

# UPPER SCHOOL

COURSE CATALOG  
2023 – 2024

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# WELCOME TO PARISH

## Our Mission

Inspired by our values of **Wisdom, Honor and Service**, the mission of Parish Episcopal School's inclusive Episcopal community is to guide young people to become **creative learners** and **bold leaders, prepared to impact** a complex global society.



# CURRICULUM GUIDELINES

## Graduation Requirements

Students must satisfactorily complete at least 23 credits to meet Parish Episcopal School's diploma requirements; for competitive college admission, 25 or more credits are preferable, including some Advanced Placement courses. Once enrolled at Parish, a student may not take courses outside the school toward graduation requirements without advance approval of the Head of Upper School. Specific departmental requirements and programs follow. A full year course counts as a single credit.

## Subject (minimum years)

English (4 years)

Social Studies (3 years)

- Global Cultures, World History, U.S. History

Mathematics (3 years)

- Must complete through Algebra II

Science (3 years)

- Physics, Chemistry, Biology

World Languages (3rd level; at least 2 years in US)

Religious Studies

- Hebrew Bible or New Testament History and Literature, World Religions, Contemporary Religious Issues

Health

Arts (3 classes)

Athletics (3 seasons or 3 trimesters)



## **Policies and Procedures**

The academic program of the Upper School represents a four-year college preparatory curriculum, which provides broad training in the liberal arts and sciences and stresses independent thinking, writing, critical reading, discipline and creativity. Homework and outside preparation are required. Students may expect to spend 45 to 60 minutes per day outside of class on each academic subject. Honors, Advanced Placement courses, and programs such as the Academy of Global Studies and the Leadership Institute are available to qualified students upon faculty recommendation and may require significant extra effort and preparation outside of class.

## **Appropriate Academic Challenge**

The course selection process is designed so that each student is guided to choose classes that provide an appropriate academic challenge. Most students take at least six courses each trimester and graduate with several credits beyond minimum graduation requirements. All students must meet the following minimum requirements: Core classes are defined as English, History, Mathematics, Science, World Language or an A.P. course in another subject area.

### **Grade Nine:**

- Five core classes
- One elective each trimester
  - Normally health, an athletic course, a sport and/or fine arts course

### **Grade Ten:**

- Five core classes
- One elective each trimester
  - Normally Hebrew Bible or New Testament History and Literature, an athletic course, a sport and/or fine arts course (if requirement has not been met)

### **Grade Eleven:**

- Five core classes
- One elective each trimester
  - Normally World Religions, an athletic course, a sport and/or fine arts course (if requirement has not been met)

### **Grade Twelve:**

- Four core classes
- Fifteen total courses throughout three trimesters
  - Normally Contemporary Religious Issues, an athletic course, a sport and/or fine arts course (if requirement has not been met)
- Elective courses are not offered in the third trimester due to ParishBridge

# COURSE LIST

## **Graduation Requirements**

Students must satisfactorily complete at least 23 credits to meet Parish Episcopal School's diploma requirements; for competitive college placement, 25 or more credits are preferable, including some Advanced Placement courses. Once enrolled at Parish, a student may not take courses outside the school toward graduation requirements without advance approval of the Head of Upper School. Specific departmental requirements and programs follow. A full year course counts as a single credit.

## **English**

English I

English II

English II Honors

English III

AP Language & Composition

AP Literature & Composition

English IV:

- Mysteries, Mayhem, and True Crime
- Science Fiction

## **Mathematics**

Algebra I

Geometry

Geometry Honors

Algebra II

Algebra II Honors

Applied Mathematics

Precalculus

Precalculus Advanced

Precalculus Honors

Trigonometry and Statistics

Introduction to Calculus with Statistics

AP Calculus AB

AP Calculus BC

Multivariable Calculus

AP Statistics

## **Science**

Physics

Physics Honors

Chemistry

Chemistry Honors

Biology

Biology Honors

Anatomy and Physiology

Bioengineering and Bioethics

Environmental Science

AP Biology

AP Chemistry

AP Psychology

AP Physics C: Mechanics

## **Social Studies**

Global Cultures

World History

AP World History: Modern

U.S. History

AP U.S. History

Government & Economics

AP European History

## **World Languages**

Latin I

Latin II

Latin III

Latin III Honors

Latin IV

Latin IV Honors

Latin V

Latin V Honors

Spanish I  
Spanish II  
Spanish III  
Spanish III Honors  
Spanish IV  
Spanish IV Honors  
Spanish V  
AP Spanish Language  
Spanish Advanced Topics

French I  
French II  
French III  
French III Honors  
French IV  
French IV Honors  
French Film and Literature

Arabic I  
Arabic II  
Arabic III

## **Parish Arts**

### **Dance**

Dance for Athletes  
Dance I: Foundations in Technique  
Dance II: Modern & Improvisation  
Dance III: Composition & Performance  
Dance Company  
Rosettes (Drill Team)

### **Music**

Guitar  
Music Technology  
Music Theory  
AP Music Theory \*\*  
Piano  
Vocal Music: Technique and Performance  
Drumline  
Jazz Band  
Performance Music Ensemble (Essential Standards)

## **Theatre**

Acting I: Technique and Scene Study  
Acting II: Monologues, Movement and Voice  
Technical Theatre I: Practical Construction  
Technical Theatre II: Design and Implementation

## **Visual Arts**

Art in the City\*  
Ceramics I: Methods and Materials  
Ceramics II: Handbuilding and Wheel  
Drawing and Painting I: Methods and Materials  
Drawing and Painting II: Visual Concepts  
Filmmaking I: Foundations of Film  
Filmmaking II: Script to Screen  
Filmmaking III: Advanced Production  
Graphic Design  
Photography I: Technique and Composition  
Photography II: Editing and Exploration  
Photography III: Studio and Field  
Printmaking I: Methods and Materials  
Printmaking II: Visual Concepts  
Yearbook  
Advanced 2-D Art and Design  
Advanced 3-D Art and Design  
AP 2-D Art and Design  
AP 3-D Art and Design

*\*Summer Course via The Academy*

*\*\*Course offered in alternating years*

## Electives

### Athletics

Athletic Manager

Fitness Tracking\*

Sports Medicine

BOYS			GIRLS		
FALL	WINTER	SPRING	FALL	WINTER	SPRING
Football	Basketball	Baseball	Field Hockey	Basketball	Softball
Cheerleading*	Cheerleading*	Golf	Cheerleading*	Cheerleading*	Golf
Cross Country	Soccer	Lacrosse	Cross Country	Soccer	Lacrosse
	Swimming	Tennis	Volleyball	Swimming	Tennis
		Track & Field			Track & Field

*\*Except for participation in a winter sport, cheerleading requires a commitment of the fall and winter trimesters.*

### Computer Science

3D Modeling and Animation I

3D Modeling and Animation II

3D Modeling and Animation III

Coding for OOP

Introduction to Computer Science: Coding

Introduction to Computer Science: Web Design

Introduction to Computer Science: Data Science

Introduction to Computer Science: Cybersecurity

AP Computer Science Principles

AP Computer Science A

*\*Summer Course via The Academy*

*\*\*Course offered in alternating years*



## **Engineering**

CAD/CAM  
Advanced CAD/CAM  
Engineering  
Advanced Engineering  
Robotics and Automation  
Engineering Design and Problem Solving ("Rover")  
Unmanned Aerial Vehicles: Operation and Application (Drones)

## **English Electives**

Creative Writing I and II  
Advanced Creative Writing

## **Math Electives**

Financial Literacy  
Problem Solving  
Topics in Statistics

## **Social Studies Electives**

African American History  
Mexican American History\*\*  
Native American History  
Race in American Society\*\*  
Ancient Philosophy  
Modern Philosophy  
Philosophy of Film

## **World Language Electives**

Arabic Script and Society  
Culinary Culture: Mexico  
Culinary Culture: France  
Culinary Culture: Heritage Festivals  
Spanish Study Abroad\*

## **Required Trimester Electives**

### **Religious Studies**

Hebrew Bible or New Testament History & Literature  
World Religions  
Contemporary Religious Issues

### **Health**

Health

## **Signature Programs**

### **Academy of Global Studies**

AGS I  
AGS II  
AGS III  
AGS IV

### **Leadership Institute**

Learning to Lead  
Lead by Design  
Ethics and Psychology of Leadership

## **The Academy\***

### **Computer Science**

Coding for OOP

### **Math**

Geometry  
Algebra II

### **Science**

Biology Honors  
Health

### **World Language**

Latin I  
Spanish Study Abroad

### **Arts**

Art in the City  
Graphic Design

### **Athletics**

Fitness Tracking

### **General Electives**

Ethics and Psychology of Leadership

### **Religious Studies**

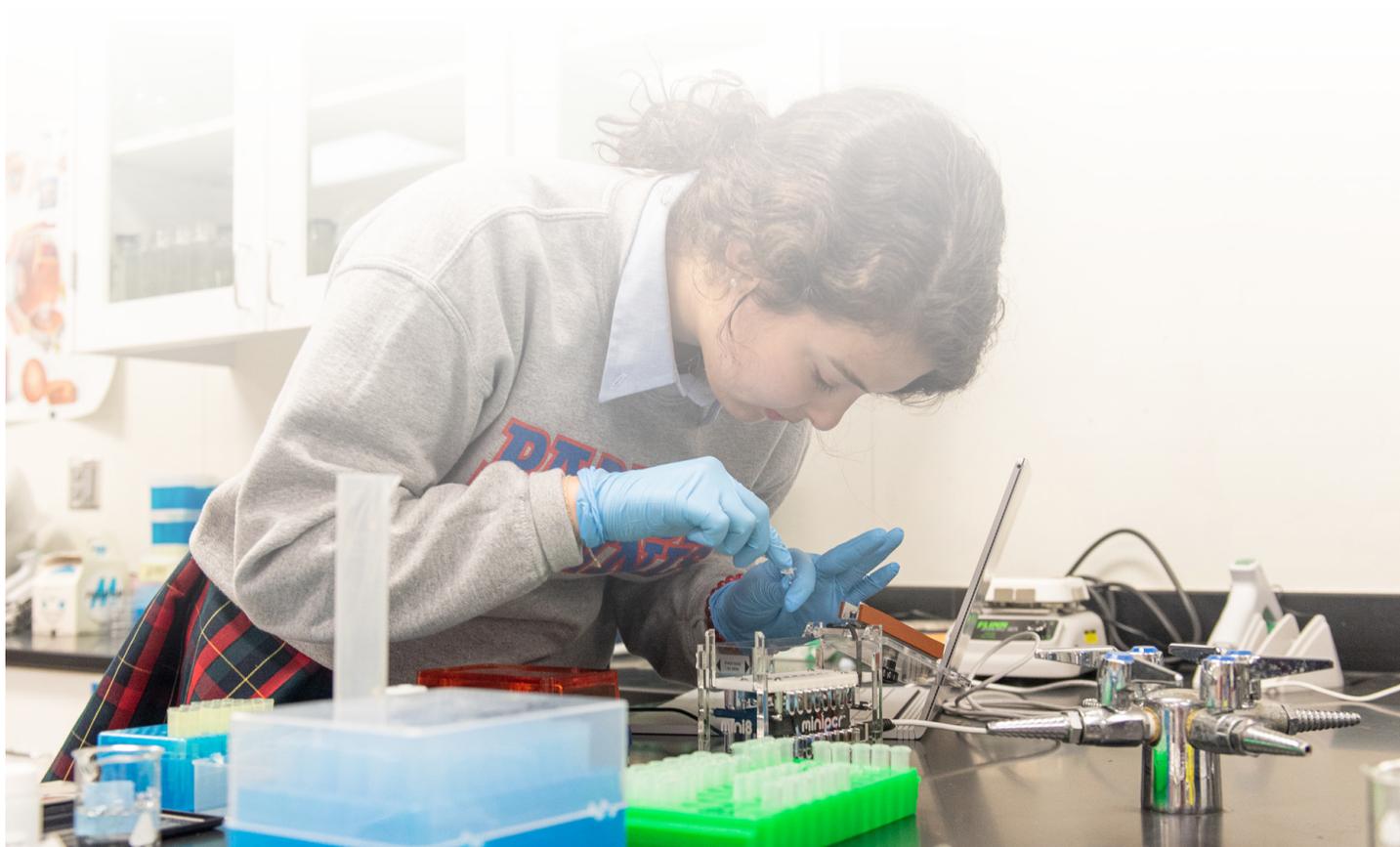
Hebrew Bible or New Testament History & Literature  
World Religions  
Contemporary Religious Issues

\*Please visit <https://parishplus.org> for more information on The Academy programming.

