



2010-2011
Course Catalog

Mission Statement

The mission of Parish Episcopal School is to provide an enriching and challenging educational experience within a Christian community of service and worship.

Upper School

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 and Advanced Placement courses are available to qualified students upon faculty recommendation and may require significant extra effort and preparation outside of class.

Graduation Requirements

Students must satisfactorily complete at least 21.33 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. The specific departmental requirements and programs follow. One credit is a full-year course.

Subject

Minimum

English	4 credits
Mathematics	3 credits taken in US
World Language	3 credits in the same language*
History	3 credits (U.S. History, World History, Government/Economics OR AP U.S. History)
Science	3 credits (Physics, Chemistry, Biology)
Fine Arts	1 credit
Religious Studies	1 credit (World Religions, Bible and Western Culture, Contemporary Religious Issues)
Electives	2 credits
PE/Athletics	6 trimesters **
Health	.333 credit
Senior Project	Pass/Fail

60 hours of community service are required of all students before graduation (See Upper School Student handbook for details.)

*Successful completion of a Level I language taken in the eighth grade applies toward graduation if the student continues to study the same language in the Upper School. At least two additional credits must be earned in Upper School

** Credit may be earned for Parish Varsity and Junior Varsity athletics.

Minimum Recommended Upper School Curriculum for Texas Public Colleges and Universities

English	4 credits
Mathematics (must include successful completion of Algebra I, Geometry, Algebra II)	4 credits
Social Studies/History (must include Government and Economics, United States History Since Reconstruction, and World History)	4 credits
Science (AP Psychology and Psychology are not science credits)	4 credits
World Language	2 credits
Speech/Drama	.5 credit

<http://ritter.tea.state.tx.us/taa/comm070609b.doc>

Optimum Recommended Upper School Curriculum for Competitive College Admission

English	4 credits
Mathematics	4 credits
Social Studies/History	4 credits
Science (AP Psychology and Psychology are not science credits)	4 credits
World Language	4 credits

Advanced Placement courses are highly recommended for competitive colleges and universities.

It is the student's responsibility to verify the requirements for a particular college or university.

Appropriate Academic Challenge

The course selection process is designed so that each student is guided to select a program of study that provides an appropriate academic challenge. Most students carry 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. Classes meeting less than 45 minutes a day or 85 minutes every other day do not count as a "class" for the purposes of meeting minimum requirements.

Grade Nine: Five Core Classes and one elective each trimester (normally health is one of those choices) and PE or sport at least two of three trimesters.

Grade Ten: Five Core Classes and one elective each trimester (normally World Religions is one of those choices) and PE or sport at least two of three trimesters.

Grade Eleven: Five Core Classes and one elective each trimester (normally Bible and Western Culture is one of those choices). PE or sport if requirement has not been met.

Grade Twelve: Five classes, four of which must be in core disciplines. Normally Contemporary Religious Issues is an elective that counts as the fifth course for one trimester. PE or sport if requirement has not been met.

Class Schedules

Student schedules are designed from student-generated course requests which must be approved by the advisor, parent(s), and Head of Upper School or Assistant Head of Upper School for Academics.

Drop/Add Policy

During the first trimester a student may add a course only during the first week of that course, with the approval of the Head of Upper School or Assistant Head of Upper School for Academics.

When a student considers dropping a course, he/she must consult with his/her advisor, instructor, and parents. In the case of juniors and seniors, the College Counselor must also be consulted. Any course change initiated after the college application process begins will be reported to colleges to which the student has applied. To drop a course, the student must obtain a Drop/Add Form from the Upper School Office. All signatures must be obtained before submitting the request to the Head of Upper School or the Assistant Head of Upper School for Academics.

Students may request to drop a trimester-length course without penalty during the first half of each trimester if the Master Schedule allows for such changes. If the withdrawal occurs before the mid-trimester, participation in the course will not be recorded on the student's transcript. After mid-term the withdrawal will be noted on the transcript as Withdrawal/Pass (WP) or Withdrawal/Fail (WF).

A student may request to drop a year course at any time, providing that the drop does not result in a load of fewer than five core courses plus one elective. Core courses must be chosen from the fields of: English, Mathematics, History, Science, World Languages, or an AP course in another discipline (ex. art, music, computer).

An incomplete full year course will not count toward graduation requirements.

