

ASSUMPTION HIGH SCHOOL 2023-2024 COURSE CATALOG



COURSE SELECTION POLICY

Each year students select courses for the next school year with the help of their homeroom teachers, the dean of studies, the guidance counselors, and teachers. Students are responsible for noting the prerequisites for courses, if any, and following recommendations on the online form. Parents will log into the parent PowerSchool account to view the course selections and by doing so, indicate approval of courses. Students need to finalize discussions with teachers, deans, and guidance counselors and submit by March 21.

FINANCIAL COMMITMENT: This year registration fees will be invoiced using Blackbaud Tuition Management which will allow you to securely pay the registration fee of \$225. Paying the registration fee and completing the tuition selection are required to guarantee your daughter’s course selections and allow her to be considered for financial aid and/or scholarships.

COURSE REGISTRATION: Information for selecting courses will be shared via our weekly Rocket Report, class meetings with your daughter, and information sessions for parents. Students will begin conferencing with their current teachers about next year in early March. As a reminder, course selections are made through the parent PowerSchool portal which will open on March 16 after school. After a selection of classes have been made, you must print and sign her selection form before she turns it in during school on March 21.

Once a student submits her course selection form and financial commitment has been completed, every effort is made to accommodate her requests and the master schedule is developed. For this reason, a student who is granted a change from her original schedule is assessed a \$20 course change fee.

The school reserves the right to cancel a course or refuse a schedule change. As a school committed to meet the individualized needs of our students, courses with insufficient numbers may be cancelled.

COURSE LEVELS OF DIFFICULTY

The quality points, which determine class decile, are based on semester grades and levels of the classes. The grade-point average is based on final grades as noted on page 51 of the Student/Parent Handbook.

Courses are leveled according to the degree of difficulty and the depth of subject matter, as well as the requirements of the course. All levels are part of a pre-college curriculum.

AP - Advanced Placement; College Board approved course; students prepare to take AP exams. Students will pay the required fee for each exam in January. (Course numbers ending in a 0 are AP.)

DC - Dual Credit (DC) college-level course; credit may be earned through Western Kentucky University, University of Louisville, or JCTC. See each course for eligibility information. The state of Kentucky requires at least a 2.5 GPA for Dual Credit enrollment. (Course numbers ending in 1 are DC.)

AD - Advanced; accelerated college preparatory course for students capable of the most rigorous high school curriculum. (Course numbers ending in a 2 are Advanced.)

HI - Honors I; college preparatory course for students capable of in-depth consideration of concepts and more independent study and research. (Course numbers ending in a 3 are Honors I.)

H - Honors; college preparatory course based on standard high school curriculum. (Course numbers ending in a 4 are Honors.)

AC - Academic; college preparatory course for freshman and sophomore students requiring emphasis on basic skills. (Course numbers ending in a 5 are Academic.)

ONLINE INSTRUCTIONS

COMPLETE LONG-TERM PLANNING GUIDE: Make sure you have completed the long-term planning guide to aid you in your registration. It is very important that you know the proper level for each course.

LOG ON: Log into PowerSchool using Chrome or Firefox (you can access this through the website ahsrockets.org) with your PARENT’S USERNAME AND PASSWORD and click on “class registration” the side menu bar. (Test this username SOON!) If you cannot recall your password or username, click the blue “Forgot Username or Password?” link at bottom of page. Only PowerSchool can help you change your username and password.

CHOOSE YOUR CLASSES: Teachers will conference with students March 13 and 14. Registration will OPEN on Tuesday, March 14. Please follow the directions on PowerSchool to choose your classes from the drop-down menu for each course. When you have chosen all of your courses, click “Submit” and you will go to the screen that will allow you to print and finalize your registration. If you see something that is incorrect, click the blue hyperlink that says “Make changes to your request” and it will take you back to the previous screen. Make any necessary changes and click “Submit” again.

FINALIZE YOUR REGISTRATION: If all of your classes and levels are correct, click in the box that says “I am ready to finalize my registration” and then click on the button that says “Finalize and Print Registration.”

PRINT: Click Print Registration.

TEACHER SIGNATURES: Obtain all necessary teacher signatures.

PARENT SIGNATURES: Have a parent/guardian sign the bottom of the form and turn into your deans, who will be collecting on Tuesday, March 21, in the Atrium.

IF YOU HAVE MADE A MISTAKE AFTER YOU HAVE FINALIZED OR IF YOUR TEACHER DOES NOT RECOMMEND YOU FOR A CERTAIN LEVEL OR CLASS: Please request Mrs. Fieldhouse, Mrs. Schuhmann, or Mrs. Fleischer to “unfinalize” your registration so you may make corrections or updates. Your deans will be available during study halls March 16 and 17 and collecting your forms all day March 21.

FINAL REGISTRATION DEADLINE: Your completed registration should be finalized by Tuesday, March 21.

ASSUMPTION REQUIRED CREDITS FOR GRADUATION

Class	Credits	Comments
Theology	4	Must be taken all four years
English	4	Must be taken all four years
Math	4	Must be taken all four years
Science	3	3 Lab Sciences Required: Biology/Princ of Biomed, Chemistry Highly Recommended: Physics
World Language	2	---
Geography	½	---
U.S. History	1	---
World History	1	---
Government	½	---
Fine Arts	1	*See Note starting with Class of 2025
Humanities/Fine Arts	½ each	Class of 2024
Public Speaking	½	---
Health	½	---
Physical Education	½	---
Electives	5 ½	---
Applied Digital Skills	¼	*New starting with Class of 2024
TOTAL CREDITS	28¼*	

Note: Any combination of visual, performing, and non-performing arts can fulfill this 1.0 credit requirement. Rising seniors who need to fulfill their Humanities requirement should take Intro to the Arts or AP Art History or AP Music Theory.

KHEAA Dual Credit Scholarship (DCS)

Will pay for two General Education dual credit courses for Kentucky residents for both 11th AND 12th grade

College/University	AHS Course	College/University Course (credit hours)	
Jefferson Community and Technical College	DC Public Speaking	COM 181	(3)
	DC PreCalculus	MAT 171	(5)
	DC Calculus	MAT 175	(5)
	DC World Religions	REL 200	(3)
University of Louisville	DC English IV	ENG 101	(3)
	DC English IV	ENG 102	(3)
Western Kentucky University	DC World History	HIST 102	(3)
	DC Spanish III	SPAN 102	(3)
	DC Spanish IV	SPAN 201	(3)
	DC French III	FREN 102	(3)
	DC French IV	FREN 201	(3)

KHEAA Work Ready Dual Credit Scholarship

Will pay for up to two courses each year of high school (9-12) for a course at is in a Career and Technical pathway course.

College/University	AHS Course	College/University Course (credit hours)	
Western Kentucky University	DC Intro to Business	BUS 100	(3)
	DC Personal Finance	FIN 161	(3)
University of Louisville	DC Human Development and Learning	EDTP 107	(3)
	DC The Teaching Profession	EDTP 201	(3)
	DC Foundations of Instruction	EDTP 215	(3)

ASSUMPTION HIGH SCHOOL DUAL CREDIT

COURSES AVAILABLE

WESTERN KENTUCKY UNIVERSITY

- BUS 100 - Intro to Business
- FIN 161 - Personal Finance
- SPAN 102 - Spanish III
- SPAN 201 - Spanish IV
- FREN 102 - French III
- FREN 201 - French IV
- HIST 102 - World History

JCTC (KCTCS)

- COM 181 - Public Speaking
- REL 130 - Intro to Comparative Religions
- MAT 171 - PreCalculus*
- MAT 175 - Calculus*

UNIVERSITY OF LOUISVILLE

- ENG 101 - English IV
- ENG 102 - English IV
- EDTP 215 - Foundations of Instruction
- EDTP 201 - The Teaching Profession
- EDTP 107 - Human Development and Learning

USERNAMES & PASSWORDS

Western Kentucky

UN:

PW:

JCTC

UN:

PW:

Louisville

UN:

PW:

Dual Credit courses provide Assumption High School students the opportunity to fulfill their high school graduation requirements while simultaneously earning credit on a college transcript.

BENEFITS OF DUAL CREDIT:

- Highly qualified faculty with advanced course work in the subject matter who are approved by the partnering college or university
- Greatly reduced cost per credit hour - currently capped at \$91 per credit hour
- Scholarships available through KHEAA for up to two courses per year for 11th and 12th grade students
- Separate KHEAA Work Ready Dual Credit scholarships available for the teaching and business courses for up to two courses per year for all high school students.
- Easily transferable credit to most colleges and universities in the state of Kentucky and nationwide

**transfer credits are awarded at the discretion of receiving institution.*

STEPS FOR DUAL CREDIT COURSES

APPLY

During your daughter's first days of class, Mrs. Fieldhouse and her teacher will guide your daughter through her application as a dual credit student.

CREATE ACCOUNTS

Your daughter will receive an email guiding her through the steps to create an account with each partnering college or university. She needs to very carefully follow these steps to establish her relationship with the school so she can pay for the course and ultimately send her transcript to the school where she will continue her post-secondary education.

Use the space to the left to record usernames and passwords for safe keeping until you need them again!

PAY

Each university charges approximately \$91 per credit hour and your daughter can view and pay her bill using the account(s) created above. Tuition is due by November 1 for fall courses and April 1 for spring courses. Please check each university website to ensure your payment is fulfilled and on time!

THE DUAL CREDIT SCHOLARSHIP

The state of Kentucky offers a scholarship for any student enrolled in a dual credit course. Students must create an account at KHEAA.com and apply by designating the school to receive the scholarship. This application is open and must be completed by October 1. When awarded, the funds will be sent **directly to the** college or university. Students should check both her university and KHEAA accounts to ensure that tuition has successfully been paid.