## AP COURSES

AP 2-D Art and Design	AP English Literature and Composition
AP 3-D Art and Design	AP European History
AP Biology	AP Music Theory**
AP Calculus AB	AP Physics C: Mechanics
AP Calculus BC	AP Psychology
AP Chemistry	AP Spanish Language and Culture
AP Computer Science A	AP Statistics
AP Computer Science Principles	AP United States History
AP English Language and Composition	AP World History: Modern

*\*\*Course offered in alternating years*



## English I

In English I, students read literature from a variety of cultures and historical periods, examining how each piece of literature reflects the social, cultural, and global issues of its immediate context while illuminating the perennial questions of human nature. Students will also learn to recognize and critique the conventions of various genres and the effects of those conventions on authorial intent and purpose. In terms of writing instruction, English I integrates grammar, usage, and mechanics, and emphasizes the four modes of writing: narration, description, exposition, and persuasion. The course also covers current formal research techniques and practices.

**Grade Level:** 9

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## English II

What is true justice? How does the lure of power and success shape society, and how do we balance the tension between individual responsibility and communal, even global, responsibility? These will be questions this course seeks to answer through the reading and discussion of a variety of literary works from different time periods and geographic locations.

In English II, students will continue to refine the skills they built in English I: reading, writing, mechanics, usage, and vocabulary building. They will read classics of world literature from c.1000 B.C.E. to the present, examining the rich intellectual heritage of various cultures and epochs. Guided by these great texts, as well as shorter works of fiction and poetry, students will pose and discuss questions about human excellence and depravity-- about heroism, tyranny, and ambition--and will continue to refine their research skills by examining how the literature interacts with its historical and cultural context.

**Grade Level:** 10

**Classification:** Core

**Credit:** 1

**Prerequisite:** English I

## English II Honors

English II Honors is an English course for tenth grade students who have exceptional talents and motivation for reading and writing. The course is designed to prepare students for the rigors of AP English Language and Composition through an intensive study of world literature and extensive work in composition. Students will continue to work on vocabulary development to enhance their writing and to prepare them for standardized tests.

World Literature II, Honors will conduct studies in representative works of world literature from antiquity to the present. The course emphasizes the study and consideration of the literary, cultural, and human significance of selected great works of the Western and non-Western literary traditions. An important goal of the class is to promote an understanding of the works in their cultural/historical contexts and of the enduring human values which unite the different literary traditions.

The course's pedagogy gives special attention to critical thinking and writing within a framework of cultural diversity as well as comparative and interdisciplinary analysis.

Every student will complete a major research project on a contemporary world poet.

**Grade Level:** 10

**Classification:** Core

**Credit:** 1

**Prerequisites:** English I and English teacher recommendation

### **English III**

What does it mean to be American? To come from this country? How has our country's past shaped us into who we are, as a nation, and as individual Americans, today? These will be questions this course seeks to answer through reading a survey of American Literature in several genres including, but not limited to: the novel, short story, poem, speech, memoir, and play. Students will become familiar with major American literary figures, as well as the major themes they've addressed and the literary movements to which they contributed. English III emphasizes the study of literature as an academic discipline, preparing students for work in college literature and writing classes. Every student will complete a major research project, learning and writing about a specific work and its overarching themes.

**Grade Level:** 11

**Classification:** Core

**Credit:** 1

**Prerequisite:** English II

### **AP Language and Composition**

Rhetoric has been called "the art of finding all the available means of persuasion in particular cases," and "soul-leading by means of language," and "that which creates an informed appetite for the good." In this course, we will study rhetoric and composition. This means that, at the very least, we will study how people convince each other with language. We will do this by reading and studying a variety of texts (i.e., biography, autobiography, journal, memoir, essay, speech, image, and so on) while paying particular attention to the speaker of that given text's rhetorical strategies and the intended effects of those strategies. In addition to this, you will write in a variety of persuasive modes, and in doing so, you'll practice sharpening and shaping your voice on the page, along with your grammatical, mechanical, and research skills. This course is designed according to the requirements and guidelines of the current AP English Language and Composition Course Description. AP Language is a college-level class in which you will be expected to read critically, think analytically, and communicate clearly in written and verbal forms.

**Grade Level:** 11

**Classification:** Core

**Credit:** 1

**Prerequisites:** English II or English II Honors and English teacher recommendation

## English IV: Mysteries, Mayhem and True Crime

Whether you are drawn to mysteries and true crime because of your macabre fascination, or you want to experience the thrill of the solution, the genre requires us to evaluate the importance of its status. Are we all capable of the atrocities depicted in this type of fiction? Can we empathize with assailants, and if so, what does that say about human nature? What makes crime and mysteries so intriguing? Delving into the genre, we will focus on these questions as well as the author's attempt to enact justice. This course will allow students to engage in literature, pushing them to inquire and reflect on the purpose of and fascination with mayhem and mysteries. Beginning with Edgar Allan Poe and Sir Arthur Conan Doyle, we will explore the fundamental elements of the mystery genre, looking particularly at detective fiction. As we continue in the year, we will progress into modern examples of mysteries, exploring the implementation of classic methods of mystery writers in addition to new deviations from those methods.

At the close of the year, students will study the popular genre of True Crime through podcasts, exploring how different modes of literature still point back to the same questions regarding the depths and depravity of humanity.

**Grade Level:** 12

**Classification:** Core

**Credit:** 1

**Prerequisite:** English III or AP Language and Composition

## English IV: Science Fiction

Do Androids Dream of Electric Sheep? Stories of science fiction offer us some of the strangest and most thought-provoking experiences in all of literature. Whether we read them to be entertained or comforted or terrified or alienated, speculative fiction still attempts to do what all great literature does: grasp some of the deepest questions of human existence. Who are we? What is our purpose? How do we live a good life? We will read works by Ray Bradbury, Arthur C. Clarke, Isaac Asimov, Ursula K. LeGuin, Octavia Butler, Philip K. Dick, Kazuo Ishiguro, Stanislaw Lem, Ted Chiang, Margaret Atwood and others.

**Grade Level:** 12

**Classification:** Core

**Credit:** 1

**Prerequisite:** English III or AP Language and Composition

## AP Literature and Composition

In AP English Literature, students read critically and analyze imaginative literature—poetry, drama, and fiction—from various geographical locations, genres, and periods, concentrating on works of recognized literary merit. The course includes extensive research, regular timed writings, and college-level expectations for both volume and difficulty of texts and essays. Every student will complete a major research project, writing about a specific work and its overarching themes.

**Grade Level:** 12

**Classification:** Core

**Credit:** 1

**Prerequisite:** English III or AP Language and Composition and English teacher recommendation

## Creative Writing I and II

Creative writing is a form of artistic expression that allows individuals to explore their imagination and express their thoughts and ideas through written words. In this course, students will learn the fundamentals of creative writing, including character development, plot structure, and dialogue. They will also have the opportunity to practice their writing skills through a variety of exercises and prompts, as well as workshops and discussions, designed to develop their own unique voice as writers. Upon completion of each course, students will have a better understanding of their own writing style and voice, and will have a collection of their own work to share. Students must take both Creative Writing I and II to qualify for enrollment in Advanced Creative Writing. This is an elective course and does not replace a required English course.

**Grade Level(s):** 9-12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Advanced Creative Writing

This course introduces students to the process of creating, revising, and publishing short stories, poems, and nonfiction. Students learn techniques from master writers, then proceed to write their own pieces and find their own voices. Throughout the trimester, students share their works-in-progress during in-class workshops and offer written and oral commentary on their peers' work. By the end of the term, each student will produce a polished and refined piece of writing to submit for consideration to the Parish literary magazine. This is an elective course and does not replace a required English course.

**Grade Level(s):** 9-12

**Classification:** Elective

**Credit:** .33

**Prerequisite(s):** Creative Writing I and II

# SOCIAL STUDIES

## Global Cultures

Global Cultures introduces and provides insight into global diversity through the analysis of economic, social, political and environmental factors that help define many of the world's major regions. Students focus on the cultural/human geography of societies within those regions of study. They also focus on historical context and contemporary issues that make those regions significant in current world affairs and on their past and present connections with other world regions. This course seeks to create globally competent students with attitudes, values and skills that reflect an openness, interest and positive disposition to all cultures.

**Grade Level:** 9

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## World History

The World History course affords students the opportunity to become amateur historians. Students examine several important topics, such as the development of civilizations, the Age of Exploration, industrialization, imperialism, and global conflict over nine distinct time periods. Students will develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time.

**Grade Level:** 10

**Classification:** Core

**Credit:** 1

**Prerequisite:** Global Cultures

## AP World History: Modern

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

**Grade Level:** 10

**Classification:** Core

**Credit:** 1

**Prerequisites:** Global Cultures and teacher recommendation

## U.S. History

The United States History course is a survey of significant American events from the colonial era to the recent past. Students will learn about a variety of political, diplomatic, economic, social, and cultural events that contributed to the formation of current American society.

Students develop and use the same skills and methods employed by historians including analyzing primary and secondary sources, developing historical arguments, and making historical connections.

**Grade Level:** 11

**Classification:** Core

**Credit:** 1

**Prerequisite:** World History

## **AP U.S. History**

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migrations and settlement; politics and power; American in the world; American and regional culture; and social structures.

**Grade Level:** 11

**Classification:** Core

**Credit:** 1

**Prerequisites:** World History and teacher recommendation

## **Government and Economics**

In this course, students will learn the foundational principles and beliefs of local, state and national government in the United States. They will engage in close examination of case studies related to the U.S. Constitution and the underlying principles of federalism, republicanism, separation of powers, checks and balances, popular sovereignty and individual rights. The economics portion of the course focuses on the basic microeconomic and macroeconomic principles concerning production, consumption and distribution of goods and services in the United States and globally. Throughout all portions of the course, students will also study and develop media literacy skills to be able to effectively obtain, evaluate and use information in making political and economic decisions.

**Grade Level:** 11 and 12

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## **AP European History**

In this Advanced Placement European History course, students analyze the basic events and movements in Europe between 1450 and the present. These events and movements are explored through seven themes: interaction of Europe and the world, economic and Commercial developments, cultural and intellectual developments, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovation. In addition, students learn the following historical thinking skills: development and processes, sourcing and situations, claims and evidence in sources, contextualization, making connections, and argumentation.

**Grade Level:** 12

**Classification:** Core

**Credit:** 1

**Prerequisite:** Teacher recommendation

## **African American History**

This course provides a broad historical survey of the African-American experience in the United States. African American History begins with an introduction to the history and culture of West Africa before 1600 and continues through the civil rights movement and issues concerning African Americans today.

**Grade Level:** 11 and 12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## **Mexican American History\*\***

In Mexican American History, students learn about the history and cultural contributions of Mexican Americans to the United States. They will have opportunities to explore history and culture with relevant film, literature, art, and other media. The course will focus primarily on the twentieth and twenty-first centuries. This course is offered in alternating years.

**Grade Level:** 11 and 12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## **Native American History**

The purpose of this course is to present a survey of Native American history from the pre-European contact period to the present, highlighting the processes by which Europeans and Euro-Americans dispossessed the various Indian nations of their land and identities, as well as the Indians' efforts to adapt to rapidly changing circumstances. The means by which Native American tribes have preserved their identities and cultures is the keynote to the course, rather than emphasizing the many tragic aspects of their histories.