Grade Reports

The academic year is divided into three trimesters. Trimester examinations are given at the end of the first and third trimesters. Grade Reports are issued at the close of each trimester and a progress report is issued in the middle of each trimester. Additional information is provided by the teacher's comments during trimesters one and three.

Academic Honors

Academic Honors are announced at the end of each trimester. Honor cards for High Honors and for Honors are mailed home. To qualify for the Honor Roll, a student must receive a grade point average of 3.3 or higher with no grade of D+ or lower. High Honors recognition is given for a grade point average of 3.7 or higher with no grade of D+ or lower.

English

- 110 English I
- 120 English II
- 121 English II Honors
- 130 English III
- 161 AP Language & Composition
- 162 AP Literature & Composition

SENIOR ENGLISH: Trimester courses

- 142 Modern American Literature
- 143 The Literature of War
- 144 Literature of Science Fiction
- 145 Romantic Literature
- 146 Women Writers
- 147 Satire and Humor in Literature

Mathematics

- 309 Algebra I E (Extended Algebra I) **N**
- 310 Algebra I
- 315 Geometry
- 316 Geometry Honors
- 325 Algebra II
- 326 Algebra II Honors
- 330 Precalculus
- 331 Precalculus Honors
- 340 Advanced Algebra with Trigonometry
- 345 Introduction to Calculus with Statistics **N**
- 360 AP Calculus AB
- 361 AP Calculus BC
- 365 AP Statistics

Science

- 410 Physics
- 411 Physics Honors
- 420 Chemistry
- 421 Chemistry Honors
- 430 Biology
- 431 Biology Honors
- 441 Environmental Science: Ecology and Population Dynamics ^{Tri1} **N**
- 442 Environmental Science: Water and Atmospheric Issues ^{Tri2} **N**
- 443 Environmental Science: Resources, Energy, Politics and Economics ^{Tri3} **N**
- 447 Anatomy & Physiology **N**
- 450 Introduction to Engineering ^{Tri} **N**
- 451 Advanced Engineering Design ^{Tri} **N**
- 461 AP Biology
- 464 AP Chemistry
- 465 AP Physics

World Language

- 510 Latin I
- 511 Latin II
- 512 Latin III
- 513 Latin III Honors
- 518 AP Latin **N**
- 521 Spanish I
- 522 Spanish II
- 523 Spanish III
- 524 Spanish III Honors
- 525 Spanish IV
- 526 Spanish IV Honors
- 527 Spanish V
- 528 AP Spanish Language
- 541 French I
- 542 French II
- 543 French III
- 544 French III Honors
- 545 French IV
- 546 French IV Honors
- 548 AP French Language

History

- 210 U. S. History
- 220 World History
- 221 World History Honors
- 230 Government & Economics
- 231S Economics **N** (Summer Only)
- 241 Philosophy: History ^{Tri1}
- 242 Philosophy: Revolutions ^{Tri2}
- 243 Philosophy: Geo-Politics ^{Tri3}
- 244 Power and Controversy in Judean Politics ^{Tri}
- 245 Popular Music and American Society from the 1920's to Present ^{Tri}
- 262 AP US History
- 264 AP European History

Religious Studies

Trimester Courses:

- 605 World Religions
- 610 Bible and Western Culture
- 620 Contemporary Religious Issues

Tri = Trimester Course

N = New Course

Electives

All electives are one trimester in length with the exception of the following: Portfolio Class, AP Studio Art, AP Music Theory, AP Computer Science, and AP Psychology, Yearbook and Crew (two trimesters).

- 630 Psychology: I
- 631 Psychology: II
- 632 Psychology: III
- 638 AP Psychology
- 640 Leadership for the 21st Century
- 645 Science & Religion in Dialogue
- 649 Senior Project **N**

Computer Science:

- 651 Python: Introduction to Programming **N**
- 652 Computer Applications: Microsoft Office, Google Applications and Open Source **N**
- 655 Computer Aided Design: Digital Modeling and Sculpting
- 656 Computer Aided Design: Architecture & Interior Design **N**
- 657 Computer Aided Design: Engineering Design **N**
- 658 Computer Aided Design: Digital Motion Graphics and Visual Effects **N**
- 659 Computer Aided Design: Digital Fashion Design **N**
- 662 Graphic Design: Art and Print Media
- 663 Graphic Design: Web Design
- 664 Graphic Design: Animation
- 667 AP Computer Science

English Electives:

- 670* Journalism I
 - 671* Journalism II
 - 675* Creative Writing I
 - 676* Creative Writing II
- *does not replace English course*

Math Electives:

- 678I* Intro to Problem Solving
- 678* Problem Solving
- 679* Advanced Problem Solving

**does not replace Math course*

Visual Arts:

- 704 Modern Art History
- 706 Ceramics & Sculpture I
- 707 Ceramics & Sculpture II
- 708 Ceramics & Sculpture III
- 715 Pottery Wheelthrowing
- 720 Studio Art I
- 721 Studio Art II
- 722 Studio Art III
- 725 Printmaking
- 730 Portfolio Class
- 735 AP Studio Art
- 740 Traditional Photography I
- 741 Advanced Traditional Photography
- 745 Digital Photography I
- 746 Advanced Digital Photography
- 749 Yearbook Photo-Journalism

Performing Arts:

- 750 Choir (Parish Singers)
- 751 Choir (Bel Canto)
- 752 Piano Lab
- 753 Instrumental Music
- 755 Survey of Music Theory
- 756 AP Music Theory
- 760 Speech
- 761 Advanced Speech
- 762 Advanced Speech (Debate)
- 765 Drama
- 766 Acting for Theatre and Film **N**
- 767 Directing for Theatre **N**
- 768 Design for Theatre **N**
- 769 Technical Theatre

- 770 Advanced Tech Theatre **N**
- 780 Introduction to Filmmaking
- 781 Filmmaking: Script to Screen **N**
- 795 Dance CREW (2 trimesters)
- 796 Beginners Tap
- 797 Choreography

Health

- 800 Health *Tri*

Physical Education

Trimester Courses:

- 801 Fitness for Life
- 802 Lifetime Activities
- 803 Team Sports
- 808 Alternative Athletic Program
- 813 Dance

Tri = Trimester Course

N = New Course

Athletics

- 810 Cheerleading (Fall)
- 811 Cheerleading (Winter)
- 825 Baseball
- 825M Baseball Manager
- 826 Softball
- 835 Football
- 835M Football Manager
- 840 Golf
- 840M Golf Manager
- 845 Student Trainers
- 850 Swimming
- 855 Tennis
- 855M Tennis Manager
- 860 Cross Country
- 865 Track
- 870 Men's Soccer
- 870M Men's Soccer
- 875 Women's Soccer
- 880 Men's Basketball
- 880M Men's Basketball
- 885 Women's Basketball
- 885M Women's Basketball
- 890 Women's Volleyball
- 890M Women's Volleyball

Parish Episcopal School reserves the right to withdraw a course offering due to insufficient enrollment or unexpected staff changes.

Core Course Descriptions

ENGLISH

Minimum of 4 credits for graduation

110 English I full year; 1 credit

English I is a program that incorporates all of the components of language arts: reading, writing, mechanics, usage, and vocabulary building. The study of literature is based primarily on a chronological development of American literature from the period of the Civil War to the modern era. Students will examine how the literature reflects the social, cultural, and global issues of the nineteenth, twentieth, and twenty-first centuries. The composition instruction integrates grammar, usage, and mechanics and emphasizes the four modes of writing: narration, description, exposition, and persuasion. The composition instruction will also include current formal research techniques and practices.

120 English II full year; 1 credit

In this course students will continue to refine the skills associated with the components of Language Arts: reading, writing, mechanics, usage, and vocabulary building. The literature will be based on a study of the classics of world literature from 2,000 B.C.E. to the present. The syllabus includes a study of literature from the ancient civilizations of Babylon and Greece, the literature from the Middle Ages, the Renaissance, the Romantic Era, and contemporary literature. Through careful reading, students will examine the rich literary heritage these works provide. Composition skills and grammar correctness are integrated into the study of the literature.
Prerequisite: Successful completion of English I

121 English II - Honors full year; 1 credit

English II – Honors is an English course for tenth grade students who have exceptional talents and motivation. 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.

Prerequisites: Successful completion of English I with a 90 average and English teacher recommendation

130 English III full year; 1 credit

English III students will continue to develop those skills that were either introduced or refined by the English II curriculum. Students will read extensively in multiple genres from British literature. Periods from British literature may include the Anglo-Saxon and Medieval periods, the Renaissance, the Neoclassical period, Romanticism, the Modern and Post-modern Eras, as well as contemporary British works. Occasionally pieces of world literature will be added according to theme. Students will study literary forms and terms associated with the selections being read and interpret the possible influences of the historical context on a literary work.