UN:

PW:

REQUEST

Once your daughter has graduated, she must login to each of her college or university accounts to request a transcript to be sent to the school where she will continue her post-secondary education.

BUSINESS & COMMUNICATION

ADVANCED ACCOUNTING I

½ Credit | Grades 11, 12

Advanced 2502

Prerequisite: Advanced or Honors I level Math teacher recommendation

This introductory course covers accounting theory and the accounting cycle for corporations. The central objective of this course is to introduce students to the role of accounting in business, the accounting model, and basic financial accounting concepts. This course is highly recommended and beneficial for those who wish to obtain a degree in any area of business while in college.

ENTREPRENEURSHIP

½ Credit | Grades 11, 12

Honors 2114

Affiliated with Junior Achievement, this course introduces the American economic system, including supply and demand, production and marketing, and the stock market. Students organize and run a company, manufacture and sell a product, buy stock in their company, and earn money from the profits made by selling the product. A stock game enhances this process. A community businessperson visits weekly to supplement the text. This course is highly recommended for those students who wish to own their own business in the future.

BUSINESS LAW I

½ Credit | Grades 11, 12

Honors I 2303

This course introduces the application of legal principles and procedures to personal business problems. It deals with present-day criminal and civil laws and how they relate to minors. Included in the course are units on the Kentucky court system and DUI laws. Community speakers enhance the class. This course is very beneficial for those who wish to obtain a degree in business or any other major/career option in college.

DC INTRODUCTION TO BUSINESS

½ Credit | Grades 11, 12

DC - 2401

Available for dual credit through Western Kentucky University.

Prerequisite: Any teacher signature

This class qualifies for dual credit through Western Kentucky University as defined in the following

WKU course description: BUS 100C. Introduction to Business is designed to serve students regardless of their major fields. The course provides students with a survey of the business world from an organizational standpoint; that is, foundations of the social, legal, competitive, and economic environment of business organizations. The course also include the fundamentals of the importance of the internal organizational structure, effective information systems, planning, management, and how the key functions of business organizations, such as human resources administration, labor management relations, marketing, finance, insurance, and accounting operate within organizations.

DC PERSONAL FINANCE

½ Credit | Grades 11, 12

DC 2222

Available for dual credit through Western Kentucky University.

Prerequisite: Any teacher signature

This class qualifies for dual credit through Western Kentucky University as defined in the following WKU course description: FIN 161 Personal Finance. This course is designed to serve the personal finance needs of students regardless of their major fields. The curriculum includes practical applications in personal and family financial planning, including credit, buying, borrowing, banking, insurance, investments, taxation, estate planning, and home ownership.

PERSONAL FINANCE

½ Credit | Grades 11, 12

Honors 2224

This class is designed to help students learn and apply valuable life skills in money management, career planning, saving and investing, credit management, and retirement planning. By exploring successful strategies to grow and protect wealth, students will discover the richness of information available to manage their lives and their resources. This course is relevant to those starting down the path to personal financial independence.

JOURNALISM I: MEDIA

½ Credit | Grades 10, 11

Advanced 3372

Prerequisite: English teacher recommendation

This course studies the fundamentals of journalistic information gathering, writing, and editing. In addition, students will study the basics of broadcast, photojournalism, and print design. Students will have the chance to learn about and create articles, photos, videos, news packages, and spreads for publication. This course is a prerequisite for all students interested in taking Digital Journalism or Yearbook Journalism in the 2023- 24 school year and is open to qualified students in all levels.

“My favorite part of Entrepreneurship was being able to work with others to create a product that we were proud of. It showed me how much work goes into making something by hand and the process of marketing and selling a product.”

-Liz R. '20

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DIGITAL JOURNALISM

1 credit – Grades 11, 12

Advanced: 3472

Prerequisite: Journalism I: Media or art/photography teacher recommendation

This course expands upon concepts studied in Journalism I: Media and runs as a “hands-on” experience allowing students to explore the many different skills within broadcasting, video productions, and digital media. Students will produce school news broadcasts and video projects including social media posts, public service announcements, multimedia storytelling, and more. Students will publish our online news website, *RocketLaunch*. Students have access to a wide variety of technology, including cameras, audio mixers, video editing software, live production video switchers, and more. Students use course content to become knowledgeable consumers and producers of media. If the student chooses, she can travel to the national high school journalism convention during the fall semester. Students can opt to take this elective for two years.

Business & Communication Clubs:

- Future Business Leaders of America
- Film Studies Club
- Speech and Debate



nalism convention during the fall semester. Students can opt to take this elective for two years.

YEARBOOK JOURNALISM

1 Credit – Grades 11, 12

Advanced: 3482

Prerequisite: Journalism I: Media or Graphic Design Art/Graphic Design or Photography teacher recommendation

This course expands upon concepts studied in Journalism I: Media and focuses on advanced copywriting and editing, photography, layout and design, and ad design. Students publish the school yearbook, *The Rosecast*, using the program Encore. They will also be able to use Photoshop and digital photography skills. Students are required to put in hours after school and on weekends for photo shooting assignments as well as sell some advertising. Students are required to return after graduation to complete final yearbook spreads. While it is not required, graphic design and photography courses will contribute to the student's skills needed for publication production. The class is unique because it runs as a staff as opposed to a more traditional classroom. Students will use the class as a workshop to complete their work for the publication. If the student chooses, she can travel to the national high school journalism

convention during the fall semester. Students who elect to take this course will apply for a desired position on the staff and will be evaluated according to the individual job description of that position. Experience, other pertinent coursework, and performance in Journalism I are all items that contribute to obtaining leadership roles on the publications staff.

PUBLIC SPEAKING

½ Credit | Grades 11, 12

Honors 3414

DC 3411

Available for dual credit through JCTC. A minimum GPA of 3.0 or an ACT score of 18 in English and 20 in Reading is required.

This course investigates the communication process, speech preparation, and execution. It will help students become critical, discriminating listeners. Students will gain confidence as they organize, deliver, and evaluate various types of speeches: personal experience, demonstration, informative, persuasive, impromptu, and special occasion. Students in DC Public Speaking may earn dual credit.

“I love writing, creating stories, taking and editing photos, and even making videos. I knew by taking Journalism I would get to integrate all of these things and do something that I enjoy.”

-Abby B. '20

SCIENCE & AVIATION

BIOLOGY

1 Credit | Grade 9

Advanced 8112

Honors I 8113

Honors 8114

Academic 8115

This foundational course studies the structure and function of living organisms from the molecular, cellular, selected organs, organ systems, and whole organism levels. Special emphasis is placed on the interdependency of organisms and complexities of the patterns of life. Students perform laboratory experiments, engage in group work, create projects, and construct models to expand their knowledge of living systems.

PRINCIPLES OF BIOMEDICAL SCIENCE

1 Credit | Grade 9

Advanced 8122

Honors 8124

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

CHEMISTRY I

1 Credit | Grade 10

Advanced 8212

Honors I 8213

Honors 8214

Academic 8215

This course examines the classification and properties of matter, atomic structure, molecular structure, chemical bonding, chemical equations, and stoichiometry. Also included are an analysis of the periodic table, graphing techniques, and safe laboratory procedures. Lab experiments are performed.

ADVANCED CHEMISTRY II

1 Credit | Grades 11, 12

Advanced 8502

Prerequisites: Chemistry I, Chemistry teacher recommendation

A continuation of Chemistry I, this course delves into topics not covered during the introductory course such as equilibrium, kinetics, thermodynamics, and

beginning organic chemistry. Laboratory skills will be expanded with an emphasis on becoming independent operators in the lab.

AP CHEMISTRY II

1 Credit | Grades 11, 12

AP 8410

Prerequisites: Chemistry teacher recommendation, Algebra II (or higher) teacher recommendation
This course builds heavily upon the foundation laid in Advanced Chemistry I and includes advanced topics in atomic structure, structure and properties of compounds, intermolecular forces, solubility, equilibrium, redox, kinetics, electrochemistry, and acid-base systems. As required by College Board, students will spend approximately 25% of class time on lab work, which will reinforce concepts learned in the classroom. Preparation for the AP exam is expected.

PHYSICS

1 Credit | Grades 11, 12

Advanced 8422

Honors I 8423

Honors 8424

Prerequisites: Chemistry, math teacher recommendation

This lab-based course provides students a background to understand physics concepts and how the concepts apply to their daily lives. Topics covered include motion, sound, light, forces, collisions, work, and energy. Concepts covered serve as a sound foundation for future scientific studies at the high school or college level. The course combines theory, hand-on labs, and mathematical applications.

AP PHYSICS C: MECHANICS

1 Credit | Grades 11, 12

AP 8450

Prerequisites: Student must be currently taking, or have taken, Calculus. Physics I is highly recommended but not required to take this course. Chemistry, math teacher recommendation required
This course will be offered instead of the algebra-based AP Physics. Designed for engineers, this course explores concepts such as kinematics; Newton's laws of motion, work, energy, and power; systems of particles and linear momentum; rotation; oscillations; and gravitation. Students will engage in hands-on laboratory work and in-class activities to investigate phenomena and use calculus to solve problems.

BIOTECHNOLOGY

1 Credit | Grades 11, 12

Advanced 8802

Prerequisites: Biology I, Chemistry I, Biology teacher recommendation

This course is a microbiology and genetics course which explores its applications in medical technology, food production, and remediation of contaminated environments. The goal of biotechnology is to learn and apply these concepts to commercial and humanitarian approaches to support human individuals, societies, and the environment in which humans live. Laboratory skills attained in this course include (but are not limited to) bread production through fermentation, oil immersion microscopy, gram staining, water testing for various chemicals, and developing and maintaining an artificial ecosystem.