**Grade Level:** 11 and 12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## **Race in American Society\*\***

Not only is racism a historical issue, but we live with its legacy every single day. The purpose of this class is to help students understand this phenomenon, how it operated historically and continues to influence society today. Students will learn how to discuss this challenging topic, identify its presence in various aspects of American society, and develop ways to challenge it in their spheres of influence. This course is offered in alternating years.

**Grade Level:** 11 and 12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Ancient Philosophy

Ancient Philosophy is an introduction to philosophy through some of the writings of the ancient Greek philosophers Plato and Aristotle. Students will learn to read philosophical texts and to identify, analyze, and criticize the arguments they contain. In the process, students will also learn to use a variety of philosophical concepts.

**Grade Level:** 11 and 12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Modern Philosophy

Modern Philosophy is an introduction to philosophy through some of the writings of the early modern philosophers Descartes and Locke and the 20th-century philosopher Gilbert Ryle. Students will learn to read philosophical texts and to identify, analyze, and criticize the arguments they contain. In the process, students will also learn to use a variety of philosophical concepts.

**Grade Level:** 11 and 12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Philosophy of Film

Philosophy of Film is a philosophical investigation of some of the most intelligent films of the last quarter century: Fight Club, Memento, Stranger Than Fiction, Her, and Arrival. After discussing these films in class, students create video essays in which they present and support a philosophical interpretation of each film by making a video that consists of montaged scenes, text slides, and their own narration using the professional film-editing software, Adobe Premiere.

**Grade Level:** 11 and 12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

# WORLD LANGUAGES

## Latin I

Latin I is an introduction to the language, history, and culture of ancient Rome. This course provides students with a foundation of essential Latin vocabulary and major grammatical elements, including noun declensions and cases, pronouns, adjectives, adverbs, and active indicative verb conjugations. Through a combination of grammar and inductive approaches to language learning, students will develop fluency reading Latin narratives, translating sentences, and analyzing syntax. Students will also expand their English vocabulary and understanding of grammar through the study of Latin derivatives and inflected forms. By reading and reflecting on Latin stories set in the Roman Empire, students will learn about significant historical events, the geography of the ancient Mediterranean, religious beliefs and practices, and other major customs of the Roman people.

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## Latin II

The second year of Latin further develops concepts learned in Latin I. After an intensive review, students continue their study of basic Latin grammar. Emphasis will be placed on translation and analysis of complex sentences along with advanced grammatical constructs, such as the subjunctive mood, indirect discourse and the ablative absolute. Students begin to engage with unedited Latin as well as physical Latin preserved in inscriptions and graffiti. Students also learn about the Roman Republic and Early Empire, as well as Roman culture through projects on Roman dining, Saturnalia, Pompeii, and spectacles (gladiators, chariot races, and the Olympics).

**Classification:** Core

**Credit:** 1

**Prerequisite:** Latin I

## Latin III

Latin III begins with a comprehensive review of Latin grammar and vocabulary. Students then move on to reading Latin prose and poetry, focusing on Caesar's *Gallic War* and Ovid's *Metamorphoses*. These readings provide an opportunity not only to delve into the Roman World as it moves from the Republic to Empire, but also to develop literary critical skills. In addition to pure language instruction, students will devote time to the study of Roman history and the general culture of the ancient Mediterranean world.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Latin II

## Latin III Honors

Latin III Honors begins with a quick review of Latin grammar and vocabulary. Students then move on to reading Latin prose and poetry, focusing on Caesar's *Gallic War* and Ovid's *Metamorphoses*. These readings provide an opportunity not only to delve into the Roman World as it moves from the Republic to the Empire. Moreover, students learn about literary devices, poetic meter, and other features of ancient

literature, developing their critical analysis skills. In addition to pure language instruction, students will devote time to the study of Roman history particularly the last century of the Roman Republic and the early years of the Principate. The pace of this course is significantly faster than Latin III in order to prepare the students for advanced Latin course.

**Classification:** Core

**Credit:** 1

**Prerequisites:** Latin II and teacher recommendation

### **Latin IV / Latin IV Honors**

The goal of Latin IV is to introduce students to the range of ways that scholars engage with Latin literature as source material. Students continue to practice their translation skills by reading the poems of Catullus, Pliny's Letters, and Ovid's *Heroides*. Students will use these texts, as well as secondary scholarship, to explore culture topics such as Roman marriages, funerals, and the lives of women. Students also use these texts as inspiration for their own compositions in English. An Honors track is available in Latin IV.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Latin III and teacher recommendation

### **Latin V / Latin V Honors**

Latin V is designed as a culmination of our Latin progression at Parish. While previous Latin courses focused on analyzing Latin texts as literary works and historical sources, this course approaches texts as resources for comparative analysis and social reflection. History may not repeat itself, but it often rhymes. American society today is littered with discussions on citizenship, immigration, race, ethnicity, and identity in general. References to antiquity, Rome in particular, are brought into these debates, often incorrectly to justify aggressive immigration laws, restrictive citizenship, & even white supremacy. However, as one scholar notes, "A narrative of a monoethnic and monochromatic Classical world is demonstrably false and, frankly, boring" (Kennedy, 2017). An Honors track is available in Latin V.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Latin IV and teacher recommendation

### **Spanish I**

This course provides an introduction to the Spanish language and serves as a foundation for subsequent studies. Students will develop speaking, listening, reading, and writing skills in Spanish as well as gain an understanding and an appreciation of the culture of the Spanish-speaking world. Students will engage in short conversations, present basic information, write sentences and short paragraphs, read simple passages, and comprehend simple dialogs about different topics such as family, daily life, school life, shopping, food and drink, and leisure activities using the target language. Cultural topics include geography, education, and family dynamics.

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## Spanish II

This course is designed to further develop use of learned material in highly predictable situations. Through topics such as school, community and the news, students both broaden their vocabulary and learn new grammatical concepts which allow them to communicate more effectively. Listening activities provide the comprehensible input necessary for students to use Spanish to learn about a variety of topics. Through various activities, students become more comfortable in using the Spanish they have learned.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Spanish I (in US or in MS). Students new to Parish must demonstrate Spanish I skills on the Parish placement exam.

## Spanish III

This course is designed for students who want to increase their proficiency and prepare for college Spanish. Speaking, listening, reading and writing skills will be strengthened and accuracy will increase as they develop a better understanding of the structure of the language. Greater oral proficiency, focusing on extemporaneous speech, is a major goal and particular emphasis is placed on the acquisition of extensive, practical vocabulary and idiomatic usage. The culture of the countries studied is integrated with reading and listening activities.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Spanish II. Freshmen with continuous elementary through eighth grade studies may qualify with demonstration of appropriate skills on the Parish placement exam and departmental recommendation. Students new to Parish must demonstrate Spanish II skills on the Parish placement exam.

## Spanish III Honors

This course is designed for students with a passion for learning the language and a desire to eventually take AP Spanish. Students will move at an accelerated pace to gain greater proficiency. They will build communicative skills as they participate in listening, speaking, reading and writing activities. The history and culture of the Spanish-speaking world will provide the context for studying the language as students read news articles, novels, and short stories. Students will develop larger, more nuanced vocabularies, including idiomatic expressions. They will achieve increased accuracy with the spoken and written language through intensive study of grammar and syntax.

**Classification:** Core

**Credit:** 1

**Prerequisites:** Spanish II and teacher recommendation

## Spanish IV

Spanish IV is for students who are interested in further developing their language proficiency, but who are not pursuing the Advanced Placement track. The course is especially suited to helping learners develop good listening comprehension skills. Speaking and writing skills are also addressed. Additionally, the course will focus on the diversity of Hispanic cultures.

Students will compare and contrast their own cultures to those of the Spanish-speaking world.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Spanish III or Spanish III Honors

### **Spanish IV Honors**

This course is designed for students who are interested in pursuing Advanced Placement studies.

Students will begin applying familiar structures to new situations in which they express, describe and narrate their own thoughts on familiar topics, offer opinions and comprehend a variety of authentic reading and listening passages. They begin to supplement vocabulary with expressions acquired from dictionaries, reading selections and other sources, as well as expand their use of a variety of language structures. Students will become more aware of their own mistakes and be able to self-correct. They will read a variety of sources and news articles designed for intermediate language learners and explore current issues as well as topics with historical and cultural significance. Discussions are conducted in Spanish.

**Classification:** Core

**Credit:** 1

**Prerequisites:** Spanish III Honors and teacher recommendation

### **Spanish V**

This course focuses on conversation and culture and is designed to help students continue the progress they made in Spanish IV toward higher language proficiency levels. By exploring film and literature, students broaden their vocabulary and use the language, both written and oral. In addition, students practice many “real life” scenarios which assists in preparing them to use Spanish outside of the classroom. Through a variety of activities, Spanish V students prepare themselves to use the language beyond the classroom.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Spanish IV or Spanish IV Honors

### **AP Spanish Language**

This course is comparable to the fifth or sixth semester of a college Spanish language composition and conversation course. It prepares students for both college Spanish and the Advanced Placement test. Students will learn advanced grammatical concepts and develop proficiency in listening, speaking, reading and writing: the four sections of the AP test. Students will learn how to speak interpersonally and give presentations in Spanish. They will be able to write short communications and formal essays synthesizing authentic listening sources and formal readings. They will enrich and expand their vocabulary significantly by reading a variety of sources—both literature and informal readings—and by listening to native sources on radio broadcasts as well as more formal deliveries.

**Classification:** Core

**Credit:** 1

**Prerequisites:** Spanish IV Honors or Spanish V and teacher recommendation

## Spanish: Advanced Topics

This is a year long conversational course in which students learn to use Spanish in more formal environments through a variety of units of study like: International Business, Medical Interpretation, Culinary Arts, History, and/or Literature. Overall, students will finish this course with the ability to interact in Spanish in a variety of formal environments.

**Classification:** Core

**Credit:** 1

**Prerequisite:** AP Spanish or Spanish V

## Spanish Study Abroad (The Academy Exclusive)

Spanish Study Abroad is a summer Spanish Language immersion program in San Sebastián, Spain, offers students the opportunity to solidify their language skills while exploring San Sebastián on the gorgeous northern coast of Spain. In partnership with Horizons Abroad, students will experience daily Spanish life while staying with a host family, build vocabulary and grammar skills during daily morning languages classes taught by Parish faculty, and put their skills into practice during afternoon and weekend activities that explore the local culture and history. Students wishing to earn Parish credit will also be required to attend classes at Parish both prior to and upon return from our time in Spain.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Spanish III (or higher)

## French I

This course provides an introduction to the French language and serves as a foundation for subsequent studies. Students will develop speaking, listening, reading, and writing skills in French as well as gain an understanding and an appreciation of the culture of the French-speaking world. Students will be asked to demonstrate their ability to engage in short conversations, present basic information, write sentences and short paragraphs, read simple passages, and comprehend simple dialogs about different topics such as family, daily life, school life, shopping, food and drink, and leisure activities using the target language. Cultural topics include geography, education, and family dynamics.

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## French II

This course is designed to further develop the students' language ability in French. Students will continue to develop their speaking, listening, reading, and writing skills in French on topics such as daily life and routine, leisure activities and travel, shopping and clothing, food, sports and health, and their home and city. Topics will be covered in more depth and students will be asked to demonstrate their ability to engage in longer conversations, present practiced information, write longer paragraphs, read more complex passages, and comprehend dialogs and other audio samples. The students will be asked to compare aspects of their culture to the culture of France and Francophone countries through projects and readings.