Prerequisite: Successful completion of English II

161 AP Language & Composition full year; 1 credit

Students in AP English III will read extensively in multiple genres beginning with British literature in the first trimester and ending with predominantly American expository literature in the third trimester. Occasionally pieces of world literature will be added according to theme. Periods read will include the

Anglo-Saxon and Medieval periods, the Renaissance, the Neoclassical period, Romanticism, the Modern and Post-modern Eras, as well as contemporary literature. Students will study the influences of historical context, rhetorical forms and terms, and analyze thematically related visual media associated with the selections being read. The AP course engages students in becoming skilled readers of literature written in a variety of styles in preparation for the AP English Language and Composition test. *Prerequisites: Successful completion of English II with a 90 average and English teacher recommendation*

142 Modern American Literature
one trimester; .333 credit

Modern American Literature is designed to make students aware of the rich literary heritage of the United States. During the course of the trimester, students will study the short stories, plays, poetry, and novels of some of the major writers of the last one hundred years. The class consists of tests, class discussions, prompted timed writings, reading quizzes, and essays.

162 AP Literature & Composition
full year; 1 credit

In this course students engage in the careful reading and critical analysis of literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. This course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. Students are provided an opportunity to earn advanced placement and/or college credit at participating universities by taking the AP English Literature and Composition test. *Prerequisites: Successful completion of English III or AP Language & Composition with a 90 average and English teacher recommendation*

143 The Literature of War
one trimester; .333 credit

The Literature of War is designed to make students aware of the literature that global conflicts have inspired. During the course of the trimester, students will study the short stories, plays, poetry, and novels of some of the major writers of the world. The class consists of tests, class discussions, prompted timed writings, reading quizzes, and essays. Students will begin the process of a research paper due in the third trimester.

144 Literature of Science Fiction
one trimester; .333 credit

This course is designed to explore the popular genre of science fiction. During the course of the trimester, students will study the short stories and novels of some of the major writers of this literary type. The class consists of tests, class discussions, reading quizzes, essays. Students will submit the research paper begun in second trimester.

SENIOR ENGLISH COURSES:

Each senior English course will be self-contained within a trimester. Each trimester course will emphasize literature, composition, vocabulary, and class discussion. Students begin a research paper during the second trimester and complete it during the third trimester. Students should list five of the courses in their order of preference. *Prerequisite: Successful completion of English III or AP Language & Composition*

145 Romantic Literature
one trimester; .333 credit

This course explores and examines the great love stories in literature, from the restrained Victorian writings of Emily Bronte and Jane Austen to the empowering and inspiring work of 20th century Zora Neale Hurston. Through novels, poetry and short stories, students will analyze and consider the meaning of love, how the ideals and definitions of

romance and marriage are shaped by culture, and how love is expressed in literature. The class consists of class discussions, Socratic seminars, essays, tests and projects.

146 Women Writers
one trimester; .333 credit

This course is designed for students interested in the female's search for identity and relevance in a historically patriarchal society. Students will discover and analyze the struggle women have encountered throughout the 20th century, following the movement away from the cult of domesticity through the women's liberation movement to the modern struggle of "having it all." Students will follow this progression by reading novels, short stories, poetry and essays by the great women writers of the 19th and 20th centuries. The class consists of discussions, Socratic seminars, prompted timed writings, essays tests. Students will begin the process of a research paper due in the third trimester.

147 Satire and Humor in Literature
one trimester; .333 credit

This course is designed to help students explore great literature that has served as either a satirical or comic force in the development of western thought. Students will read plays, novels, short stories, essays and poetry to discover what makes man laugh. The class consists of tests, discussions, prompted timed writings, reading quizzes, essays. Students will submit the research paper begun in the second trimester.

HISTORY
Minimum of 3 credits for graduation

210 U. S. History
full year; 1 credit

This course, which is a continuation of the study of U.S. History that began in Middle school, concentrates on the history of the United States from the period of Reconstruction to the present. The content focuses on the political, economic and social events and issues relating to this time period.

220 World History
full year; 1 credit

In this course, the interdisciplinary perspective of cultural, political, military, and economic history is used to analyze technological and cultural themes of the world from 1300 B.C.E. to the present. The focus is on improving student understanding of the world's development by studying different epochs that form the larger structure of world history as it is known. It is a story of the rise and fall of empires.