ADVANCED BIOLOGY II

1 Credit | Grades 11, 12

Advanced 8432

Prerequisites: Biology, Biology teacher recommendation

A continuation of Biology I, this course will both review and delve deeper into genetics and evolution. Students will then explore organisms in each kingdom through labs, field trips, projects, and research. Interdependence of organisms, environmental effects, and major unifying biological concepts will be incorporated. Laboratory experiences include genetically engineering bacteria, growing mushrooms, raising fish, hatching chicks, optional dissections, and more. The course concludes with botany and field trips to several local businesses and the Red River Gorge.

AP BIOLOGY II

1 Credit | Grades 11, 12

AP 8430

Prerequisites: Biology, Chemistry, and Biology teacher recommendation

This intensive course includes a detailed study of molecular biology, explores the role of genetics in evolution, and includes a comparative study of microorganisms, plants, animals, physiology, and their impact on the environment. Preparation for the AP exam is expected, and laboratory attendance outside of regular class time is required.

AP ENVIRONMENTAL SCIENCE

1 Credit | Grades 10, 11, 12

AP 8440

Prerequisite: Biology or Chemistry teacher recommendation. See Course Levels of Difficulty for further requirements.
This course examines the scientific principles, concepts, and laboratory investigations required to understand

the interrelationships of the natural world, to identify and analyze environmental problems both natural and human made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

SUSTAINABILITY AND FOOD SYSTEMS

½ Credit | Grades 11, 12

Honors 8474

Prerequisite: Biology, Chemistry

Food and agriculture are unique in their direct impact on the economy, climate, and human health. In this course, students will explore topics of sustainability by studying food systems and methods of growing food. More specifically, the class will take a hands on approach to understanding how plants are grown on conventional farms and regenerative farms, how these growing methods affect soil health, water cleanliness, carbon cycling, climate change, ecosystem health, and ultimately human health. Students will view each of these topics using the critical concerns of the Sisters of Mercy including earth care, immigration, non-violence, racism, and women's rights. Students will work in the vegetable gardens on campus and will also take field trips to different farms in the area.

ANATOMY AND PHYSIOLOGY

1 Credit | Grades 11, 12

Advanced 8442

Prerequisite: Biology teacher recommendation needed for advanced level

This lab course investigates the structure and function of the tissues, organs, and systems of the human body. Lab experiments and dissections are required.

PLTW: HUMAN BODY SYSTEMS

1 Credit | Grade 11, 12

Honors 8484

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

MARINE BIOLOGY

½ Credit | Grades 10, 11, 12

Honors 8464

This course investigates the world's diverse marine ecosystems. Students explore the marvels of marine life and their interdependency upon one another and their environment. Marine organisms and oceanography, along with environmental issues, are studied in depth.

FORENSIC SCIENCE I

½ Credit | Grades 11, 12

Advanced 8602

Honors 8604

This semester course provides students with an understanding of the basic foundations of forensic science. Students will use their analytical skills and prior scientific knowledge to evaluate typical circumstantial evidence. Topics include analysis of fingerprints, hair, fiber, blood, and ballistics. Students will get an opportunity to use hands-on activities that demonstrate forensic science techniques used in the field. In addition, students will examine case studies of real crime scenarios that enhance their understanding.

FORENSIC SCIENCE II

½ Credit | Grades 11, 12

Advanced 8702

Prerequisites: Forensic Science I, Forensic Science I teacher's recommendation

This semester course provides students with an understanding of the field of forensic biology. Students will use their analytical skills and prior scientific knowledge to evaluate biological evidence. Topics include analysis of DNA, interpretation of toxins, and an examination of human remains. In addition, students will examine how human pathology is used to gather evidence.

INTRO TO AVIATION AND AEROSPACE

½ Credit | Grades 9

Honors I 8932

In this introductory course to Assumption's Aviation Program, students explore the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will dive into various sectors of aviation and the elements that make up the aviation and aerospace ecosystem while exploring a variety of career opportunities in aviation and aerospace. Students will gain historical perspective of the aviation industry while also studying modern innovations and developing their own innovative ideas to address real-world challenges facing the industry. Students apply to the Aviation Program and meet during their study block once every four days. Curriculum is sponsored by the AOPA.

FOUNDATION IN FLIGHTS AND AIRCRAFT SYSTEMS

1 Credit | Grade 10, 11, 12

Advanced 8942

In this course, students will understand how aircraft are categorized, be able to identify their parts, and learn about aircraft construction techniques and materials. They will gain an in-depth understanding of the forces of flight—lift, weight, thrust, and drag—including how to make key calculations. Furthermore, students

will study systems that make manned and unmanned aircraft work as well as the instrumentation powered by those systems including aircraft powerplants and fuel systems, electrical systems, pitot-static systems, and vacuum systems. Lastly, students will learn about the factors that affect aircraft performance and how to determine critical operating data for aircraft. Students apply to the Aviation Program and meet during their study block once every four days with a mandatory three-day summer kickstart. Curriculum is sponsored by the AOPA.

THE FLYING ENVIRONMENT AND FLIGHT PLANNING

1 Credit | Grade 11, 12

Advanced 8931

Prerequisite: Foundations in Flights and Aircraft Systems or recommendation of Aviation instructor
Topics include pre-flight procedures, airspace, radio communications, aviation phraseology, regulations, airport operations, aviation safety, weather, cockpit management, emergency procedures, and remaining topics necessary for students to take the Federal Aviation Administration's Private Pilot Knowledge Test. Students will learn pilot and aircraft qualifications, cross-country flight planning, weight and balance, performance and limitations, human factors, chart use, night operations, navigation systems, and aeronautical decision making. Students will be provided the opportunity to participate in multiple practice examinations. At the end of this course, a school may choose to arrange for students to be signed off to take the Federal Aviation Administration's Private Pilot written exam. Students meet during their study block once every four days with a mandatory three-day summer kickstart. Curriculum is sponsored by the AOPA.

FLIGHT TEST PREP

½ Credit | Grade 12

Advanced 8941

Prerequisites: Foundations of Flight and The Flying Environment or Aviation Instructor recommendation
This course is to prepare for the Private Pilot Knowledge Test and Part 107 Remote Pilot Test. Students review concepts from prior courses and participate in multiple practice FAA examinations.

MATH & COMPUTER SCIENCE

ALGEBRA I

1 Credit | Grade 9
Advanced 6102
Honors I 6103
Honors 6104
Academic 6105

In this course, standard Algebra I skills are introduced and developed. Topics include inequalities, functions, linear equations, linear systems of equations and inequalities, exponents, polynomials, quadratics, and radicals.

ALGEBRA I LAB

½ Credit | Grade 9
Academic 6106

Students enrolled in Academic Algebra I (6105) are concurrently enrolled in this course for the first semester. The additional course helps students to better understand traditional Algebra I concepts by moving through the material at an academically appropriate pace. Students will have the opportunity to review basic math concepts in order to be successful in a traditional Algebra I course.

GEOMETRY

1 Credit | Grades 9, 10
Advanced 6202
Honors I 6203
Honors 6204
Academic 6205

Prerequisites: Algebra I, previous math teacher recommendation
This course includes application of geometric relationships and principles. Topics can include inductive and deductive reasoning, points, lines, planes, angles, triangles, quadrilaterals, polygons, circles, coordinate geometry, area, volume, and transformations. Algebra skills are reinforced throughout this course.

ALGEBRA II

1 Credit | Grades 9, 10, 11
Advanced 6302
Honors I 6303
Honors 6304

Prerequisites: Algebra I and Geometry, previous math teacher recommendation
This course builds upon the knowledge gained in Algebra I. Topics can include the study of functions (linear, quadratic, polynomial, rational), systems of equations

and inequalities, polynomials, rational expressions, conics, and the complex number system. Sophomores in Advanced or Honors I Geometry may also take Advanced or Honors I Algebra II simultaneously.

PRECALCULUS

1 Credit | Grades 10, 11, 12
DC 6311
Advanced 6312
Honors I 6313

DC - Available for dual credit through JCTC; a minimum GPA of 3.2 is required and a minimum ACT score 23 in Math may also be required
Prerequisites: Algebra II, previous math teacher recommendation

Topics include functions and graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, analytic trigonometry and geometry, and an introduction to calculus.

COLLEGE ALGEBRA

1 Credit | Grade 12
Honors 6414

Prerequisites: Algebra II, previous math teacher recommendation

This course prepares college-bound students for the topics covered in a college algebra course. Topics include trigonometry, functions and their graphs, and a review of topics from algebra.

DISCRETE MATHEMATICS

1 Credit | Grade 12
Honors 6444

Prerequisites: Algebra II, previous math teacher recommendation

This course explores some of the less traditional topics in mathematics not covered in previous courses. Topics include problem solving, set theory, logic, consumer mathematics, measurement, probability, statistics, early number systems, and other topics that apply to life outside of the classroom.

APPLIED CALCULUS

1 Credit | Grades 11, 12
Advanced 6432

Prerequisites: Precalculus, previous math teacher recommendation

This course is an application-oriented calculus course. Topics include limits, derivatives, and integrals of algebraic functions and their applications.

DC CALCULUS I

1 Credit | Grades 11, 12
DC 6421

DC - Available for dual credit through JCTC; a minimum ACT score of 27 in Math is required if DC Precalculus was not completed through JCTC.

Prerequisites: Precalculus, previous math teacher recommendation

This is an integrated course in analytic geometry and calculus of single variable functions. Topics include limits, derivatives, and integrals of algebraic and transcendental functions and their applications.