**Classification:** Core

**Credit:** 1

**Prerequisite:** French I

## French III

This course completes the three-year language requirement for students who want to further develop their ability with the French language and knowledge of the French/Francophone culture, but who may not be interested in pursuing higher levels of French, such as French 4 or 4 Honors. Students will follow the same basic curriculum as the honors class, but with assignments and assessments appropriate for their skill levels and language goals. Students will be asked to demonstrate their ability to engage in longer conversations, present practiced information using few notes, write short essays, read more complex passages, and comprehend more complex dialogs and other audio samples. Students will continue to develop their speaking, listening, reading, and writing skills in French on topics such as describing themselves and others, talking about relationships and feelings, talking about their daily routine and chores, technology and science, travel, and professions. Cultural topics include art, science and technology, the French-speaking world, and the media.

**Classification:** Core

**Credit:** 1

**Prerequisite:** French II

## French III Honors

This course is a continuation of French 1 and French 2, and is designed for students who wish to significantly improve their fluency in the language. Additionally, this level provides a bridge to advanced work in preparation for higher levels of French, such as French 4 and French 4 Honors. In French 3 Honors, students begin to use the language with a higher degree of both accuracy and creativity than in previous courses. Students will be asked to demonstrate their ability to engage in longer conversations, present practiced information using few notes, write short essays, read more complex passages, and comprehend more complex dialogs and other audio samples. Students will continue to develop their speaking, listening, reading, and writing skills in French on topics such as describing themselves and others, talking about relationships and feelings, talking about their daily routine and chores, technology and science, travel, and professions. Cultural topics include art, science and technology, the French-speaking world, and the media.

**Classification:** Core

**Credit:** 1

**Prerequisites:** French II and teacher recommendation

## French IV

This course is designed to further develop a student's language proficiency in writing, listening, and reading, and to give them an opportunity to increase their oral fluency in the French language. Students will follow the same basic curriculum as the honors class, but with assignments and assessments appropriate for their skill levels and language goals. Students will be asked to demonstrate their ability to engage in impromptu conversations, present practiced information using no notes, write essays, read complex passages, and comprehend authentic dialogs and other audio samples using French speakers with different accents. Students will continue to develop their speaking, listening, reading, and writing skills in French on topics such as art and literature, food and nutrition, university studies and professions, current events, and world issues. Cultural topics include excerpts of literature, poetry, and social issues in the Francophone world.

**Classification:** Core

**Credit:** 1

**Prerequisites:** French III and teacher recommendation

## French IV Honors

This course is designed to further develop a student's language proficiency in writing, listening, and reading, and to give them an opportunity to increase their oral fluency in the French language. Extensive practice in conversational and presentational speaking will be combined with practice in listening, reading and writing. Advanced grammar and vocabulary will be presented and practiced. Students will be asked to demonstrate their ability to engage in impromptu conversations, present practiced information using no notes, write essays, read complex passages, and comprehend authentic dialogs and other audio samples using French speakers with different accents. Students will continue to develop their speaking, listening, reading, and writing skills in French on topics such as art and literature, food and nutrition, university studies and professions, current events, and world issues. Cultural topics include excerpts of literature, poetry, and social issues in the Francophone world.

**Classification:** Core

**Credit:** 1

**Prerequisites:** French III Honors and teacher recommendation

## French Film and Literature

This course is designed to further develop a student's ease and confidence in conversational French and composition in the target language through the exploration of French film and literature. The mediums of film and literature will also allow the students to explore French history and culture. Students will read excerpts of novels and poems and reflect on their reading through writing and speaking. Additionally, students will watch relevant French and Francophone films in the target language and compose written and spoken reflections based on the viewing. Topics of discussion include isolation, discrimination, family dynamics, the effects of war, and comedy.

**Classification:** Core

**Credit:** 1

**Prerequisite:** French IV Honors or teacher recommendation

## Arabic I

This course is an introduction to Modern Standard Arabic (MSA). It is an initiation to both Arabic letters, sounds, numbering system, spelling conventions of MSA as well as to the culture and traditions of the Arab world. In this course, the student will develop beginner level skills in speaking, reading and listening. The mastery of these basic skills will be achieved through frequent oral practices and repetition. Basic grammatical structures and a variety of vocabulary will be covered.

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## Arabic II

This course is the second year of Modern Standard Arabic (MSA). It is a continuation of the Arabic I curriculum including the culture and traditions of the Arab world. Student will develop skills in speaking, reading and listening. They learn common verbs and conjugations in the present and past, intermediate vocabulary, various grammar structures, and aspects of Arabic culture will also be covered. Mastery of these basic skills will be achieved through frequent oral practices and repetition. Through the use of authentic audio-visual materials and conversational exercises, students will develop listening and speaking skills. Writing skills will be developed through writing exercises and spelling tests.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Arabic I

## Arabic III

This course is the third year of Modern Standard Arabic (MSA). It is a continuation of the Arabic II curriculum. In this course, students will further develop all four language skills: speaking, reading, writing, and listening. Focus will be on acquiring complex grammatical structures, enhancing the learning of the Arabic culture, discovering idioms in the language, and exploring traditions in the Arab world. The students will learn additional verbs in all tenses, as well as expanding on the past tense. Intermediate and advanced vocabulary will be presented. Mastery of these basic skills will be achieved through frequent oral practice and repetition. Through the use of authentic audio-visual materials and conversational exercises, students will develop further listening and speaking skills. Writing skills will be developed through various writing exercises and spelling tests.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Arabic II

## Arabic Script and Society

In this course, students learn the magic of Arabic Calligraphy blended with essential cultural expressions and customs from Arabic societies. This yearlong course introduces all the letters of the Arabic script with their correct proportions and scales. From mastering these letter forms, students will learn to shape them into words and everyday phrases that allow students to understand and appreciate Arabic cultures. Students will practice Arabic calligraphy while learning its historical development and examining its relationship to the daily lives of different Arabic communities, including architectural adornment and cultural practices. This course does not count towards the required world language graduation credit.

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## Culinary Culture: Mexico

This course explores the history and culture of Mexico through its most iconic and traditional ingredients. Since people from all over the world make Mexico their home, Mexico is also diverse in its population. Learn how their cultures and foods have influenced and produced Mexico's cuisine and why UNESCO declared Mexican Cuisine a cultural treasure.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Culinary Culture: France

French cooking is considered to be the most prestigious of all the Culinary Arts. French high cuisine formalized cooking, laying the foundation for the study of this art form. It was Marie-Antoine Careme who began teaching French cooking as a sophisticated skill that specifically required specialized techniques and precision. In our class we will be learning some of these techniques along with some of the most popular French dishes and sauces and how they connect to what cooking is today.

**Grade Level(s):** 11-12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Culinary Culture: Mexico

## Culinary Culture: Heritage Festivals

Do you know you could literally go on a trip around the world from holiday celebration to holiday celebration and fill your whole year? And what characterizes holiday celebrations more than food? Come explore different cultures and the food they use to celebrate as you learn about the most important dates in their calendars and the recipes that help them make these events special.

**Grade Level(s):** 10-12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Algebra I

Students entering this course should have some familiarity with the concept of a variable and expressions involving a variable. They should also be familiar with mathematical operations involving integers, fractions, and decimals as well as using inverse operations in order to solve simple linear equations. Students will build upon these skills throughout the year as they study properties of exponents, polynomials and their factors, and rational expressions. Students will become familiar with properties of the graphs of linear and quadratic functions. Students will learn to solve linear, quadratic and rational equations, both in a purely mathematical setting as well as in real-world contexts. Students will use a TI-Nspire CX graphing calculator.

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## Geometry

In this course students learn the concepts of two- and three-dimensional geometry as a logical mathematical system. Topics covered include points, lines, planes, angles, parallel and perpendicular lines and planes, triangles, congruent figures, quadrilaterals, similarity, right triangles, trigonometry, circles, area and volume. Students develop an understanding of proofs and constructions as well as use algebra to analyze and solve problems. Dynamic computer software is incorporated into the course to illustrate concepts and motivate the discovery of geometric ideas. Students will use a TI-Nspire CX graphing calculator.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Algebra I

## Geometry Honors

Geometry Honors is a fast-paced, in-depth course covering more abstract mathematical perspectives. Students learn the concepts of two- and three-dimensional geometry as a logical mathematical system. Topics covered include points, lines, planes, angles, parallel and perpendicular lines and planes, triangles, congruent figures, quadrilaterals, similarity, right triangles, trigonometry, circles, area and volume. Students develop an understanding of proofs and constructions as well as use algebra to analyze and solve problems. Geometry Honors is intended for students who enjoy mathematics and who may eventually want to specialize in mathematics or related fields in college. Students will use a TI-Nspire CX graphing calculator.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Final grade of A or higher in Algebra I and/or departmental approval

## Algebra II

Students in this course study linear, absolute value, quadratic, rational, exponential, logarithmic and polynomial functions. Students will learn to express and solve problems algebraically, numerically and graphically. Students will also gain proficiency in working with a graphing calculator and learn to use it as a tool in problem solving. Students will use a TI-Nspire CX graphing calculator.

**Classification:** Core

**Credit:** 1

**Prerequisites:** Algebra I and Geometry

## Applied Mathematics

Students who enroll in this year-long course will study Topics in Statistics, Financial Literacy, and Problem Solving. The Topics in Statistics component will address the mechanics and use of statistics in different real-world applications, leveraging student interest to allow students to demonstrate their understanding of the concepts in unique ways. The Financial Literacy component provides an introduction to the financial literacy concepts that everyone should know. Topics will include income, budgeting, debt, investments, and other major financial decisions. The Problem Solving component will provide students with the opportunity to solve a variety of problems using a variety of methods. Please note that this course does not meet NCAA requirements for a core math course and will not count as an approved math course for college entrance purposes.

**Grade Level(s):** 11-12

**Classification:** Core

**Credit:** 1

**Prerequisite:** Algebra II (at least concurrently or with approval of the department)

## Algebra II Honors

This course will include all of the topics covered in Algebra II as well as additional topics such as matrices, algebraic proofs, regression equations, sequences, and series. Material will be presented at a faster pace and in greater depth than the college preparatory course. Students in this course should have strong reasoning ability and expect more non-routine problems. Students will use a TI-Nspire CX graphing calculator.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Final grade of B+ or higher in Geometry Honors and/or departmental approval

## Trigonometry and Statistics

Students in this course will study elementary functions and their use in modeling real-world situations. Emphasis will be placed on presenting algebra in the context of real-world applications and strengthening students' understanding and skills through problem solving. Upon completion of this course students should be ready for either Precalculus or for an entry-level college mathematics course. Students will use Microsoft Excel and a TI-Nspire CX to analyze data, investigate graphs, and develop mathematical models.

**Classification:** Core

**Credit:** 1

**Prerequisites:** Algebra II and departmental placement

## Precalculus

Students in this course will continue to refine their algebra skills and become more familiar with applications of the major function families: polynomial, rational, exponential, and logarithmic. They will build their problem-solving skills and will become more comfortable with information presented algebraically, numerically and graphically. The course includes a comprehensive study of circular and analytic trigonometry, polar coordinates and sequences and series. Students will use a TI-Nspire CX graphing calculator to analyze data, investigate graphs, and develop mathematical models.