221 World History Honors
full year; 1 credit

Honors World History presents the interdisciplinary perspective of culture, politics, and technology, military as well as economic history to analyze intellectual themes of the world from 1300 B.C.E. to the present. The particular focus of this course improves student understanding of the world's development through careful essay writing and the learning of ancillary reasoning skills associated with skillful history reading and analysis.

Prerequisites: History Department Approval (Departmental approval by assessment such as: freshman history course grade, scholarly dedication, factors related to student academic success)

230 Government and Economics
full year; 1 credit

This course will focus on the principles and beliefs that are the foundations of the governmental system in the United States today on the national, state and local levels. Discussion of the origins of these principles and beliefs and how they have been applied through our history is an important part of this study. Students will analyze the importance of the individual citizen, political parties, interest groups and the media on the American political system. A close examination of the U.S. Constitution and the underlying principles of federalism, republicanism, separation of powers, checks and balances, popular sovereignty and individual rights allow the student to compare our system of government to those found in other countries. The economics portion of the course focuses on the basic principles concerning production, consumption, and distribution of goods and services in the United States and globally. Students examine the rights and responsibilities of consumers and businesses. Students analyze the interaction of supply, demand and price in a free market. The study of different economic systems will be analyzed. Microeconomics and Macroeconomics will be studied in detail. The Free Enterprise System is thoroughly studied, discussed and emphasized throughout the course.

231S Economics SUMMER ONLY
summer only; .5 credit

The economics portion of Parish's year-long Government and Economics course focuses on the basic principles concerning production, consumption, and distribution of goods and services in the United States and globally. Students examine the rights and responsibilities of consumers and businesses. Students analyze the interaction of supply, demand and price in a free market. The study of different economic systems will be analyzed. Microeconomics and Macroeconomics will be studied in detail. The Free Enterprise System is thoroughly studied, discussed, and emphasized throughout the course.

241 Philosophy: History
one trimester; .333 credit

In this course the study of philosophy will be examined from the viewpoint of a great conversation. Topics of human knowledge, wisdom, and self-understanding will challenge students to think philosophically. This course will draw inspiration from and explore the ideas of philosophers from the time of the pre-Socratic philosophers to Socrates and Plato, to the Roman Stoic Cicero, Medieval philosophers, to Descartes and other Moderns.

242 Philosophy: Revolutions
one trimester; .333 credit

In the Philosophy Revolutions Course, students begin by studying the revolution of scientific thinking initiated by Descartes' Meditation on First Philosophy that ushered in the scientific method of thinking. Students will then read Kant's short essay What is Enlightenment? and learn of the critical role Kant's notions of modern reason and freedom play in shaping our understanding of politics and world history today. The course is designed in two parts. Part One offers a combination of classic treatises such as Descartes and Kant for building a Western view of modernity to show how revolutionary is the idea of a world that is thought in terms of being "modern." Part Two of the course shows students how the idea of modernity was understood by Eastern European philosophers and why it was defined by the tradition of Marx and Lenin. Throughout, students study and consider both the critical role and unique factors that the Western and Eastern view of the modern world has offered and learn of the revolutionary nature that has shaped the course of the 19th and 20th century.

243 Philosophy: Modern Geo-Politics
one trimester; .333 credit

In this course, students will study theories and major ideas relating to and describing our modern historical epoch from a philosophical and intellectual history viewpoint with a global perspective intended. Students will learn of the ideas of modernism and postmodernism and how these descriptions of

our times play a critical role in the way our world is understood and explained. Insight into the modern and postmodern debate will offer students the opportunity to evaluate their own ideas and presuppositions.

244 Power and Controversy in Judean Politics
one trimester; .333 credit

This course examines the nature and extent of Jewish political autonomy while under Hellenistic and Roman Imperial influence. Students will explore the lives of influential and controversial leaders such as Maccabees and Herod the Great. They also will explore the roles of such institutions as the high priesthood, kingship, the Sanhedrin, Nasi, and the role of direct Roman rule during the time of Jesus. Students will investigate not only the causes of the rise and fall of certain notables and institutions but also the nature of cultural assimilation among Jews and how it at times led to religious and political instability in Judea up to the point of outbreak of war with Rome in 66 CE.