AP CALCULUS AB

1 Credit | Grades 11, 12
AP 6420

Prerequisites: Precalculus, previous math teacher recommendation

Students are prepared for the AP Calculus AB exam. Topics covered are the same as those for DC Calculus I with additional application problems, tests, and assignments included to match the rigorous nature of the AP exam. Students must take the AP AB Exam in May.

AP CALCULUS BC

1 Credit | Grades 11, 12
AP 6530

Prerequisites: AP Calculus I AB, previous math teacher recommendation

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.



PROBABILITY AND STATISTICS

1 Credit | Grades 11, 12
Honors I 6433

Prerequisite: Previous math teacher recommendation
This course covers the basic concepts of probability and statistics and how these concepts relate to real-world applications. Topics include gathering and exploring data, recognizing the misuse and abuse of statistics, normal distributions, probability rules, confidence intervals, and hypothesis testing.

AP STATISTICS

1 Credit | Grades 11, 12
AP 6430

Prerequisites: Algebra II, previous math teacher recommendation

The AP course follows the College Board syllabus and is equivalent to a one-semester, non-calculus-based college statistics course. Topics include exploring data, normal distributions, producing data, probability rules and distributions, confidence intervals, and hypothesis testing.

3D PRINT AND DESIGN

½ Credit | Grades 10, 11, 12
Honors 2314

This is a semester-long introductory course of 3D printing and design. Students will learn about different types of 3D design and slicing programs, how to design and print 3D objects, and see how 3D printed objects are being used in the real world. Students will have the opportunity to design and print several 3D objects.

AP COMPUTER SCIENCE PRINCIPLES

1 Credit | Grades 11, 12
AP 2300

Prerequisite: Previous math teacher recommendation
This course covers the basic principles of computer science and will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. Students will use technology to address real-world problems and build relevant solutions. This course is designed to open a pathway for students to continue studies in college-level STEM and computing courses. Students will prepare for the AP exam and create a digital artifact to submit to earn AP credit. (Source: College Board)

AP COMPUTER SCIENCE A

1 Credit | Grades 11, 12
AP 2400

Prerequisite: Previous math teacher recommendation
This course introduces students to object-oriented programming and design using the Java programming language. Fundamental topics include the design of solutions to problems, the use of data structures to organize large sets of data, and the development and implementation of algorithms to process data and discover new information. Students will prepare for the AP CS-A exam through which college credit can be earned.

ROBOTICS

½ Credit | Grades 10, 11, 12
Honors 2304

This semester course is an introduction to robotics. It is a hands-on course where students have the opportunity to design and construct their own robots and then program them to complete certain tasks. Students will study the origins in addition to the current world of robotics, the different classifications of robots, as well as learn basic programming and engineering.

APPLIED DIGITAL SKILLS

¼ Credit | Grade 9 and Transfer Students
Honors 2206

This teacher facilitated online course is to be completed during first semester of freshman year, or in the case of transfer students, during the first semester of attendance. This course is completed during study and/or outside of school to provide practice with technology applications available at Assumption, allowing students to expand their digital skills and increase their cybersecurity knowledge. Students will view instructional videos, complete tasks, as well as take online assessments for this pass/fail grade.

VISUAL ARTS

INTRO TO THE ARTS

½ Credit | Grades 9, 10

*This course fulfills the Humanities requirement for students in the Class of 2024.

Advanced 1102

Honors 1104

This course introduces students to the world of visual and performing arts. Students will explore the arts by studying famous periods and works of art, drama, music, and architecture. The elements and principles of the arts will guide students in creating projects in these genres.

INTRO TO DRAWING & PAINTING

½ Credit | Grades 9, 10, 11, 12

Honors 1114

This course introduces students to a wide range of materials used to create two-dimensional artwork. Students will explore the basics of drawing and painting with ebony pencil, pen and ink, oil pastel, watercolor, and acrylic paint. The elements and principles of 2D art will guide the student in creating realistic works of art.

DRAWING I

½ Credit | Grades 10, 11, 12

Honors 1124

Prerequisite: Intro to Drawing and Painting

This is a class for anyone who has an interest in learning to draw. The class will focus on fundamental drawing skills. Students will learn about proportion and perspective, drawing from life, value and mark making, and how to use a variety of basic drawing media such as pencil, pen, charcoal, and colored pencils. Students will also learn about a variety of artists.

PAINTING I

½ Credit | Grades 10, 11, 12

Honors 1134

Prerequisites: Intro to Drawing and Painting

This is a class for the student who has an interest in learning to paint. Students will learn the fundamentals of creating art with acrylic and watercolor paints. Color theory and color mixing will be a major part of this class as students begin to work in this medium. Throughout the semester, students will study famous painters, the art movements with which they are associated, and their works.

DRAWING II

½ Credit | Grades 10, 11, 12

Honors I 1133

Prerequisites: Intro to Drawing and Painting, Drawing I

In this intermediate course, students will learn how to further apply the elements and principles of art to their artwork. Students will use a variety of media and processes including, but not limited to, colored pencil, charcoal, graphite, and printmaking. Students will explore these media along with different artistic styles as they create several works of art.

PAINTING II

½ Credit | Grades 11, 12

Honors I 1143

Prerequisites: Introduction to Drawing and Painting, Drawing I, Painting I

This is a class for the committed artist interested in developing her painting skills. The class will cover more advanced painting topics such as portraiture, abstract, and en plein air painting. Students will continue work with acrylic and watercolor paint but will also learn how to work with oil paints. Students will continue to study a variety of famous artists and their works.

DIGITAL PHOTOGRAPHY I

½ Credit | Grades 10, 11, 12

Honors 1614

Materials requirement: a DSLR camera with manual mode setting options

This course offers an introduction to the art and history of photography. Students will learn to edit photos in Adobe Photoshop and use different file formats. This course emphasizes the understanding of the elements and principles of photography to create technically and aesthetically strong photographs. Portraiture, action, landscape, and nature photography are some of the projects in this course.

DIGITAL PHOTOGRAPHY II

½ Credit | Grades 10, 11, 12

Honors I 1623

Prerequisite: a DSLR camera with manual mode setting options

In this course, students will learn more advanced digital photography techniques, such as shooting in manual mode, in order to develop their artistic voices. Students will continue to explore composition and lighting while expanding their experiences with various subject matters. There will be a greater emphasis on editing photos in Adobe Photoshop as well as learning experimental techniques. Through a studio approach that includes



critiques, field trips, and guest speakers, students will create a digital portfolio and display work throughout the semester.

AP DRAWING

1 Credit | Grades 11, 12

AP 1140

Prerequisites: Intro to Drawing and Painting, Drawing I and Painting I, Drawing II or Painting II, and teacher recommendation.

This is a college-level class in which students will add to their portfolio from Drawing II and Painting II. The portfolio will be developed around a personal theme that students expand on throughout the school year. Students will select their own subject matter and media for this course as they complete 12 original pieces will be sent to the College Board for judging.

AP 2D ART AND DESIGN

1 Credit | Grades 11, 12

AP 1150

Prerequisites: Photography I, Photography II, Graphic Design I, Graphic Design II, and teacher recommendation

This is a college-level class in which students will add to their portfolio from Drawing II, Painting II, Digital Photography II, and Graphic Design II. The portfolio will be developed around a personal theme that students expand on throughout the school year. Students will select their own subject matter and media for this course as they complete 12 original pieces. In May, digital images of the artwork and five selected originals will be sent to the College Board for judging. All artwork will be returned to the students.

For art courses requiring materials, there will be a \$40 art supply fee which will be paid to BNC when ordering textbooks.

INTRO TO CERAMICS & SCULPTURE

½ Credit | Grades 9, 10, 11, 12

Honors 1204

This course introduces students to a wide range of materials used to create three-dimensional artwork. Students will explore many different sculptural materials including cardboard, wire, plaster, and clay. The elements and principles of 3D art will guide the student in creating works of 3D art.

CERAMICS I

½ Credit | Grades 10, 11, 12

Honors 1414

Prerequisite: Intro to Ceramics & Sculpture

This course builds on the Elements and Principles of 3D Art and basic clay skills introduced in Introduction to Ceramics and Sculpture. Students will further explore their coil, pinch, and slab techniques and begin wheel throwing.

CERAMICS II

½ Credit | Grades 10, 11, 12

Honors I 1423

Prerequisite: Ceramics I

This course further develops the hand-building and wheel throwing techniques taught in Ceramics I. These skills are expanded upon in more complex forms and new surface techniques.

SCULPTURE

½ Credit | Grades 10, 11, 12

Honors I 1153

Prerequisite: Intro to Ceramics & Sculpture

This course builds on the elements and principles of 3D art and basic sculpture techniques introduced in Introduction to Ceramics and Sculpture. Students will work with plaster, clay, cardboard and metal to further explore casting, assemblage, as well as jewelry fabrication.

AP 3D ART AND DESIGN

1 Credit | Grades 11, 12

AP 1220

Prerequisites: Intro to Ceramics and Sculpture, Ceramics I, Ceramics II, and Sculpture or teacher recommendation. See Course Levels of Difficulty for further requirements.

This course is designed to allow the advanced art student the opportunity to further develop the skills taught in previous 3D art courses. It is an intense study of various three-dimensional techniques and media, resulting in an AP portfolio consisting of 16 works to be reviewed for college credit.

GRAPHIC DESIGN I

½ Credit | Grades 10, 11, 12

Honors 1514

Graphic Design I offers an introduction to the basic concepts of design through hands-on projects and computer manipulations. The elements and principles of design are

the focus. Students will use Adobe Photoshop and Illustrator to design and produce their own digital art pieces. Students will explore the evolution of design movements and designers who have impacted the field of graphic design.