**Grade Level:** 12

**Classification:** Core

**Credit:** 1

**Prerequisite:** Algebra II

## Precalculus Advanced

Students in this course will continue to refine their algebra skills and become more familiar with applications of the major function families: polynomial, rational, exponential and logarithmic. They will build their problem-solving skills and will become more comfortable with information presented algebraically, numerically and graphically. The course includes a comprehensive study of circular and analytic trigonometry as well as polar coordinates and sequences and series. Course material includes limits in order to prepare students for AP Calculus AB. Students will use a TI-Nspire CX graphing calculator to analyze data, investigate graphs, and develop mathematical models.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Final grade of B or higher in Algebra II or C or higher in Algebra II Honors

## Precalculus Honors

This course will include all of the topics covered in Precalculus Advanced as well as an introduction to topics in Calculus. Material will be presented at a faster pace and in greater depth than the advanced course. It provides students with rigorous preparation for the subsequent study of AP Calculus BC. Students in this course should have strong reasoning ability and should expect more non-routine problems as well as proof. Students will use a TI-Nspire CX graphing calculator to analyze data, investigate graphs and develop mathematical models.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Final grade of B+ or higher in Algebra II Honors and/or departmental approval

## Introduction to Calculus with Statistics

This course will cover three main topics: Differential Calculus, Integral Calculus, and Statistics. The calculus topics will be presented in that order with statistical concepts which will be developed alongside the Calculus throughout the course. The topics will be less rigorous than their AP counterparts and will be focused more on practical applications with emphasis on building and analyzing mathematical models. The course includes topics that are not part of the AP curriculum and provides flexibility to explore areas of student curiosity in more detail. It is intended for students interested in continuing their studies in mathematics without the intensity of an AP course. Students will use a TI-Nspire CX graphing calculator.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Final grade of C or higher in Precalculus Advanced and/or departmental approval

## AP Statistics

AP Statistics is designed to prepare students for success on the AP Statistics exam in May. This course introduces the student to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The course is divided into four major themes: exploratory analysis, experimental design, probability, and statistical inference. Within each theme, the topics emphasize statistical thinking and communication and minimize computational procedures. Projects and cooperative group data analysis are an integral part of the course. Students will use a TI-Nspire CX graphing calculator.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Final grade of B or higher in Precalculus (any level) or an A- in Algebra II Honors and/or departmental approval

## AP Calculus AB

AP Calculus AB is designed to prepare students for success on the AP Calculus AB exam in May. This course covers differential and integral calculus of a single variable and is equivalent to the first semester of a typical college calculus course plus select topics from the second semester course. Topics covered include limits and their applications, derivatives and their applications, antiderivatives, definite integrals, differential equations, and techniques of integration. Students enrolling in this college-level course should expect a demanding pace, both in the classroom and in their preparation at home. Students will use a TI-Nspire CX graphing calculator.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Final grade of B+ or higher in Precalculus Advanced and/or departmental approval

## AP Calculus BC

AP Calculus BC is designed to prepare students for success on the AP Calculus BC exam in May. This course covers differential and integral calculus of a single variable and is equivalent to two semesters of college Calculus. Topics covered include derivatives and their applications, antiderivatives, definite integrals and their applications, differential equations, techniques of integration, vectors, polar coordinates, and sequences and series. Students enrolling in this college-level course should expect a demanding pace, both in the classroom and in their preparation at home. Students will use a TI-Nspire CX graphing calculator. This course has the option for dual credit through a partnership with Dallas College. Students will have to meet eligibility standards for Dallas College, including additional testing requirements, to qualify for dual credit.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Final grade of B+ or higher in Precalculus Honors and/or departmental approval

## Multivariable Calculus

This course is a study of advanced topics in calculus, including vectors and vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals, and Jacobians; application of the line integral including Green's Theorem, the Divergence Theorem, and Stokes' Theorem. To take this course, students are required to enroll in dual credit through a partnership with Dallas College. Students will have to meet eligibility standards for Dallas College, including additional testing requirements, to qualify for dual credit.

**Classification:** Core

**Credit:** 1

**Prerequisite:** AP Calculus BC

## Financial Literacy

This course provides an introduction to the financial literacy concepts that everyone should know. Students will be role-playing different scenarios in their lives and learning how to plan and respond financially. Topics covered will include income and budgeting, debt, investments, and other major financial decisions.

**Grade Level:** 11-12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Algebra II (at least concurrently or with approval of the teacher)

## Problem Solving

In this course students will strengthen problem-solving skills by studying a number of strategies that are often not covered in math class. These are valuable tools for solving non-routine and real world problems that students encounter in math and science class. Students will work both independently and in small cooperative groups to solve a variety of problems. Thinking skills will be further developed by learning to communicate mathematical thinking both orally and written. Because the assignments for this class will change from year to year, students may take this class more than once.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Algebra II (at least concurrently or with approval of the teacher)

## Topics in Statistics

In this course, students will address the mechanics and use of statistics in different real-world applications. Depending on the trimester schedule and student interest, we will cover the use of statistics in sports, politics, social issues, and other areas as well. We may also bring in speakers who will address the use of statistics in their fields. calculator.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Algebra II (at least concurrently or with approval of the teacher)

# SCIENCE

## Physics

This introductory course stresses deep conceptual understanding of physical principles as they apply to everyday life. The course covers selected topics in mechanics. The physics course offers a balance of qualitative reasoning and conceptual understanding with quantitative reasoning and problem solving.

**Grade Level:** 9

**Classification:** Core

**Credit:** 1

**Prerequisite:** None

## Physics Honors

This inquiry-based course aims to develop an understanding and appreciation of fundamental physics concepts as they apply to everyday life. This course offers an in-depth analysis of a variety of topics that include mechanics along with selected topics in modern physics. Honors Physics moves at a slightly faster pace than the Physics course and uses algebra and trigonometry in problem solving.

**Grade Level:** 9

**Classification:** Core

**Credit:** 1

**Prerequisites:** Placement test and teacher recommendation

## Chemistry

This course introduces the fundamental concepts of chemistry as a physical science. Topics covered in this course include the structure of matter; the periodic table; atomic theory and atomic structure; chemical bonding; writing and naming chemical compounds; classifying, balancing, predicting products for chemical reactions; and calculations with chemical quantities. Emphasis will be placed on laboratory techniques and problem solving.

**Grade Level:** 10

**Classification:** Core

**Credit:** 1

**Prerequisite:** Physics

## Chemistry Honors

This course offers an in depth study of introductory chemistry. The topics covered include the structure of matter, the periodic table, chemical bonding, nomenclature, molecular geometry, solubility, stoichiometry, acid-base reactions, nuclear chemistry. This faster paced course contains abstract concepts and requires higher mathematical problem-solving skills than the college preparatory course. Chemistry Honors prepares students for AP Chemistry.

**Grade Level:** 10

**Classification:** Core

**Credit:** 1

**Prerequisites:** B or above in Honors Physics or A or above in Physics and teacher recommendation

## Biology

This course introduces students to the mechanisms and diversity of life within an evolutionary context. Essential themes of biology are integrated across the topics covered: biological systems, the cellular basis of life, form and function, inheritance, interaction with the environment, energy and life, regulation, adaptation and evolution. Laboratory exercises are performed to reinforce concepts, and current events are used to supplement discussions. Outstanding students who complete this course are encouraged to consider AP Biology as an option for the following year.

**Grade Level:** 11

**Classification:** Core

**Credit:** 1

**Prerequisite:** Chemistry

## Biology Honors

This course focuses on life's organizational hierarchy, emergent properties, cellular basis, unity in diversity, and inheritance of biological information. Through laboratory experiences, demonstration and lecture, emphasis is placed on the correlation of form and the function of living things. A common core theme of evolution underscores the dynamic nature of life. This fast paced course utilizes advanced laboratory techniques and serves as a lead-in for students with intent to take AP Biology.

**Grade Level:** 11

**Classification:** Core

**Credit:** 1

**Prerequisites:** B or above in Honors Chemistry or A or above in Chemistry and teacher recommendation

## Anatomy and Physiology

This year-long course introduces students to the complexity of the human body through the dual discipline study of anatomy and physiology. The course explores the intertwined relationship between the structure and function of the organ systems, development of the body, disorder and disease, as well as examining the implication of current research in the field. Through lab, lecture, and research, students develop not only an understanding of this biological specialization, but get hands-on experience building their own MANIKEN model.

**Grade Level:** 12; Juniors with teacher approval

**Classification:** Core

**Credit:** 1

**Prerequisites:** Physics, Chemistry, and Biology

## Bioengineering and Bioethics

This course will introduce students to the technology used to analyze and manipulate biomolecules (such as DNA) in medicine, agriculture, and forensics. The ethical ramifications of this ability will be explored in depth. The crossover between STEM and humanities will be emphasized as we explore what we can do in a biotechnology lab in light of what we should do in a biotechnology lab.

**Grade Level:** 12; Juniors with teacher approval

**Classification:** Core

**Credit:** 1

**Prerequisites:** Physics, Chemistry, and Biology

## Environmental Science

The activity-based environmental science course provides students with the scientific principles and methodologies 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 and propose alternative solutions to resolving or preventing them.

**Grade Level:** 12; Juniors with teacher approval

**Classification:** Core

**Credit:** 1

**Prerequisites:** Physics, Chemistry, and Biology

## AP Biology

This college-level survey course follows the Advanced Placement curriculum with a focus on four big ideas:

1. The process of evolution drives the diversity and unity of life.
2. Biological systems utilize energy and molecular building blocks to grow, reproduce and maintain homeostasis.
3. Living systems retrieve, transmit and respond to information essential to life processes.
4. Biological systems interact and these interactions possess complex properties.

There is a significant laboratory component with both descriptive and experimental laboratory exercises designed to reinforce and expand the facts, principles, and concepts of the lecture material. This course prepares students to take the AP Biology examination.

**Grade Level:** 12; Juniors with teacher approval

**Classification:** Core

**Credit:** 1

**Prerequisites:** B+ or above in Honors Biology or A or above in Biology and teacher recommendation

## AP Chemistry

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four big ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. There is a laboratory component with both descriptive and experimental laboratory exercises designed to reinforce and expand the concepts of the lecture material. This course builds on the skills learned in Chemistry and expands on the topics learned (stoichiometry, reaction predictions, intermolecular forces and periodic trends). Additional major topics covered include thermodynamics, kinetics, equilibrium, and electrochemistry. The course prepares students to take the AP Chemistry examination. This course has the option for dual credit through a partnership with Dallas College. Students will have to meet eligibility standards for Dallas College, including additional testing requirements, to qualify for dual credit.

**Grade Level:** 11

**Classification:** Core

**Credit:** 1

**Prerequisites:** B or above in Honors Chemistry or A or above in Chemistry and Biology and teacher recommendation

## AP Physics C: Mechanics

AP Physics C: Mechanics is a college-level, calculus-based course. AP Physics C provides instruction in basic physics knowledge and problem solving and aims to increase the students' ability to connect their knowledge to the real world with creativity and within other disciplines. The Physics C: Mechanics course provides instruction in the following six content areas: kinematics; Newton's Laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Because of the nature of the course, introductory differential and integral calculus is used throughout the course. There is a significant laboratory component with both descriptive and experimental laboratory exercises designed to reinforce and expand the facts, principles, and concepts of the lecture material.

**Classification:** Core

**Credit:** 1

**Prerequisites:** Concurrent enrollment in either AP Calculus course and teacher recommendation

## AP Psychology

This course introduces students to both the historical and current thinking in the field of psychology. The study of psychology as a process is stressed with a focus on methods. We will introduce the different perspectives of psychology including biological, behavior, cognition, psychoanalytic, and social-cultural to examine how they impact our daily lives. This course is designed to spark an interest in the field of psychology and should prepare students to take more advanced psychology courses in the future. Class participation is vital in this discussion/project-based course. The readings are used to initiate and propel class discussion and provide a jumping off point for projects. Students conduct their own research and produce original work. Students successfully completing this course should be more confident in their abilities to understand their own beliefs about the science of human behavior. This course does not replace a required science course or science elective.

**Grade Level:** 12

**Classification:** Core

**Credit:** 1

**Prerequisites:** B- or above in Biology and teacher recommendation

## HEALTH

### Health

Health is a required single trimester course designed for students to explore and expand their understanding of health related topics. The course focuses on self-awareness to examine the connections among physical, mental, and social health, and the impact it has on their lives and others. Students are encouraged to increase their self-awareness as they explore decision making, conflict resolution, stress management, nutritional health, physical health, mental/emotional health, social health, online safety, personal health habits, healthy relationships and the biology of sex. These topics are serious and often personal and require an increased level of maturity. The course provides the working knowledge for students to make healthy lifelong decisions but leaves the standard and expectation setting to the parents or guardians. Parents or guardians are encouraged to engage their student in discussion about the topics put forth in class. While this course is an elective, the pace and depth requires students to invest and engage in order to maximize their experience. Students work collaboratively in and out of class while developing strong personal discipline to complete their work.