245 Pop Music and American Society from the 1920's to the Present Day
one trimester; .333 credit

The course focuses on the role of popular music in American History and its relevance to American society and culture from the 1920s to the present. Students critically discuss music genres such as the blues, jazz, country and western, big band, swing, folk, rhythm and blues, rock and roll, soul, funk, new wave, hip-hop and rap in a historical context. Students study the stylistic evolution of American Popular Music. A number of popular music themes are discussed such as mode of dissent, the influence of mass media and technology, the emergence of the music industry, as well as race, class and gender.

262 AP U. S. History
full year; 1 credit

In this Advanced Placement U.S. History course qualified students who wish to complete studies in high school equivalent to college introductory

courses study the U.S. history from the early 1600s to the present. The course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college course.

Prerequisites: History Department Approval (student grades in history courses, student attitude, determination, and other factors related to student academic success)

264 AP European History
full year; 1 credit

In this Advanced Placement European History course, students acquire knowledge of the basic events and movements that occurred in Europe during the time period from approximately 1450 to the present. These events and movements are explored through three themes: intellectual and cultural history, political and diplomatic history, and social and economic history. In addition, students learn how to analyze historical documents and how to express their historical understanding in writing.

Prerequisites: History Department Approval (Decision made on case by case basis)

MATHEMATICS

Minimum of 3 credits for graduation

309 Algebra I E (Extended Algebra I) **full year; 1 credit**

Students entering this course may need extra support to develop the concept of a variable and expressions involving a variable, mathematical operations involving integers, or using inverse operations in order to solve simple linear equations. In order to give students the extra supervised practice that they need to master these skills, this class will meet every day during the first trimester. Students will build upon these skills throughout the year as they study properties of exponents, polynomials and their factors, rational expressions, and probability. 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, or TI-84+ graphing calculator.

310 Algebra I **full year; 1 credit**

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 and 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, rational expressions, and probability. 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, or TI-84+ graphing calculator.

315 Geometry **full year; 1 credit**

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, inequalities, similarity, right triangles, circles, area, and volume. Students develop an understanding of proofs and 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, or TI-84+ graphing calculator.
Prerequisite: Successful completion of Algebra I

316 Geometry Honors **full year; 1 credit**

This course will include all of the topics covered in Geometry as well as the study of locus, and material will be presented at a faster pace and in greater depth than the regular course. Students are expected to have strong algebraic skills, to be proficient analytical thinkers, and to be able to work independently. Students will be exposed to more non-routine problems and will develop their problem solving skills. Students will use a TI-Nspire, or TI-84+ graphing calculator.
Prerequisite: Final grade of B+ or higher in Algebra I or departmental approval

325 Algebra II **full year; 1 credit**

Students in this course study linear, absolute value, quadratic, rational, exponential, logarithmic, and polynomial functions. Students will learn to express mathematical problems algebraically and to 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, or TI-84+ graphing calculator.

Prerequisite: Successful completion of Algebra I and Geometry (Note: Students with a final grade of less than C- in Algebra I will be required to do summer remediation before enrolling in Algebra II.)

326 Algebra II Honors
full year; 1 credit

This course will include all of the topics covered in Algebra II as well as sequences and series, and material will be presented at a faster pace and in greater depth than the regular course. Students in this course should have strong reasoning ability and should expect more non-routine problems as well as algebraic proof. Students will use a TI-Nspire, or TI-84+ graphing calculator.

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

330 Precalculus
full year; 1 credit

Students in this course will continue to refine their algebra skills and become more familiar with applications of the major function families: polynomial, rational, power, exponential, logistic, 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 parametric equations, polar coordinates, and sequences and series. Students will use a TI-Nspire, or TI-84+ graphing calculator to analyze data, investigate graphs, and develop mathematical models.

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

331 Precalculus Honors
full year; 1 credit

This course will include all of the topics covered in Precalculus as well as an introduction to topics in calculus, and material will be presented at a faster pace and in greater depth than the regular course. This course provides students with a 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, or TI-84+ graphing calculator to analyze data, investigate graphs, and develop mathematical models.

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

340 Algebra III (Advanced Algebra with Trig.)
full year; 1 credit

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 a TI-Nspire, or TI-84+ graphing calculator to analyze data, investigate graphs, and develop mathematical models.

Prerequisite: Final grade of C or higher in Algebra II

345 Introduction to Calculus with Statistics
full year; 1 credit

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 developed alongside 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 some topics that are not part of either AP curriculum, and would have the 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, or TI-84+ graphing calculator.