GRAPHIC DESIGN II

½ Credit | Grades 11, 12

Honors I 1523

Prerequisite: Graphic Design I

This course offers a deeper dive into graphic design and focuses on the three main disciplines: design, illustration, and advertising. Students will continue to use Adobe Photoshop and Illustrator as tools to create artwork such as logos, illustrations, posters, and other informational graphics as well as learn about contemporary design trends. They will work with a client and practice the Design Thinking process.

AP ART HISTORY

1 Credit | Grades 10, 11, 12

AP 1630

Prerequisite: Advanced Social Studies or English teacher recommendation. See Course Levels of Difficulty for further requirements.

In the AP Art History course, students explore painting, sculpture and architecture from cave paintings to 21st century art. Students will learn about European art, as well as art from around the globe, as they discuss such topics as the nature of art, its uses, its meanings, art making, and responses to art. Students will prepare for the AP Art History exam through which college credit can be earned.

Visual Art Clubs:

- Art Club
- Photography Club
- National Art Honor Society

PERFORMING AND NON-PERFORMING ARTS

INTRO TO MUSIC

½ Credit | Grades 9, 10, 11, 12

Honors 10104

This course introduces students to the world of music. Students will explore music through guitar, singing, and the use of music technology. The elements of music will guide students in their creation of their final product.

CHAMBER CHOIR

1 Credit | Grades 9, 10, 11, 12

Honors I 10123

Prerequisite: Intro to Music and/or a vocal audition and signature from instructor

This is an intermediate level, full-year course which focuses on proper vocal production to produce good tone quality and basic music theory. This class concentrates on two- and three-part harmonization, sight singing, and some advanced techniques. Students may represent the school in various regional, state, and national forums. Students may take this course more than once.

ADVANCED CHOIR

1 Credit | Grades 10, 11, 12

Advanced 10202

Prerequisites: Intro to Music or Chamber Choir and signature from instructor. This is an advanced-level, full-year course for musically talented vocalists which emphasizes music reading, sight reading, advanced vocal techniques, and stylistic interpretation. This class concentrates on three- and four-part harmonization as well as advanced sight singing. Students may represent the school in various state, regional, and national forums. Students may take this course more than once.

ADVANCED INSTRUMENTAL ENSEMBLE

½ Credit | Grades 9, 10, 11, 12

Advanced 10402

Prerequisites for Advanced: Three or more years of private or class instruction, an audition, and a signature from instructor

This course is designed for students who would like

to play a traditional instrument in a small-group setting (violin, flute, clarinet, trumpet, oboe, etc.) Guitar, keyboards, and electric bass are **not** instrumental options. Students will practice and perform chamber music and advanced ensemble music. The school cannot provide an instrument for a student who does not have her own; it may be necessary for the student to rent one.

GUITAR I

½ Credit | Grades 10, 11, 12

Honors 10704

This semester course is designed for a beginning acoustic guitar player who has limited or no experience on the guitar. This course emphasizes music reading, sight reading, individual and group guitar techniques, and stylistic interpretation. Students will represent the school in school concerts. Students should have access to a guitar at home if possible, but for classwork a guitar will be provided.

GUITAR II

½ Credit | Grades 10, 11, 12

Honors I 10703

Prerequisites: Guitar I or private lessons (which include note reading) and signature from instructor. This semester course is designed for the student who has had previous experience playing the guitar. Students must be able to read treble clef notes and play basic chords. This course emphasizes music reading, sight reading, individual and group advanced guitar techniques, and stylistic interpretation. Students will represent the school in school concerts and assemblies. This class may be taken more than one time.

AP MUSIC THEORY

1 Credit | Grades 11, 12

AP 10810

Prerequisite: Music Department Chair signature. See Course Levels of Difficulty for further requirements. This course focuses on preparing students to take the AP exam in Music Theory. It will cover musicianship, theory, sight reading, music dictation, and musical materials and procedures. It is designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of

music that are heard or presented in a score. The course assumes fluency in reading notation, key signatures, and simple time signatures and moves quickly into more complicated musical elements. It is ideal for those considering a career in music.

THE HISTORY OF ROCK AND ROLL

½ Credit | Grades 10, 11, 12

Honors 10504

This course is designed for those students who have an interest in music but do not enjoy singing or playing an instrument. It explores the development of Rock and Roll from its beginning to present time. This course does not fulfill the Fine Arts requirement.

INTRO TO THEATRE

½ Credit | Grades 9, 10, 11, 12

Honors 3504

This course introduces students to the world of drama. Students will explore theatre through acting, basic terminology and history, and production. The elements of theatre will guide the students in their semester showcase production.

ACTING II

½ Credit | Grades 10, 11, 12

Advanced 3512

Prerequisite: Intro to Theatre, or instructor approval or Rose Theatre cast

This course is for students who are interested in a deeper, more thorough study of acting, building on skills learned in Intro to Theatre and/or school production. Emphasis is placed on different acting styles, character development, audition techniques, monologues, and scene work. The semester culminates in a showcase performance for an invited audience.

ADVANCED THEATRE

1 Credit | Grades 11, 12

Advanced 3612

Prerequisite: Acting II or signature from theatre director

This course is an advanced study of theatre for actors and technicians. This is a production-based, full-year class. In the first semester, students will write 10-minute plays and receive training in producing, directing, and technical design. In the second semester, students will collaborate on all aspects of production to produce BLOOM Theatre.



HUMANITIES II

½ Credit | Grades 12

Advanced 9822

Prerequisite: Intro to the Arts, Humanities I, or AP Art History

This course expands the worlds of music, art, and theatre learned in Humanities I. Students will have hands-on experiences taking their prior knowledge and creating unique and imaginative student-driven works of art, music, and drama, as well as experiencing videography and dance. These works will then be showcased in the Humanities II Extravaganza, which takes place at the end of the semester.

Performing Arts Clubs:

- Rose Theatre Company
- Tri-M Music Honor Society
- Handbell Choir
- Jammin' for Jesus

ENGLISH

ENGLISH I

1 Credit | Grade 9

Advanced 3102

Honors I 3103

Honors 3104

Academic 3105

This course includes the study of writing, literature, vocabulary, and speaking. A writing workshop emphasizing narrative, descriptive, and expository writing is used. Writing skills are developed through a process approach involving portfolio reflection and assessment. Various genre of literature are studied. Research skills are developed and vocabulary study comes from the text or words in context. Speaking skills are developed through formal and informal speeches, presentations, and discussions.

ENGLISH II

1 Credit | Grade 10

Advanced 3202

Honors 3204

Academic 3205

This course includes the study of writing, literature, vocabulary, and speaking. A writing workshop is used, which builds on the skills developed during freshman year and emphasizes more complex forms of exposition. These writing skills are developed through a process approach. Independent and class novels are read with a focus on American literature. Research skills are developed through a research project. Vocabulary study comes from the text. Speaking skills are developed through formal and informal speeches, presentations, and discussions.

AP CAPSTONE DIPLOMA PROGRAM

Prerequisites: Four AP courses over four years and scoring a three or higher on the corresponding AP exams

This program allows students the opportunity to earn an AP Capstone diploma. It is intended to challenge students with opportunities to employ critical thinking, creativity, research, and collaboration through both seminar and research courses. In order to earn the diploma, students enroll in Seminar their junior year and Research their senior year and score a three or higher on the accompanying exam. There is no required sequence or restrictions on the additional AP courses students select. Students can earn an AP Capstone Certificate by taking Seminar and Research and score a three or higher on the corresponding exams but do not meet the requirements for the other four AP courses.

ENGLISH III

1 Credit | Grade 11

Advanced 3302

Honors 3304

This course includes the study of writing, literature, vocabulary, and speaking. Complex expository and persuasive writing tasks, as well as writing in connection with the literature studied, are primary features. Essays are analyzed, independent and class novels are read, and British literature is studied. A research paper is completed. Vocabulary study comes from the text, and speaking skills are developed through formal and informal speeches, presentations, and discussions.

AP ENGLISH: LANGUAGE AND COMPOSITION

1 Credit | Grade 10

AP 3300

Prerequisite: English teacher recommendation

This course examines the ways in which writers use language through intensive reading of prose written in a variety of periods. Students read the works of many respected writers in numerous genres—novels, memoirs, poems, essays, plays, and speeches—in order to examine the interactions among a writer’s purposes, audience expectations, and subjects, as well as the way conventions of genre and the resources of language contribute to effective writing. Writing skills are developed through the continued use of the writing process approach, multiple genres, and for multiple purposes. Students enrolled in the course are required to take the AP English Language and Composition examination in May.

ENGLISH IV

1 Credit | Grade 12

Advanced 3402

Honors 3404

This course includes the study of writing, literature, vocabulary, and speaking. Writing in response to literature and further development of complex expository and persuasive skills are emphasized. Essays are analyzed, independent and class novels are read, and world literature and multicultural literature are studied. Research skills are developed by writing a research paper, and vocabulary study comes from the text. Speaking skills are developed through formal and informal speeches, presentations, and discussions.

DC ENGLISH IV

1 Credit | Grade 12

DC 3401

Prerequisites: Available for dual credit through University of Louisville and a minimum ACT score of 20 in Reading is required

This course, offered in conjunction with University of Louisville, provides the opportunity to obtain six hours of college credit. A critical analysis of various texts is completed. Further development of complex composition skills is emphasized. Researched arguments, including scholarly research papers, are required.

AP ENGLISH: LITERATURE AND COMPOSITION

1 Credit | Grade 12

AP 3400

Prerequisites: English teacher recommendation, Advanced or AP English III. Completed summer work submitted to teacher on first class day. See Course Levels of Difficulty for further requirements.