**Classification:** Required elective

**Credit:** .33

**Prerequisite:** None

# COMPUTER SCIENCE

## 3D Modeling and Animation I

Using the open source 3D modeling software, Blender, students have an opportunity to create cutting-edge technology projects. This course is largely self-directed, giving students the freedom to design projects based on their own areas of interest and to decide what technologies to use. Working alone and with peers, students will complete an introductory project to learn basic modeling skills, and then will create independent works to showcase what they have learned. Students may be asked to make presentations of their work.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## 3D Modeling and Animation II

In this course, students build upon knowledge and skills gained in Level I. Students demonstrate building competency through projects of their own choosing. In addition to topics from Level I, students learn more advanced skills, such as compositing and more advanced lighting, texturing, and shading techniques. Students present their portfolio that chronicles their learning at the end of the course. Students in grades 9-11 may petition for a maximum of .33 arts crossover credit for any one of the following: 3D Modeling & Animation II, 3D Modeling & Animation III, CAD/CAM, Advanced CAD/CAM, or Unmanned Aerial Vehicles (Drones).

**Classification:** Elective

**Credit:** .33

**Prerequisite:** 3D Modeling & Animation I

## 3D Modeling and Animation III

In this course, students build upon knowledge and skills gained in Level II. Students demonstrate building competency through projects of their own choosing. In addition to topics from Levels I and II, students learn more advanced skills, such as rigging, more advanced animation, and photorealism. Students present their portfolio that chronicles their learning at the end of the course. Students in grades 9-11 may petition for a maximum of .33 arts crossover credit for any one of the following: 3D Modeling & Animation II, 3D Modeling & Animation III, CAD/CAM, Advanced CAD/CAM, or Unmanned Aerial Vehicles (Drones).

**Classification:** Elective

**Credit:** .33

**Prerequisite:** 3D Modeling & Animation II

## Coding for OOP

This course serves as an introduction to object-oriented programming (OOP) and prepares students for more advanced programming courses. Students will be introduced to OOP through the use of the Python programming language. Students learn to use methods, functions, parameters, arguments, if-else statements, and loops using this easy-to-learn language.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Algebra I

## Introduction to Computer Science: Coding

ICS: Coding is one of several single-trimester introductory computer science courses. ICS: Coding will focus on human-computer interaction, Internet resources and usage techniques, what goes on behind the scenes in applications, and problem solving using algorithms and logical, stepwise processes. Basic computer programming will be introduced and students will create simple programs.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Introduction to Computer Science: Web Design

ICS: Web Design is one of several single-trimester introductory computer science courses. ICS: Web Design will focus on basic website design, including basic HTML, CSS, and image editing for the web. Students will learn how to create simple websites, and will even publish their own website to the Web.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Introduction to Computer Science: Data Science

ICS: Data Science is one of several single-trimester introductory computer science courses. ICS: Data Science will focus on computing and data analysis, including data collection, data analysis, and data utilization. Students will learn how to analyze data and will create various data visualizations.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** ICS: Coding or instructor approval

## Introduction to Computer Science: Cybersecurity

ICS: Cybersecurity introduces students to the basic concepts of cybersecurity and the "Security Mindset" through a series of threat modeling activities. The need for user identification and authentication, and social engineering are also addressed. Hands-on lessons, using the Python programming language, are used to model and explore various cybersecurity challenges, such as DoS, replay, and brute force attacks.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## AP Computer Science Principles

This is a college preparatory course designed to cover the Advanced Placement Computer Science Principles Exam. The AP Computer Science Principles course will introduce students to the essential ideas of computer science and show how computing and technology can influence the world around you. Students will creatively address real-world issues and concerns while using the same processes and tools as artists, writers, computer scientists, and engineers to bring ideas to life.

**Classification:** Core

**Credit:** 1

**Prerequisites:** Algebra I and one ICS elective

## AP Computer Science A

This is a college preparatory course designed to cover the Advanced Placement Computer Science A Exam topics. The students will build upon what they learned in Coding for OOP and focus on the Java programming language. Upon successful completion of the course, students will have a strong foundation in object oriented programming and its components as they pertain to the AP CS-A course.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Coding for OOP or instructor approval

# ENGINEERING

## CAD/CAM

This course will explore the use of Computer Aided Design (CAD) software and Computer Aided Manufacturing (CAM) tools. CAD software includes Fusion 360 (3D modeling) and Inkscape (2D vector drawing). CAM tools include Parish's laser cutter, 3d printer and Vinyl printer/cutter. Students will design and fabricate a variety of projects using CAD/CAM methods and technology. This class can be taken more than once. Students in grades 9-11 may petition for a maximum of .33 arts crossover credit for any one of the following: 3D Modeling & Animation II, 3D Modeling & Animation III, CAD/CAM, Advanced CAD/CAM, or Unmanned Aerial Vehicles (Drones).

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Advanced CAD/CAM

The purpose of this course is to teach students the basic programming and operation of computer controlled machines. Computer Numeric Controlled (CNC) machines are capable of rapidly and repeatedly producing precision components out of wood, plastic and metal. Students will learn to program and operate Parish's ShopBot CNC router and/or Tormach 770 CNC mill. Students in grades 9-11 may petition for a maximum of .33 arts crossover credit for any one of the following: 3D Modeling & Animation II, 3D Modeling & Animation III, CAD/CAM, Advanced CAD/CAM, or Unmanned Aerial Vehicles (Drones).

**Classification:** Elective

**Credit:** .33

**Prerequisite:** CAD/CAM

## Engineering

In this course, students will learn and put into practice the Engineering Design Process. The students will use the resources and equipment of the Design Den to solve a practical real world problem that applies to the school or community.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Advanced Engineering

This course applies the basics of engineering as an iterative, collaborative process. Students will be guided through the process of researching, developing and implementing a project that impacts their community. Projects will incorporate 3D modeling using CAD software and advanced fabrication techniques including the use of CNC machines when appropriate.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Engineering

## Robotics and Automation

This project based course investigates the fundamentals of robot design, construction and programming. The class will cover construction techniques, various motion systems, basic electronics, programming and sensor based control systems. Students will produce a robot to accomplish specific goals outlined at the beginning of the trimester. Students will have the opportunity to compete in the FIRST Tech Challenge competition. This class can be taken more than once and students will have the opportunity to advance to more technical and complex systems as their robotic skills progress.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Engineering Design and Problem Solving (“ROVER”)

This is a fast paced college-level engineering course intended to stimulate student’s ingenuity, intellectual talents and practical skills in devising solutions to unique real problems. Students in this class will design and fabricate a two person collapsible “rover” for entrance in the NASA Human Powered Exploration Rover Challenge hosted in April at the Marshall Space Flight Center in Huntsville, Alabama. This course requires students to be highly motivated and to possess the skills necessary to safely and proficiently operate hand and power tools as well as shop machinery independently. While students receive class credit, rover is an academic team and students should expect to commit time outside of class during the week and on the weekends in the Design Den working on and testing the “rover.” Though a second trimester class, design and prototyping work begins after school during the first trimester and continues into the third trimester as the team prepares for the April competition. Students should be willing to commit to four days of travel to the weekend competition.

**Classification:** Elective

**Credit:** 1

**Prerequisites:** Instructor approval required. Recommended coursework: Introduction to Engineering or Robotics and Automation, engineering or robotics competition experience preferred

## Unmanned Aerial Vehicles: Operation and Application (Drones)

The purpose of this course is to teach students to fly drones in a safe and responsible manner as well as the basics of aerial photography/videography. Students will learn UAV flight mechanics and procedures for safe, ethical, and legal operation. The course will also explore the practical application of drones as well as the influence on society. Students in grades 9-11 may petition for a maximum of .33 arts crossover credit for any one of the following: 3D Modeling & Animation II, 3D Modeling & Animation III, CAD/CAM, Advanced CAD/CAM, or Unmanned Aerial Vehicles (Drones).

**Classification:** Elective

**Credit:** .33

**Prerequisites:** sophomore, junior, or senior standing, CAD/CAM, Engineering, Robotics, or Rover, and instructor approval

## ARTS (DANCE)

### Dance for Athletes

This course is for athletes who want to enhance and refine their athletic performance through techniques and training in dance. No dance experience is required. Agility, flexibility, footwork, balance and endurance are all specifically addressed in this beginner course. A student taking this will improve upon his or her ability to perform on the athletic field. Students will be expected to wear loose fitting athletic wear. This course does not require a public performance. This class may only be taken twice. If arts credits are fulfilled, this course may count as an athletic credit.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Dance I: Foundations in Technique

In Dance I, students will become acquainted with basic techniques in ballet, modern, and jazz, as well as dance history. Gaining movement skills and finding confidence and enjoyment through movement are a focus of this class. There will be at least one required performance during the trimester course. If arts credits are fulfilled, this course may count as an athletic credit.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Dance II: Modern and Improvisation

Dance II is designed to introduce and further the understanding, knowledge, and terminology of the various dance techniques at a beginning/intermediate level. Students will begin and continue to develop strength, control, and flexibility with an emphasis on movement efficiency and proper body alignment. Students will begin to increase a mastery of ballet, modern and jazz movement vocabulary at the barre, in axial movements, and in adagio movements. Students will also begin to focus on improvisation techniques along with performance quality with an emphasis on musicality. This class will have a required performance opportunity each trimester. This class may be taken multiple times with instructor approval. If arts credits are fulfilled, this course may count as an athletic credit.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Dance I: Foundations in Technique

### Dance III: Composition and Performance

Dance III is designed to build on the skills of Dance I. Students will further their understanding, knowledge, and terminology of the various dance techniques at an intermediate/advanced level. Students will further develop strength, control, and flexibility with an emphasis on movement efficiency and proper body alignment. If arts credits are fulfilled, this course may count as an athletic credit. Students will continue to increase their mastery of ballet, modern and jazz movement vocabulary at the barre, in axial movements, in adagio, and in petit and grand allegro combinations. Students will also work on composition, increased movement propensity, performance clarity with an emphasis on musicality.

This class will have a required performance opportunity each trimester. This class may be taken multiple times with instructor approval. If arts credits are fulfilled, this course may count as an athletic credit.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Dance II: Modern and Improvisation

### **Dance Company**

Parish Dance Company is a repertoire-oriented performance ensemble. Members focus on perfecting more difficult movement combinations in each discipline of dance. Mastery of performance is emphasized at this level. Parish Dance Company is designed for students who are serious about dance and are willing to work and perform for any outside performances and/or special events. This class is also designed to nurture the student's talent and provide a new venue for performance. The students will continue to work on all various techniques of dance. Composition classes, dance improvisation classes, and methods of teaching will aid them as they begin the process of creating their own choreographic work that may be considered for a public dance performance. The student will gain experience in approaching rehearsal and performance in a professional manner, including: learning and retaining various choreographic material, learning and practicing proper rehearsal demeanor and effort, learning and becoming proficient in performance skills, and following appropriate performance etiquette. If arts credits are fulfilled, this course may count as an athletic credit.

**Classification:** Elective

**Credit:** 1

**Prerequisite:** Auditions in the Spring

### **Rosettes (Drill Team)**

Rosettes is an audition based Drill Team for students of the Upper School. Students will train and prepare for performances such as football games, basketball games, pep rallies, competitions, and headline their annual "Rosettes Review" show. In addition, students have the opportunity to travel and perform at both local and non-local events. The objective and purpose of Drill Team is to create school spirit, pride and loyalty through various performances and also to develop responsibility, teach self-respect and encourage honest effort while developing character by striving for excellence. Rosettes enhance physical fitness development and fosters teamwork through quality performance.