Prerequisite: Final grade of C or higher in Precalculus or departmental approval

360 AP Calculus AB
full year; 1 credit

AP Calculus AB covers differential and integral calculus of a single variable and is equivalent to the first semester of a college calculus course. Topics covered include derivatives and their applications, antiderivatives, definite integrals and their applications, 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, or TI-84+ graphing calculator.

Prerequisite: Final grade of B plus or higher in Precalculus or departmental approval

361 AP Calculus BC
full year; 1 credit

AP Calculus BC covers differential and integral calculus of a single variable and is equivalent to a year-long college calculus course. 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, or TI-84+ graphing calculator.

Prerequisite: Final grade of B plus or higher in Precalculus Honors or departmental approval

365 AP Statistics
full year; 1 credit

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 minimize computational procedures. Projects and cooperative group data analysis are an integral part of the course. Students will use a TI-Nspire, or TI-84+ graphing calculator.

Prerequisite: Final grade of B plus or higher in Precalculus or departmental approval

SCIENCE
Minimum of 3 credits for graduation

All science courses are lab-based.

410 Physics
full year; 1 credit

This course aims to develop an understanding and appreciation of fundamental physics concepts as they apply to everyday life. The course covers selected topics from Mechanics, Waves, Optics, Electricity, Magnetism and Modern Physics with a balance of qualitative reasoning and conceptual understanding with quantitative reasoning and problem solving.

411 Physics Honors
full year; 1 credit

Honors Physics is a laboratory based course with a more in-depth analysis of physical problems and laboratory experimental work. The course covers selected topics in mechanics, waves, optics, electricity, magnetism, and modern physics. Honors level students are expected to move at a slightly faster pace and utilize more algebra and trigonometry skills in problem solving than in a regular college prep level class.

Prerequisites: Completion of Algebra I, concurrent enrollment of Geometry – Honors, appropriate score on placement test.

420 Chemistry
full year; 1 credit

This is a standard one year course in basic chemistry. The course covers introduction to the periodic table, writing basic chemical formulas, properties of gases, liquids, and solids, solution concentration, acids and bases and organic chemistry. It is assumed the student understands algebra and can use a calculator. Completion of this course will prepare the student to take an introductory college chemistry class.

Prerequisites: Successful completion of Physics

421 Chemistry Honors
full year; 1 credit

This course is an introduction to chemistry covering the periodic table, properties of metals, nonmetals, basic atomic and molecular structure, types of chemical reactions, writing chemical formulas, balancing chemical equations, acid and base concepts, and energy and kinetics of chemical processes. Both inorganic and organic chemistry are covered. Basic algebra is required as is the ability to use a calculator. Completion of this course will prepare the student to take AP chemistry and/or a college course in general chemistry.

Prerequisites: "A" average in Physics or "B" or better average in Honors Physics and recommendation of current science teacher

430 Biology
full year; 1 credit

Biology is an introductory course that introduces students to the mechanisms and diversity of life within an evolutionary context. The students' learning will be supplemented with labs/activities, scientific writing, and projects that reinforce the biology concepts taught and allow students to explore their relationship to all living and non-living systems that make up this world. The course is also designed to help students explore the possibility of a life sciences direction of study in college or as a profession. Lectures and demonstrations will be a natural part of the course. Outstanding students who successfully complete this course are encouraged to consider AP Biology as option for the following year.

Prerequisites: successful completion of Chemistry

431 Biology Honors
full year; 1 credit

Biology Honors is an advanced first year biology course that covers the following areas in depth: Biochemistry and cells, cellular energetics, DNA and Protein Synthesis, Cell Cycle and nuclear divisions, genetics, evolution, bacterial diversity and viruses,

protist diversity, Plant diversity, animal diversity, plant anatomy and physiology, animal anatomy and physiology, and ecology. This course is faster paced and more detailed than college prep biology.

Prerequisites: "A" average college prep chemistry or "B" or better average in honors chemistry and recommendation of the current science teacher

ENVIRONMENTAL SCIENCE COURSES:

Environmental Science is an interdisciplinary discipline; it embraces a wide variety of topics from different areas of study. There are several major unifying themes that cut across the many topics included in the study of environmental science. The following themes provide a foundation for the structure of the Environmental Science course.

1. Science is a process.
2. Energy conversions underlie all ecological processes.
3. The Earth itself is one interconnected system and that humans alter natural systems.
4. Environmental problems have a cultural and social context.
5. Human survival depends on developing practices that will achieve sustainable systems.