This AP course includes advanced genre study of drama, poetry, short story, novel, and essay and a critical analysis of each. This course is designed to help students read more perceptively, think more critically, write more effectively in a variety of discourses, and discuss literature more fluently. It is mandatory for all AP English IV students to complete and submit all assigned summer work on the first class day. Students who fail to follow this guideline must register for a course other than AP English IV. Students are required to take the Advanced Placement English Literature and Composition examination in May.

AP SEMINAR

1 Credit | Grade 11

AP 3310

Prerequisite: English teacher recommendation

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

English Clubs:

- Academic Team
- Book Club
- Library Advisory Council
- Creative Writing Circle
- Speech & Debate Team

AP RESEARCH

1 Credit | Grade 12

AP 3410

Prerequisites: English teacher recommendation and AP Seminar

This course is the second course in the AP Capstone Diploma Program. Students design, plan, and conduct a yearlong research-based investigation using a variety of research methods from multiple perspectives. The project can build on a topic, problem, or issue covered in AP Seminar or on a new topic of the student’s choosing. At the end of the project, students will submit a 4,000-5,000 word academic paper as well as complete a presentation and oral defense of the research findings to a panel. Students complete research ethics training and employ ethical practices in their research processes. The academic paper and presentation and oral defense components contribute to the overall AP Research score. There is no end-of-course AP exam.

CREATIVE WRITING

½ Credit | Grades 10, 11, 12

Advanced 3112

Honors 3114

Prerequisite: English teacher recommendation

This course studies the nature of creativity, gives students practice in writing several genres (including poetry, fiction, and drama), and emphasizes developing an individual writing style. Students will be asked to read and critically analyze their individual writing. During this process, students will become acquainted with critical-thinking techniques and how to apply them in analyzing their own work and giving feedback to peers. A publishing effort will be required.



FILM STUDY

½ Credit | Grades 10, 11, 12

Advanced 3252

Prerequisite: English teacher recommendation

This course focuses on the evaluation of film as an art form. Students will learn to apply methods of critical evaluation to viewing of film by experiencing films of diverse styles and genres from a variety of time periods. Students will gain insight into the impact of film on our society in the 20th and 21st centuries. Study will include analysis of storytelling elements as well as the evaluation of the artistic elements film including scriptwriting, editing, directing, acting, musical score, cinematography, lighting, sound effects, and other elements. The course will include research of topics such as the history of cinema, the influence of icons of the film industry, and the impact of historical events and American culture on film. Class discussion, research, writing, and presentations will all be included as students become critical analysts of the art of film making.

MYTHOLOGY

½ Credit | Grades 10, 11, 12

Advanced 3222

Prerequisite: English teacher recommendation

This course examines the nature, functions, and power of myth. Grounded in a survey of ancient Greek and Roman mythology, students engage with gods, heroes, and monsters to deepen their understanding of classical literature, allusions, and archetypes; interpret artistic portrayals of these stories and figures; draw connections between various world mythologies; and answer the echoes of myth that call to us today.

A GOOD READ: NOVELS

½ Credit | Grades 10, 11, 12

Honors 3244

Prerequisite: English teacher recommendation

This course celebrates reading. Designed for students who enjoy cozying up to a good book, the class studies and discusses accessible novels in a variety of genres, including mystery, science fiction/fantasy, historical fiction, and young adult fiction. In addition to selected texts, students have the chance to independently choose titles of their own to help them increase their understanding of genre, authors, and literary trends, explore their personal reading habits and practices, and deepen their response to literature in a reading community.



SOCIAL STUDIES

WORLD GEOGRAPHY

½ Credit | Grades 9, 10, 11, 12
Advanced 9522

Honors 9524
Academic 9525
Prerequisite: Social studies teacher recommendation required for the Advanced level
This semester course examines the interrelations of humans and their environments; patterns of location of their activities; and regional, national, and global variations among their cultures. This course also examines the surface of the earth: continents, countries, climates, and natural resources.

AP HUMAN GEOGRAPHY

1 Credit | Grades 9, 10, 11, 12
AP 9520

Prerequisite: Dean of studies or English teacher recommendation. See Course Levels of Difficulty for further requirements.
This course is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surfaces. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. Students also

learn about methods and tools geographers use in their science and practice.

U.S. HISTORY

1 Credit | Grade 10
Advanced 9202
Honors 9204
Academic 9205

This course surveys United States history from the Civil War to modern times. Special emphasis is placed on major wars, social movements, culture, and diplomatic relations with other countries. The study of ethnic groups and of current events is an integral part of this course.

AP U.S. HISTORY

1 Credit | Grade 10
AP 9210

Prerequisite: English teacher recommendation. See Course Levels of Difficulty for further requirements.
AP U.S. History prepares students for the AP exam in U.S. History and provides students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in

historical scholarship. The course examines time periods from discovery and settlement of the New World through the recent past.

WORLD HISTORY

1 Credit | Grade 11
Advanced 9302
Honors 9304

Prerequisite: U.S. History teacher recommendation required for the Advanced level.
This course surveys world history from the Renaissance through the modern era with a focus on Europe and its impact on the larger world. It introduces students to major historical eras of world history as well as the politics, philosophy, socioeconomic conditions, and art of various ages. Geography and current events are also integral parts of this course.

DC WORLD HISTORY

1 Credit | Grade 11
DC 9311

DC - Available for dual credit through Western Kentucky University
Prerequisite: U.S. History teacher recommendation
This course, offered in conjunction with Western Kentucky University, provides the opportunity to

obtain three hours of college credit for HIST 102. This course provides a comparative historical survey of the major political, religious, and cultural developments in Asia, Africa, Europe, and the Americas from 1500 to present.

AP WORLD HISTORY

1 Credit | Grade 11
AP 9310

Prerequisite: U.S. History teacher recommendation. See Course Levels of Difficulty for further requirements.
AP World History prepares students for the World History AP exam. The course surveys world history, focusing on major historical eras of world history, as well as the politics, philosophy, socioeconomic conditions, and arts of various ages. Students learn to assess historical materials and to weigh the evidence and interpretation presented in historical scholarship. Geography and current events are integral parts of this course.

U.S. GOVERNMENT

½ Credit | Grades 11, 12
Advanced 9412
Honors 9414

Prerequisite: Social studies teacher recommendation required for the Advanced level
This course examines the U.S. Constitution, the basic structure of U.S. government, and its institutions. The course familiarizes students with various institutions, groups, beliefs, and ideas that comprise U.S. political reality. Topics include the Constitution, political beliefs and parties, civil rights and civil liberties, and major Supreme Court cases. Major domestic and foreign issues are emphasized.

AP UNITED STATES GOVERNMENT AND POLITICS

1 Credit | Grades 11, 12
AP 9410

Prerequisite: U.S. History teacher recommendation.
See Course Levels of Difficulty for further requirements.

This course prepares students for the U.S. Government and Politics AP exam. It involves both the study of general concepts used to interpret U.S. policies and the analysis of specific case studies. It familiarizes students with the various institutions, groups, beliefs, and ideas that comprise U.S. political reality. Topics include the Constitution, political beliefs and behaviors, political parties and interest groups, and civil rights and civil liberties.

PSYCHOLOGY

1 Credit | Grades 11, 12
Advanced 9602

Prerequisite: Social Studies teacher recommendation
½ Credit | Grades 11, 12
Honors 9604

This course focuses on detailed information about the following: history, careers and approaches to psychology, research methods and famous psychology experiments, brain research, sensation and perception, memory, learning, motivation, emotions, infant and child development, personality theories, psychological disorders, treatment for psychological disorders, and social psychology.

AP PSYCHOLOGY

1 Credit | Grades 11, 12
AP 9600

Prerequisite: Social studies teacher recommendation.
See Course Levels of Difficulty for further requirements.

This course focuses on preparing students to take the AP exam in Psychology. This intense course covers topics including research methods, development, learning, the brain, emotions, sensations, perception, personality theories, psychological disorders, therapy for psychological disorders, and social psychology.

SOCIOLOGY

½ Credit | Grades 10, 11, 12
Advanced 9702
Honors 9704

Prerequisite: Social studies or English teacher recommendation required for Advanced level

This course studies human behavior in a group situation. Students explore culture, social movements, mass media, the family, and specific social issues such as affirmative action and crime.

WOMEN'S ISSUES IN SOCIOLOGY

½ Credit | Grades 11, 12
Honors 9714

Women's Issues in Sociology is a semester course that deals with the issues women face in society, both past and present. The course includes a study of women in cultures throughout the world. This course starts with a cultural history of women and then studies the socialization of women by the mass media. The course also looks at how women have changed over the course of history. Other topics pertaining to women are covered, including violence against women, women in politics, and women in the workplace.

THE HOLOCAUST AND OTHER MODERN ATROCITIES

½ Credit | Grades 11, 12
Honors 9914

This course will examine the root causes and events of the Holocaust. Anti-Semitism and the nature of prejudice will be studied along with other examples of 20th and 21st century genocide and modern atrocities.

AFRICAN-AMERICAN STUDIES

½ Credit | Grades 11, 12
Honors 9934

In this course, students will learn about the culture and contributions of African Americans from the Civil War to today. Students will also gain a deeper understanding of the social, economic, and political issues that specifically relate to African Americans.

Social Studies Clubs:

- Asian Culture Club
- Politics & Citizenship Club
- Kentucky United Nations Assembly (KUNA)
- Kentucky Youth Assembly (KYA)
- Student YMCA
- Rho Kappa Social Studies National Honor Society

THEOLOGY

“I grew up thinking service was a chore or something I just had to get done. At AHS, I have learned that it is much more than that. It is a way to find yourself in the process of serving others.”-Maddie M. '21



RETREAT PROGRAM

Every student is invited to participate in an overnight retreat each of her four years at Assumption. The retreat program complements the classroom program of religious studies. It provides the student the opportunity to reflect on her identity, to form community, and to examine her relationship with God in an atmosphere conducive to prayer and reflection.

