150N TECHNOLOGY SC COURSE CODE TE451150H TE461150H	Applied Legal Studies World Religions World Cultures Contemporary World Views African American Studies DTCCPSY121 EIENCES COURSE NAME Foundations of Digital Design Processes of Digital Production	All	SS	. Social Studies . Technology Sciences . Technology Sciences
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1101 01	COURSES & COURSE I			
TE301150S	IT Essentials	All	. TS	. Technology Sciences
	Exploring Computer Science			
	AP Computer Science Principles			
	AP Computer Science A			
	Windows OS & Networking Fund			
	Introduction to Craft Skills			
	Blueprint Reading for Construction			
TE561150S	Construction Trades	All	TS	. Technology Sciences
VISUAL ARTS				
COURSE CODE	. COURSE NAME	LEVEL	. DEPT	DEPARTMENT NAME
VP001150H	Intro to Art (non-majors)	All	. VP	. Visual Arts
VP011150H	Art Design I	All	. VP	. Visual Arts
VP061150H	Studio Art Portfolio	All	. VP	. Visual Arts
	AP Studio Art			
VP121150H	Art Design II	All	. VP	. Visual Arts
VP131150H	Art Design III	All	. VP	. Visual Arts
	-			
MUSIC				
	. COURSE NAME			
VP191150H	Intro to Music (non-majors)	All	. MU	. Music
VP211150H	Beginning Chorus	All	. MU	. Music
VP221150H	Concert Choir	All	. MU	. Music
VP241150H	Select Ensemble	All	. MU	. Music
VP331150H	Intro to Steel Drums	All	. MU	. Music
VP341150H	Intro to Guitar	All	. MU	. Music
VP351150H	Advanced Guitar	All	. MU	. Music
VP361150H	Wind Ensemble	All	. MU	. Music
VP381150H	Concert Band	All	. MU	. Music
VP401150H	Music Production & Industry	All	. MU	. Music
VP401150H		All	. MU	. Music
VP401150H VP451150H	Music Production & Industry	All	. MU . MU	. Music . Music
VP401150H VP451150H VP461150H VP471150H	Music Production & Industry American Music History Advanced Piano Introduction to Piano	All	. MU	. Music . Music . Music . Music
VP401150H VP451150H VP461150H VP471150H VP511150H	Music Production & Industry American Music History Advanced Piano Introduction to Piano Advanced Steel Drums	. All	MU	. Music . Music . Music . Music . Music . Music
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VP401150H VP451150H VP461150H VP471150H VP511150H VP433350H VP481150H VP501150H	Music Production & Industry American Music History Advanced Piano Introduction to Piano Advanced Steel Drums AP Music Theory Theory and Ear Training Independent Music Study	All	MU	. Music . Music . Music . Music . Music . Music
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DISTANCE LEARNING			
COURSE CODE COURSE NAME	LEVEL	DEPT	DEPARTMENT NAME
DL01 Distance Learning	All	LB	Library
DL02 Early College Program			
DL1000 Introduction to Social Media			
DL1001 Sports & Entertainment MKT			
DL1002 Cosmetology			
DL1004 Fashion and Interior Design			
DL1005 Behavioral Science			
DL1006 Contemporary Lit			
DL1008 Gothic Literature			
DL1009 Folklore and Mythology			
DL1010 Finance Math			
DL1011 Statistics & Probability			
DL1012 Astronomy I			
DL1013 Biotechnology			
DL1014 Great Minds in Science			
DL1015 Philosophy I	All	SS	Social Studies
DL1016 AP Government and Politics			
DL1017 Social Problems I			
DL1018 Social Problems II			
DL1019 Anthropology I			
DL1020 Anthropology II			
DL1021 Archaeology			
DL1022 Art in World Cultures			
DL1023 History of the Holocaust			
DL1024 Foundations of Programing			
DL1025 Spanish for Spanish Speakers			
DL1026 Hospitality & Tourism			
DL1028 Peer Counseling			
DL1029 Real World Parenting			
DL1031			
DL1032 Art History and Criticism Honors DL1033 Forensic Science I			
DL1033 Forensic Science I			
DL1034 Veterinary Science			
DL1036 College and Career Readiness			
DL1037 Leadership Skills Development			
DI.1038 Marine Science			-
DL1039 Your Digital Footprint On Social Media			
DL1040 Digital Information Technology			
DL1041 English I			
DL1042 English II			5 5
DL1043 English III			
DL1044 English IV			
DL1045 Integrated Mathematics I			
DL1046 Integrated Mathematics II			
DL1047 Integrated Mathematics III			
DL1048 Probability and Statistics Honors			
DL1049 AP Calculus BC			
DL1050 Calculus Honors	Honors	MA	Math
DL1051 Astronomy II	All	SC	Science
DL1052 Physics	All	SC	Science
DL1053 Spanish I	All	WL	World Languages
DL1054 Spanish II			
DL1055 Spanish III			
DL1056 Spanish IV	All	WL	World Languages
DL1057 Intro to Manufacturing,			
Product Design & Innovation			
DL1058 Introduction to Military Careers			
DL1059 Critical Thinking and Study Skills			
DL1060 Introduction to 3D Printing	All	TS	Technology Sciences

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

Elizabeth P. Fleetwood- Assistant Superintendent 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

 $OCR\ Electronic\ Complaint\ Form:\ https://www2.ed.gov/about/offices/list/ocr/complaint intro.html$

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

Questions about WPHS Degree Programs...?

Email wphs@colonial.k12.de.us

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Colonial SCHOOL DISTRICT



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.