**Classification:** Elective

**Credit:** 1 credit of Fine Arts or Athletics

**Prerequisite:** Auditions in the Spring

## ARTS (MUSIC)

### Guitar

Guitar is the group study and application of music to fretted instruments, especially the classical, acoustic and electric guitars. Students will learn to read tablature, will study scales, chords and chord progressions, chromatics, rhythm concepts (tempo, steady beat), and articulation. Students will play both in ensemble and solo projects of their choosing. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Music Technology

Music Technology is the study and application of digital tools found in music production and recording. Through project-based learning and consideration for student voice and choice, students will learn to analyze music performances (Essential Standards, et al.), record voices and instruments, and edit and mix the sound to the benefit of both the performer and listener. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Music Theory

Music Theory is the study and application of music notation, scales and modes, chords and chord progressions, chromatics and non-chord tones, modulation, rhythm and pitch duration (tempo, steady beat), dynamics, articulation, and classical form. Concomitant to the above will be exposure to the keyboard to give all concepts a practical application.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Piano

The piano course incorporates basic music theory as applicable to performance of piano literature, classical and popular. Each student sets appropriate short-term and end-of-trimester goals with the instructor including an in-class performance. Student input into music selected for study is an integral part of this course. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Vocal Music: Technique and Performance

This course is an elective open to any student who wants to read, learn, and perform solo and group repertoire to improve personal vocal technique. Student input into music selected for rehearsal and performance is an integral component of this course. No audition is required, and there is no prerequisite. Expectations include active participation in rehearsals and attendance at all performances. This course may be taken multiple times.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## AP Music Theory\*\*

AP Music Theory is a full-year course that prepares students to perform successfully on the Advanced Placement Music Theory Examination. AP Music Theory is not a music appreciation course. The goal of the course is to provide students skills for fluent sight-reading, composition and analysis of harmony and rhythm. The course begins with an introduction to the basic elements of music, and proceeds through the rules of composition in the Baroque, Classical and Romantic eras. This course is offered in alternating years.

**Classification:** Core

**Credit:** 1

**Prerequisite:** Music Theory and/or teacher approval

## Drumline

The Parish Drumline is an auditioned ensemble for members of the Middle and Upper School that meets after school. Members will learn the foundations of modern marching arts, musicianship, and rehearsal techniques. As a performing ensemble, the group will perform at a variety of venues and events throughout the school year, including athletic events and the Spring Showcase. Prior musical experience is not required but is heavily encouraged, and students are expected to give ample time for rehearsal, performance, and individual practice.

**Classification:** Elective

**Credit:** 1 of Fine Arts or Athletics

**Prerequisite:** Auditions in the Spring

## Jazz Band

Jazz Band is offered during the zero-hour time slot (from 7:00 a.m.-7:45 a.m.). Emphasis is placed on performance to continue developing basic musicianship skills such as tone quality, rhythmic accuracy, sight reading, and playing in an ensemble. Additionally, the ensemble performs a variety of genres which includes rock, funk, Latin, big band, and blues. Students also learn the basics of jazz improvisation and how to read chord changes.

**Classification:** Elective

**Credit:** 1

**Prerequisite:** Auditions in the Spring

## Performance Music Ensemble (Essential Standards)

Performance Music Ensemble, known as Essential Standards, is a trimester course open to students who wants to read, learn, and perform popular music in an ensemble. This graded course meets during the zero-hour time slot (7:00 a.m. – 7:45 a.m.). Student input into music selected for performance is an integral component for this ensemble. Expectations include active participation in rehearsals and attendance at all performances.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Auditions in the Spring

## ARTS (THEATRE)

### Acting I: Technique and Scene Study

In this course, students will explore acting as an art form and will be introduced to the different philosophies of acting. Through exercises, scene study, improv and performing they will learn tools which will allow them to find their own voice as an actor. The actors will study a work chosen by the class and the course will culminate in production of one or more of the One Act festival plays. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Acting II: Monologues, Movement and Voice

This is an advanced course in acting. Students will engage in psychological character and monologue work and research material to broaden their scope of knowledge. They will learn monologues from different genres and styles culminating in public performance. They will gain command of classical and contemporary monologues toward the goal of presenting them for collegiate auditions. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .67

**Prerequisite:** Acting I: Technique and Scene Study

## **Technical Theatre I: Practical Construction**

Students in Technical theatre will learn how to use power tools and take a scenic design from the page and turn it into a fully realized set which will be used for one of our Parish productions. They will learn about lighting and sound and the operation of the boards. They may have an opportunity to be part of the actual set design of one of our productions, and can participate in the running crew on the shows being mounted at Parish. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## **Technical Theatre II: Design and Implementation**

In this course, students will create a design for one of the Parish productions. They will review the elements of technical theatre and the use of power tools, and augment the Tech Theatre I class as needed. They will take part in the design of one of the productions in the area of lighting, sound or scenic design and create a scale model of their design and technical drawings. The designs from this class will be submitted to the Schmidt and Jones awards. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Technical Theatre I: Practical Construction

## ARTS (VISUAL ART)

### Art in the City (The Academy Exclusive)

This is like no art history course you've ever experienced, leading you to explore the city around you and uncover the past and the present through the creative work that decorates our neighborhoods. Students will study official public art pieces such as memorials and murals alongside unsanctioned street art and ephemeral site specific installations. Assignments will lead you on adventures through your city to bring back insights and thoughts that will drive class discussions.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Ceramics I: Methods and Materials

In Ceramics I, students learn a concrete way to develop their creativity as they choose functional vessels, decorative pieces, and sculptural work. Course work includes an online portfolio, project ideation (drawing and planning), project assembly, glazing, vocabulary quizzes, self-evaluations, and group critiques. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Ceramics II: Handbuilding and Wheel

In Ceramics II, students will continue higher levels of handbuilding techniques or try different technique paths. The student will continue to develop their creative process and find more complete and sophisticated ways to approach their work. Course work includes adding to their online portfolio, project ideation (drawing and planning), project assembly, glazing, vocabulary quizzes, self-evaluations, and group critiques. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Ceramics I: Materials and Methods

### Drawing and Painting I: Methods and Materials

This course focuses on the elements and principles of design through drawing and painting. Its purpose is to help students develop the technical and perceptual skills they need in order to explore individual ideas and meaningful personal expression, as well as prepare them for advanced classes in drawing and painting. Drawing assignments are fundamental and are aimed at teaching students to process visual information as an artist does, through exercises in sighting, perspective, and modeling form. Creative problem solving is at the heart of all studio work. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Drawing and Painting II: Visual Concepts

In this course, students are presented more advanced problems in drawing with emphasis placed on drawing from life and composition. Students use gesture and contour lines in quick and sustained studies and work with a variety of media. Building upon the foundation of design principles introduced in Drawing and Painting I, they continue to explore visual concepts and solve design problems. In-process critiques, art history and art appreciation help students learn to evaluate their own work and that of others. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Drawing and Painting I: Methods and Materials

## Filmmaking I: Foundations of Film

Filmmaking I explores the history of filmmaking from its origins to today's modern special effect films. Students will learn about making motion pictures from the ground up and will have hands-on opportunities to create shots and special effects.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Filmmaking II: Script to Screen

In this course students will create a short film of their own. They will study screenwriting and storyboarding and develop a script which they will then film and edit for presentation at venues such as the ISAS Fine Arts Festival and the Dallas Film Festival. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .67

**Prerequisite:** Filmmaking I: Foundations of Film

## Filmmaking III: Advanced Production

In this course, students will refine their creative voice and learn who they are as filmmakers. They will create several short films for review and evaluation focusing on different aspects of filmmaking. They will choose one or more of these films to submit to festivals, including presentation at the ISAS Arts showcase, and submission to the Dallas International Film Festival, South by Southwest, and other festivals where available. This course may be taken multiple times with instructor approval. This course is offered in alternating years.

**Classification:** Elective

**Credit:** .67

**Prerequisites:** Filmmaking I: Foundations of Film and Filmmaking II: Script to Screen

## Graphic Design

This course explores the use of the design process, visual communication, and collaboration. Students learn the fundamentals of visual communication, problem solving through the design process, and collaborate with clients and classmates to tackle real-world design challenges.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Photography I: Technique and Composition

Photography I is an introductory course where students develop a basic knowledge of photographic design, composition, critique and display. Students use digital cameras and edit photographs in Adobe Lightroom and Photoshop. Students will learn functions of the camera and generate strong black and white images that portray growth through technical skill and student voice and choice. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## Photography II: Editing and Exploration

A sequence course to Photography I, students continue to develop their knowledge of photographic design, composition, critique and display in Photography II. Students work within Adobe Lightroom and Adobe Photoshop to edit and generate digital images. Students will expand their camera and technical understanding. Students will also participate in reflective personal and peer critiques, and develop an ongoing online portfolio. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Photography I: Technique and Composition

## Photography III: Studio and Field

Photography III, an intermediate photography course, is designed to support an advanced knowledge of photography in both the studio and the field. Topics of assignments may vary but will be designed according to the ability of the students enrolled and dependent primarily on student voice and choice with input from instructor's selections. Students will regularly participate in gallery shows, peer critiques, self-reflection, and research. Access to a DSLR camera is highly recommended for this course. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Photography I: Technique and Composition and Photography II: Editing and Exploration or permission of instructor

## Printmaking I: Methods and Materials

In this studio course, students are introduced to several traditional and alternative printmaking techniques including relief, silk screen, intaglio, and monotypes focusing on the elements and principles of design. Students work toward the expression of individual ideas and personal style in their own original prints as they develop technical and perceptual skills. Printmaking assignments are fundamental and are aimed at teaching students to process visual information as an artist does through creative problem solving. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## **Printmaking II: Visual Concepts**

In this studio course, students study advanced printmaking techniques including relief, intaglio, silk screen, and monotypes. Students work toward the expression of individual ideas and personal style in their own original prints as they explore the work of some major artists. Building upon the foundation of design principles introduced in Printmaking I, they continue to explore visual concepts and solve design problems. In-process critiques, art history and art appreciation help students learn to evaluate their own work and that of others. This class may be taken multiple times with instructor approval.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Printmaking I: Methods and Materials

## **Yearbook**

Yearbook is a photojournalism course in which each student plays a vital role in the design, structure, development, and publication of the school's yearbook. Students learn to use graphic design software, to research and interview, to write captions, copy and headlines in journalistic style, and to take and edit photographs. While producing the yearbook, students develop or improve skills—communication, leadership, problem-solving, planning, organizing, meeting deadlines, and working well independently and with a team—that will benefit them throughout their life. Work outside class and beyond the school day is required. Leadership opportunities are available through an editor role. Students may apply for an editor position beginning sophomore year. This course may be taken multiple times.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

## **Advanced 2-D Art and Design**

### **Advanced 3-D Art and Design**

In this advanced visual art course projects are more open-ended and conceptual, providing students an opportunity to focus on creating their own artistic voice and a cohesive body of work. Coursework extends across a full calendar year starting with summer projects. An essential element of the course is creating gallery-ready work and the experience of installing these pieces in shows starting with the Summer Works exhibition in early Fall and in Selected Works exhibits each trimester. Also emphasized is the cultivation of the studio community through formal and informal critiques. This course is time intensive and requires personal initiative, time management, and commitment to developing and stretching skills, knowledge and understanding. Students with experience in all 2D and 3D media are encouraged to enroll and should have taken at least three other visual arts courses to accumulate the skills and understanding needed to be successful in the course. Students who plan to take AP Art and Design are required to take Advanced Art and Design during the previous year. This class may be taken multiple times with instructor approval.

**Classification:** Core

**Credit:** 1

**Prerequisites:** At least three trimesters of visual art and art faculty approval. In exceptional cases, students may be admitted through interview and portfolio examination.