SERVICE LEARNING PROGRAM: A CHRISTIAN THROUGH SERVICE

As a Catholic school, it is important that our students live their faith by learning to “love one another” and answer their Baptismal and Confirmation calls to serve as Jesus did. Assumption’s four-year service program gives students the opportunity to experience peace and justice issues and learn to think globally as they act locally in the community.

FRESHMAN ACTS

Freshmen are encouraged to become involved in their immediate neighborhood, parish, and school communities and are required to complete a minimum of five hours of service by the end of their freshman year. The objectives of the freshman volunteer program are to raise student awareness of needs around them, develop their interests in responding to those needs, and increase their confidence in making contacts and inquiries in these service areas.

SOPHOMORE ACTS

Service is a required component sophomore year and is directly tied to the theology curriculum. Sophomore service is a guided, 10-week program where each student, using her unique gifts and talents, provides assistance to an assigned community agency. Throughout the first semester, sophomore theology classes are provided ongoing opportunities to prepare students for this unique second semester learning experience.

JUNIOR ACTS

During the junior service program, students are required to complete a minimum of 15 hours of service to be completed by the end of the semester in which the Catholic Social Teaching course is taken. As a curriculum driven program, juniors address and connect their service experience to a social justice issue. Appropriate issues include hunger, poverty, homelessness, the elderly, the environment, abuse, special needs, and refugees.

SENIOR ACTS

The senior service program encourages seniors to use their passions to serve the community independently and address the needs of the larger community. Students have the option to participate in service through National Honor Society, Science National Honor Society, Senior BETA Club, and other clubs where service is a requirement. Seniors are also offered opportunities to serve during Mission Week by performing local service and participating in a weeklong mission trip. These trips provide the opportunity for cultural immersion while serving the poor in both rural and urban, national and international sites.

CATHOLIC MORAL TEACHING

½ Credit | Grade 11

Honors 7314

Students will grow in decision-making skills with Jesus as a moral guide. Students will explore concepts of sin and evil as well as virtue and forgiveness.

CATHOLIC SOCIAL TEACHING

½ Credit | Grade 11

Honors 7304

Students will examine Catholic social teachings on a variety of issues including poverty, discrimination, environmental issues, workers’ rights abuses, and violence. Students will explore ways to respond to these issues through both acts of charity and acts of social justice.

SACRAMENTAL LIVING

½ Credit | Grade 12

Honors 7404

Students will explore the origins, themes, rituals, and symbols of the Sacraments and discover the wisdom and relevance they offer for one’s connection to God and to the faith community.

ELECTIVES - Seniors:

Seniors have Sacramental Living as a required semester course each year and may choose an elective for the other semester.

WORLD RELIGIONS

½ Credit | Grade 12

Honors 7494

Students will study Christian denominations and major world religions including Judaism, Islam, Hinduism, and Buddhism to recognize the ways in which important spiritual truths may be found in many churches and faiths whose beliefs and practices differ from the Catholic faith.

DC WORLD RELIGIONS

½ Credit | Grade 12

DC 7491

Available for dual credit through JCTC

Prerequisite: GPA of 3.0 or higher

This course introduces the major religions of the world including Hinduism, Buddhism, Islam, Judaism, Taoism, and Confucianism. Students investigate the ways in which other systems of belief and practice both differ from and are in harmony with the Catholic faith.

WOMEN OF FAITH

½ Credit | Grade 12

Honors 7514

This course will explore deep questions of faith by examining the feminine face of God, women of Scripture, and women of the Church with a special emphasis on Catherine McAuley and modern women of faith.

Theology & Service Clubs:

- Campus Ministry Council
- Fellowship of Christian Athletes
- Jammin’ for Jesus
- St. Joseph of Arimathea Society
- Retreat Leaders
- Rockets Helping Others
- Beta Club
- National Honor Society
- Student YMCA

Advocacy Clubs:

- Operation Smile
- Diversity Club
- Global Outreach
- Green Dot: Violence Prevention Organization
- Humane Animal Action Club
- Mary Byron Program
- Respect Life Club



WORLD LANGUAGE

FRENCH I

1 Credit | Grades 9, 10, 11, 12

Advanced 4102

Honors I 4103

Honors 4104

This course familiarizes students with the French language through the development of basic skills in listening, reading, speaking, and writing. Students also explore various cultural topics. Students enrolled in the Advanced and Honors I levels prepare for advanced language study.

FRENCH II

1 Credit | Grades 9, 10, 11, 12

Advanced 4202

Honors I 4203

Honors 4204

Prerequisite: French I teacher recommendation

This course continues the development of French reading, writing, listening, and speaking skills. Students learn more complex grammatical structures and build their vocabulary. Students also increase their knowledge of the culture of the French-speaking world. Students enrolled in the Advanced and Honors I levels prepare for advanced language study.

FRENCH III

1 Credit | Grades 10, 11, 12

DC 4301

DC - Available for dual credit through Western Kentucky University

Advanced 4302

Honors I 4303

Prerequisites: Successful completion of Advanced or Honors I French II, French II teacher recommendation. This course continues to develop reading, writing, listening, and speaking skills. Grammar and vocabulary build on concepts mastered in the preceding years of study.

FRENCH IV

1 Credit

Grades 11, 12

DC 4401

DC – Available for dual credit through Western Kentucky University

Advanced 4402

Honors I 4403

Prerequisites: Successful completion of DC or Honors I French III, French III teacher recommendation

This course reviews basic and intermediate grammatical structures and introduces advanced grammatical topics.

Students refine speaking, reading, and writing skills and continue building a practical vocabulary.

AP FRENCH LANGUAGE AND CULTURE IV

1 Credit | Grades 11, 12

AP 4400

Prerequisite: French III teacher recommendation

This course is designed to prepare students for the AP French Language and Culture exam and is equivalent in difficulty to a fifth- or sixth-semester college French course. Students interpret and respond to a variety of authentic aural and written sources in French related to the six themes of the course: beauty and aesthetics, contemporary life, families and communities, global challenges, personal and public identities, and science and technology. Students engage in both interpersonal and presentational writing and speaking tasks based on the six themes and learn grammar that will help them successfully complete the tasks of the AP exam. All students are required to participate actively in class and to complete AP test prep work as part of this course.

AP FRENCH LANGUAGE AND CULTURE V

1 Credit | Grade 12

AP 4500

Prerequisites: Successful completion of DC French IV and French teacher recommendation

This course is designed to prepare students for the AP French Language and Culture exam and is equivalent in difficulty to a fifth- or sixth-semester college French course. Students interpret and respond to a variety of authentic aural and written sources in French related to the six themes of the course: beauty and aesthetics, contemporary life, families and communities, global challenges, personal and public identities, and science and technology. Students engage in both interpersonal and presentational writing and speaking tasks based on the six themes and learn grammar that will help them successfully complete the tasks of the AP exam. All students are required to participate actively in class and to complete AP test prep work as part of this course.

SPANISH I

1 Credit | Grades 9, 10, 11, 12

Advanced 4112

Honors I 4113

Honors 4114

Academic 4115

This course familiarizes students with the Spanish

language through the development of basic skills in listening, reading, speaking, and writing. Students also explore various cultural topics. Students enrolled in Honors level or above prepare for advanced language study.

SPANISH II

1 Credit | Grades 9, 10, 11, 12

Advanced 4212

Honors I 4213

Honors 4214

Academic 4215

Prerequisite: Spanish I teacher recommendation

This course continues the development of Spanish reading, writing, listening, and speaking skills. Students learn more complex grammatical structures and build their vocabulary. Students also increase their knowledge of Hispanic culture. Students enrolled in the Honors level or above prepare for advanced language study.

ACCELERATED SPANISH I / II

1 Credit | Grades 9, 10, 11, 12

Advanced 4111

Prerequisite: Prior study of Spanish in grade or middle school. Successful completion of Language Placement Exam and approval of World Language dept chair.

This course combines Spanish 1 and 2 with minimal time at the beginning of the year being dedicated to the absolute basics of the language. It helps students who have had prior substantial exposure to Spanish to continue to develop their skills in reading, writing, listening, and speaking. Students build on the vocabulary they already know and learn some advanced grammatical concepts. Students also deepen their knowledge of Hispanic culture. Students in this course prepare for advanced language study.

Note: Though this course combines two years of study into one, students must still take a second year of Spanish to fulfill the language requirement.

DC SPANISH III

1 Credit | Grades 10, 11, 12

DC 4311

DC - Available for dual credit through Western Kentucky University

Prerequisites: Successful completion of Advanced Spanish II and Spanish II teacher recommendation

This course refines speaking, reading, writing, and listening skills and increases students' practical vocabulary. More complex grammatical structures are incorporated into writing and speaking assignments. Students will be introduced to intermediate-level readings and listening activities. Students are expected to converse in Spanish and to comprehend written and spoken language. Three hours of college credit may be earned for this course.



SPANISH III

1 Credit | Grades 10, 11, 12

Advanced 4312

Prerequisites: Successful completion of Honors I Spanish II and Spanish II teacher recommendation

This course refines speaking, reading, writing, and listening skills and increases students' practical vocabulary. More complex grammatical structures are incorporated into writing and speaking assignments. Students will be introduced to intermediate-level readings and listening activities and will continue to learn about the Hispanic culture. Students are expected to converse in Spanish and to comprehend written and spoken language.

SPANISH III

1 Credit | Grades 10, 11, 12

Honors I 4313

Prerequisites: Successful completion of Honors or Honors I Spanish II, Spanish II teacher recommendation

This course continues the practice of reading, writing, listening, and speaking skills learned in the previous years. Students are expected to converse in Spanish and to comprehend a variety of written and spoken input. Students review basic grammatical structures and are introduced to intermediate structures and additional vocabulary. Students will be introduced to intermediate-level readings and listening activities and will continue to learn about the Hispanic Culture.

SPANISH IV

1 Credit | Grades 11, 12

Advanced 4412

Prerequisites: Successful completion of Honors I or Advanced Spanish III, Spanish III teacher recommendation

This course is the equivalent of a second- or third-semester college Spanish course. Students are expected to converse in Spanish with classmates and the teacher

about the topics introduced in the course. Students will be required to read and listen to materials from a variety of sources and discuss them in Spanish. This course reviews basic and intermediate grammatical structures and students continue to build practical communicative proficiency in Spanish. In addition, students explore a variety of topics related to Hispanic culture.

DC SPANISH IV

1 Credit | Grades 10, 11, 12

DC 4411

DC - Available for dual credit through Western Kentucky University

Prerequisites: Successful completion of DC or Advanced Spanish III, Spanish III teacher recommendation.

This course is the equivalent of an intermediate college-level Spanish course. Students are expected to converse in Spanish with classmates and the teacher regularly about the topics introduced in the course. Students will read and listen to authentic materials from a variety of sources and discuss them in Spanish. This course reviews intermediate grammatical structures and introduces advanced grammatical topics. Students continue to build spoken and written communicative proficiency in Spanish. In addition, students explore a variety of topics related to Hispanic culture. Three hours of college credit may be earned for this course.

AP SPANISH LANGUAGE AND CULTURE IV

1 Credit | Grades 10, 11, 12

AP 4410

Prerequisites: Successful completion of DC Spanish III, Spanish III teacher recommendation

This course is designed to prepare students for the AP Spanish Language and Culture exam and is equivalent in difficulty to a fifth- or sixth-semester college Spanish course. Students interpret and respond to a variety of authentic aural and written sources in Spanish related

to the six themes of the course: beauty and aesthetics, contemporary life, families and communities, global challenges, personal and public identities, and science and technology. Students engage in both interpersonal and presentational writing and speaking tasks based on the six themes and learn grammar that will help them successfully complete the tasks of the AP exam. All students are required to participate actively in class and to complete AP test prep work as part of this course.

AP SPANISH LANGUAGE AND CULTURE V

1 Credit | Grades 10, 11, 12

AP 4510

Prerequisites: Successful completion of DC Spanish IV, Spanish IV teacher recommendation

This course is designed to prepare students for the AP Spanish Language and Culture exam and is equivalent in difficulty to a fifth- or sixth-semester college Spanish course. Students interpret and respond to a variety of authentic aural and written sources in Spanish related to the six themes of the course: beauty and aesthetics, contemporary life, families and communities, global challenges, personal and public identities, and science and technology. Students engage in both interpersonal and presentational writing and speaking tasks based on the six themes and learn grammar that will help them successfully complete the tasks of the AP exam. All students are required to participate actively in class and

World Language Clubs:

- World Language Club
- Mercy Ambassadors Foreign Exchange Program
- Spanish Club
- Spanish Honor Society
- Spanish Scrabble
- French Club
- French Honor Society

HEALTH AND WELLNESS

FITNESS AND NUTRITION

½ Credit | Grades 11, 12
Honors 5814

This course is designed to help students improve personal fitness and to make healthy decisions about nutrition and food choices. Students will learn how the essential nutrients impact individual fitness needs and levels. Course content units will include essential nutrients, basic kinesiology that will include anatomical movements and planes of motion to balance a fitness routine, and fitness measurements in flexibility, mobility, muscular fitness, and cardiovascular endurance. Through the introduction of various fitness and nutritional components, students will be able to create a progressive fitness plan and complementary nutrition to plan to achieve specific goals.

The University of Louisville (UofL), College of Education and Human Development (CEHD), and the Kentucky Department of Education (KDE) are collaborating to offer the Teaching and Learning Pathway Program in Kentucky high schools. This pathway provides high school students an opportunity to enroll in college-level courses that introduce them to teaching. This Career Pathway allows students to explore teaching as a career before graduating from high school.

While in grades 10 through 12, students may complete three classes, or nine credit hours, that can apply toward a bachelor's degree in elementary education or middle and secondary education at the University of Louisville. In addition, the first course, EDTP 201, The Teaching Profession, also meets a general education requirement in the social and behavioral science area. The Teaching Profession is followed by EDTP 215 Foundations of Instruction and the final course in the pathway is EDTP 107 Human Development and Learning.

DC THE TEACHING PROFESSION

½ Credit | Grades 10, 11, 12
DC 5201

DC - Available for dual credit through the University of Louisville. An ACT composite minimum score of 17 is required. Thinking of becoming a teacher? This course provides opportunities to survey the field of education through the study of foundations of education, the life of a teacher, teaching styles, how to create a classroom community, the importance of knowing your students and field experiences, curriculum, and use of technology in the classroom all in the context of evaluation of education as a career. This course requires at least 18 hours of classroom work reported to KFETS outside of the Assumption school day.

DC FOUNDATIONS OF INSTRUCTION

½ Credit | Grades 11, 12
DC 5301

Prerequisite: DC The Teaching Profession
This course introduces pre-service teachers to the planning and preparation skills needed to be an effective classroom teacher. These skills include identifying learning goals and objectives based upon standards-based curriculum; designing learning experiences with developmentally appropriate instructional strategies; creating a variety of assessments to gauge learning and motivate students to learn and managing a range of students, materials, and classroom activities to honor students' diversity. This course requires at least 10 hours of classroom work reported to KFETS outside of the Assumption school day. EDTP 215 in the UL Dual Credit Teaching and Learning Pathway

DC HUMAN DEVELOPMENT & LEARNING

½ Credit | Grades 11, 12
DC 5401

Prerequisites: DC The Teacher Profession and DC Foundations of Instruction. This class can be taken by students not in the Teaching and Learning Pathway who may be interested in working with children in other areas such as health care. This course is an introduction to the basic principles of human development and learning as applied to home and school settings of children from birth to adolescence. This course requires at least 15 hours of classroom work reported to KFETS outside of the Assumption school day. EDTP 107 in the UL Dual Credit Teaching and Learning Pathway

HEALTHY FAMILY LIVING

½ Credit | Grades 11, 12
Honors 5514

This course is designed to help students develop the skills needed to make a successful transition from adolescence into the world of adulthood, marriage, and family life. Topics covered include communication skills, relationships, dating, marriage, pregnancy, child-birth, parenting, and finances.

PHYSICAL EDUCATION

½ Credit | Grade 9
Honors 5114

This course is designed to practice and develop skills in activities that will help students maintain fitness and physical wellness throughout their lives. Students in the course will focus on achieving and maintaining a level of physical fitness for health and performance while demonstrating knowledge of fitness concepts and strategies.

egies. Students will establish personal fitness goals, using principles of aerobics, strength and core training, flexibility, mindfulness, and recreational games. Students will be introduced to lifelong activities designed to increase their likelihood of exercising in the future and will understand the benefits that regular exercise can provide for a person's mental, physical, and social health.

HEALTH

½ Credit | Grade 9
Honors 5124

This course is designed to educate young women about the six categories of risk behaviors as identified by the Centers for Disease Control and Prevention. The six categories include tobacco/vape use, unhealthy dietary behaviors, lack of physical activity, alcohol and drug use, sexual behaviors and STDs, and unintentional injuries and violence. This course will promote making responsible decisions in an effort to achieve optimal health and wellness now and in the future.

GUIDANCE

ACT PREPARATION

½ Credit | Grades 11, 12
Honors 1014

A complete ACT preparation course will prepare the students for the ACT. This course includes test-taking strategies, home study work, and frequent practice tests. Course fee covers the cost of materials, testing, and scoring. Several practice tests to simulate real ACT tests are given and provide valuable feedback after each so that students can chart their progress.

ADVANCED TEST PREP

½ Credit | Grades 11, 12
Advanced 1112

Prerequisites: Students who have completed Algebra II should enroll in this course. This advanced preparation course will prepare students for the ACT and the PSAT. This course includes test-taking strategies, home study work, and frequent practice tests. Several practice tests that simulate real standardized tests are given and provide valuable feedback so that students can chart their progress. Students enrolled in this level should have completed Algebra II and currently be enrolled in Pre-Cal.

LONG RANGE PLANNING GUIDE

Below you'll see Assumption's four-year curriculum guide to advise students' long-range course planning. With the individualization of schedules at Assumption High School, some schedules may not follow this guide exactly. The courses in **BOLD** are required, usually in the year in which they are listed. The courses in *ITALIC* allow for some choice. This guide will be helpful as you review Assumption's courses and curriculum and explore all the possibilities Assumption offers.

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Old Testament/ Catholic Beliefs	New Testament/ Paschal Mystery	Catholic Social Teaching/ Catholic Moral Teaching	Sacramental Living/ Theology Elective
English I	English II	English III	English IV
<i>Math</i>	<i>Math</i>	<i>Math</i>	<i>Math</i>
Geography/Fine Art or AP Human Geography/ Alg Lab	U.S. History	World History	<i>Elective</i>
Biology/PLTW Principles of Biomedical Science	Chemistry	<i>Science Requirement/Lab Science elective - Physics Strongly Recommended</i>	<i>Elective</i>
Health/P.E.	Fine Arts/Elective 2025/2026 Humanities/Elective 2024	<i>Elective</i>	<i>Elective</i>
<i>World Language</i>	<i>World Language</i>	<i>Elective</i>	Public Speaking/ Government



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