## **AP 2-D Art and Design**

### **AP 3-D Art and Design**

AP Art and Design is a continuation of the Advanced Art and Design course where students will hone their skills, artistic voice, and conceptual process in a variety of media. Students will complete their portfolio which includes 15 pieces of art and process documentation that demonstrate sustained investigation through practice, experimentation, and revision. An essential element of the course is creating gallery-ready work and the experience of installing these pieces in shows starting with the Summer Works exhibition in early Fall and in Selected Works exhibits each trimester. Additionally, each student's entire portfolio will be showcased in the student-run AP Show. Also emphasized is the cultivation of the studio community through formal and informal critiques. This course is time intensive and requires personal initiative, time management and commitment to developing and stretching skills, knowledge and understanding.

**Classification:** Core

**Credit:** 1

**Prerequisites:** At least three trimesters of visual art, Advanced Art and Design and visual art faculty approval. In exceptional cases, students may be admitted through interview and portfolio examination.

## ATHLETICS

### Athletic Manager

This is a great way to fulfill athletic credit and be part of an athletic team. Managers assist the team with responsibilities that are determined by the Head Coach. Typical responsibilities are keeping statistics, recording video of practices and/or games, running the clock/timers during practice, assisting with drills, helping with equipment and uniforms, and traveling to away games. Attendance is mandatory at practice and games. This will include after school and occasional weekends. Coaches report successful completion of managerial duties to the Assistant to the Athletic Department at the culmination of the season.

**Credit:** .33

**Prerequisite:** None

### Sports Medicine

This course discusses the various aspects of sports medicine and what it takes to keep athletes safe and on the field. Students will learn about athletic training, different types of injuries, athlete safety, concussions, nutrition, and more. There may be opportunities for on field observations during the course.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

### Fitness Tracking (The Academy Exclusive)

This course teaches the foundations of data management and statistics while introducing students to the basics of physical fitness and training. In this course, students will partner with a fitness specialist to develop a manageable and goal-oriented personal exercise routine that is informed by best practices in healthy habits, endurance-training, and strength-building. In addition to this exercise plan, students will partner with one of our statistics teachers to learn the basics of gathering clean, consistent data on their fitness progress and physical health over the duration of the summer. Students will also learn and develop their skills in analyzing, evaluating, and presenting that data. The course is structured through the duration of the summer with frequent in-person sessions in early June to gather initial data points, develop an exercise routine, and practice data collection and management. Students will continue to track their progress through the summer with periodic check-ins, culminating in a final week of data review and presentation. This course teaches the foundations of data management and statistics while introducing students to the basics of physical fitness and training.

**Classification:** Elective

**Credit:** .33

**Prerequisite:** None

BOYS			GIRLS		
FALL	WINTER	SPRING	FALL	WINTER	SPRING
Football	Basketball	Baseball	Field Hockey	Basketball	Softball
Cheerleading*	Cheerleading*	Golf	Cheerleading*	Cheerleading*	Golf
Cross Country	Soccer	Lacrosse	Cross Country	Soccer	Lacrosse
	Swimming	Tennis	Volleyball	Swimming	Tennis
		Track & Field			Track & Field

*\*Except for participation in a winter sport, cheerleading requires a commitment of the fall and winter trimesters.*

## RELIGIOUS STUDIES

### Hebrew Bible (The Academy Exclusive)

This course will guide students in becoming more familiar with reading the ancient texts in Hebrew Bible and welcome them to explore some of their own interests in the Bible as a living cultural conversation. To meet the religious studies graduation requirement, either Hebrew Bible or New Testament History and Literature must be completed in addition to World Religions and Contemporary Religious Issues during a student's tenure in Upper School.

**Grade Level:** 10

**Classification:** Required elective (unless taking New Testament History and Literature)

**Credit:** .33

### New Testament History and Literature

New Testament History & Literature reads the narratives about Jesus of Nazareth in the Gospels, as well as the religious and theological statements in the Pauline, Johannine, and Petrine epistles, in order to understand the events and beliefs that constituted early Christianity. These are occasionally compared with later developments. All of these topics are approached in a non-devotional manner, i.e. the course is not concerned with the truth or falsity of the claims made by the early-Christian writers, but rather with the meaning(s) of those claims. To meet the religious studies graduation requirement, either Hebrew Bible or New Testament History and Literature must be completed in addition to World Religions and Contemporary Religious Issues during a student's tenure in Upper School.

**Grade Level:** 10

**Classification:** Required elective (unless taking Hebrew Bible)

**Credit:** .33

## World Religions

World Religions is a comparative study of Islam, Hinduism, and Buddhism. The central theme of the course is that, despite their significant differences, these religions share a basic conception of the divinity and of humanity, namely, that God—whether Allah, Brahman, or the Dharmakaya of Buddha—is the one infinite source of everything: absolute, transcendent, eternal, and uncaused; and that human beings are finite replicas of the divine reality. Of special importance are the related ideas of God as perfect love and of humans—in their interpersonal relationships—as reflections of that love.

The principal goals of World Religions are for students to develop a deeper understanding of both their own religion and those of their neighbors, and for them to come to appreciate how much the different religions have in common.

**Grade Level:** 11

**Classification:** Required elective

**Credit:** .33

**Prerequisite:** None

## Contemporary Religious Issues

Contemporary Religious Issues (CRI): Religion and Technology takes a critical look at recent and emerging technologies from a generic religious perspective, namely, the view that human beings, as the likeness of God, are meant to be in loving relationship with each other. The course begins with a detailed exposition of the three aspects of love—romantic (eros), filial (storge), and friendly (philia)—and then proceeds to examine and evaluate various technological developments in the light of these aspects. Specifically, students are asked to consider whether (1) human enhancement technologies (genetic engineering, bionic prosthetics, psychotropic drugs), (2) automation technologies (robotics, artificial intelligence), and (3) technologies that mediate or replace human relationships (social media, smart devices, virtual and augmented reality, artificially intelligent companions) threaten our ability to enter into, strengthen, and preserve loving relationships.

The principal goals of Contemporary Religious Issues are for students to learn to judge technology according to an ethical standard, in this case, a religious ethical standard, and for them to begin to think about the potentially dangerous changes that new technologies will bring about in their lifetimes.

**Grade Level:** 12

**Classification:** Required elective

**Credit:** .33

**Prerequisite:** None

## SIGNATURE PROGRAMS

### Academy of Global Studies



#### AGS I

This trimester course serves as a basic introduction to the Academy of Global Studies. The core goal of the course is to enhance student understanding of the major issues, conflicts, and debates in the world today. By selecting the Global Studies track, students have selected a more rigorous academic path that seeks to make them a more impactful global citizen capable of engaging the major issues that interconnect the world today. Whether the interest of the student lies in science, math, history, or communication, this course seeks to expose them to the most cutting edge scholarship in the areas of Global Studies and its associated research.

**Grade Level:** 9

**Classification:** Required elective for AGS

**Credit:** .33

**Prerequisites:** Application and exam

#### AGS II

This trimester course teaches AGS sophomores the preliminary research and writing skills needed to further their capstone project. The aim of the course is to show students how to prepare an annotated bibliography of at least 20 sources and complete a detailed outline of the capstone argument that includes a clear and concise thesis statement. Finished bibliographies and outlines will demonstrate a thorough knowledge of the self-selected critical global issue and will assist the

student in the completion of their capstone in their junior year AGS course.

**Grade Level:** 10

**Classification:** Required elective for AGS

**Credit:** .33

**Prerequisites:** Membership in program and AGS I

#### AGS III

This trimester course teaches AGS juniors how to transform their capstone topic research, notes, information, outline, and thesis statement into a carefully written capstone. The central goal of the course is to write an AGS capstone paper of personal interpretation and factual information taken from reliable sources. Drafts are written and critiqued until a capstone reflects the strength of the AGS student's research and knowledge of their global topic written in a logical argument of correctly cited sources and references.

**Grade Level:** 11

**Classification:** Required

**Credit:** .33

**Prerequisites:** Membership in program and AGS II

#### AGS IV

This trimester course provides AGS seniors with the opportunity to construct a creative artifact to accompany their completed capstone paper. By developing a webpage that artfully communicates their research, students will communicate their globally relevant message with a broader community to raise awareness, change public attitudes, and motivate action to combat global issues.

**Grade Level:** 12

**Classification:** Required

**Credit:** .33

**Prerequisites:** Membership in program and AGS III

## Leadership Institute



### Learning to Lead (*\*second trimester only\**)

Learning to Lead is a one trimester elective serving as the introductory course in the Leadership Institute. Students concentrate on learning about and understanding themselves and others through personality analysis and intentional introspection. They take the Strengthsfinders assessment and have one follow-up session to learn how to exploit their "top 5 talents" and develop them into strengths. Cohorts collaborate to execute a whole group Lead project using design thinking to solve a real-world problem. This allows students to experience the Lead project process as a group prior to embarking on their individual project journeys during their junior year. In addition, students are assigned a professional mentor to help guide them throughout their time in the Institute.

**Grade Level:** 10

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Membership in Leadership Institute

### Lead by Design (*\*first trimester only\**)

Lead by Design is the junior year course for the Leadership Institute. Students continue to investigate their personal values and to learn about their Strengthsfinders talents during multiple follow-up sessions and ultimately articulate this through a personal manifesto. As the course progresses, students identify an issue they are passionate about and perform secondary and

primary research to focus in on a specific need within their issue area. Using design thinking, empathetic interviews, and the guidance of their mentors, students prepare a comprehensive proposal for a long-term project that offers an impactful solution that can be implemented locally. From conception to completion, students are tasked with executing their vision and measuring their impact. They present their project results to the community at the end of their senior year during the Leadership Institute & Academy of Global Studies Exposition.

**Grade Level:** 11

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Membership in Leadership Institute

### Ethics and Psychology of Leadership

(*\*first trimester only\**)

In this one trimester course, students investigate psychological principles that have practical implications and applications for everyday leadership. Course content will be delivered via video lectures, out-of class readings, and in-class discussions. The goal is to develop an understanding of some of the underlying mechanisms governing our own behavior and the behaviors of others and to think about using these understandings to solve problems faced by leaders. Besides offering support toward completion of the Lead Project, topics covered include: self-control, labor and motivation, persuasion, emotion and decision making, and ethics and morality. Students will take a series of short quizzes, design an experiment, and develop their own question to investigate in a short paper.

**Grade Level:** 12

**Classification:** Elective

**Credit:** .33

**Prerequisite:** Membership in Leadership Institute

## ParishBridge



ParishBridge provides an opportunity for students to design personalized learning experiences and nurture individual passions. Students create a third trimester curriculum that incorporates interdisciplinary learning and real world application, resulting in a culminating high school experience that prepares them for life beyond graduation. Like the Academy of Global Studies and the Leadership Institute, ParishBridge engages students in independent thinking and problem solving, directs students to explore areas of passion, builds students' networking and communication skills, and develops confident, self-reliant individuals who take ownership of their own learning.

ParishBridge preparation and planning begins during the first two trimesters, with the program running during the last five weeks of senior year. The program consists of three components: professional experience, academic coursework, and life-ready seminars. ParishBridge concludes with the ParishBridge Expo, where seniors present their experiences to the Upper School community.

Successful completion of all components of ParishBridge is required for graduation. Students are required to complete ParishBridge to receive a diploma and have final transcripts mailed to colleges and universities.

**Grade Level:** 12

## The Academy



The Academy is a platform for blended learning that engages students in collaborative learning environments in order to inspire globally-minded students to consider and create in meaningful ways. The Academy students practice their abilities to think critically, communicate effectively, and collaborate purposefully through courses that include a combination of online work and in-person classes. Students are able to complete coursework asynchronously while planning around scheduled face-to-face meetings with their teacher and other students at Parish's Midway Campus.

The Academy courses are for credit and so they maintain the demands and rigor of our in-person, school year courses, but at a concentrated pace. Students should plan to spend five to seven hours per week online to complete each course. This is above and beyond the scheduled classroom time for in-person sessions, which vary from course to course.

**Grade Level:** 9 - 12