This course is open to juniors and seniors. It is highly recommended that students enroll for all three trimesters, but may enroll for 1 trimester.

441 Environmental Science: Ecology and Population Dynamics
trimester 1; .333 credit

Look at the local ecosystem – current and historical perspective
Ecosystem mechanics and webs
Invasive vs. native species
Biome succession
Reading Accompaniment: Ishmael (Daniel Quinn) or Sand County Almanac (Aldo Leopold)

ENVIRONMENTAL SCIENCE COURSES cont.

6. Blood, cardiovascular, respiratory systems
7. Digestive, urinary systems
8. Endocrine system
9. Lymphatic system
10. Reproductive system

442 Environmental Science: Water and Atmospheric Issues **trimester 2; .333 credit**

Resource Management – Finite vs. Infinite
Local Issues – River Flow, Aquifers, Reservoirs
Facts about “Global Climate Change”
EPA pollution management
Reading Accompaniment: Silent Spring (Rachael Carson)

443 Environmental Science: Resources, Energy, Politics and Economics **trimester 3; .333 credit**

“Best Economic Process”
Resource Management – History, Policy Creation, Future
Emerging Technologies
Reading Accompaniment: Walden (Henry David Thoreau)

447 Anatomy & Physiology **full year; 1 credit**

This year-long science elective would examine the relationships between form and function within the human body. Studying anatomy and physiology in tandem is helpful with not only developing an understanding as how one’s body works, but also furthering that understanding as to why it works in any given way.

Open to juniors and seniors, this academic course would progress through the following core units:

1. Orienting the body: language, directions, and movements
2. Chemical and cellular processes of the human body
3. Integumentary system
4. Musculoskeletal system
5. Nervous system

450 Introduction to Engineering **one trimester; .333 credit**

Are you thinking about majoring in engineering in college? Discover what engineers do! This hands-on course investigates the basics of engineering design through project-based, team competitions. Engage in different disciplines inside the applied sciences by bridge building, designing robots, creating CAD drawings, and fabricating prototypes. Students will be expected to attend competitions and design seminars during certain weekends in the trimester.

Prerequisite: Physics; open to 10th-12th grade

451 Advanced Engineering Design **one trimester; .333 credit**

Learn the basics of engineering design as an iterative, collaborative process. This course uses robotics and embedded computing as the medium through which we investigate the stages of product design. Students will be expected to attend competitions and design seminars during certain weekends in the trimester. Completion of Introduction to Engineering is not required but recommended.

Prerequisite: Physics; open to 10th-12th grade

461 AP Biology **full year; 1 credit**

This course follows the curriculum designated by The College Board. It is to be the equivalent of a two-semester college introductory biology course. Students will be asked to integrate detailed information regarding biological processes into broader thematic schemes. Students will develop analytical and laboratory skills necessary to investigate modern biology issues. Topics include molecular and cellular biology, heredity and evolution, and biologic diversity and populations. The range and depth covered, and the type of laboratory work required of students differs significantly from a typical

high school biology course. This course is extremely fast paced and requires a great deal of outside of class reading. Testing is rigorous and will cover large amounts of material. Material will be delivered through traditional lecture, small group discussions, and hands-on labs. Students will be evaluated with frequent short quizzes, take home essays, lab reports and major tests. Students successfully completing this course should have a working knowledge of biology at a collegiate level and be prepared to take The AP Examination.

Prerequisites: "A" average in college prep biology or "B" or better average in honors biology and recommendation of the current science teacher. In exceptional cases students may take AP biology as a first year course. Decisions will be made on a case-by-case basis. Minimum prerequisites = "A" average in chemistry and recommendation of current science teacher.

464 AP Chemistry
full year; 1 credit

This course is presented at the level of a first year college chemistry class. The student should have completed an honors chemistry class with a grade of B or better. The concepts are similar to the honors chemistry class but with more depth and rigor. The concepts of thermo chemistry, kinetics and quantum chemistry will be covered. Basic algebra and some calculus will be used. Completion of this course will prepare the student to take the AP exam in chemistry.

Prerequisites: Successful completion of chemistry and biology, "A" average college prep chemistry or "B" or better average in honors chemistry, recommendation of the current science teacher and concurrent enrollment in Calculus

465 AP Physics
full year; 1 credit

AP Physics C is a rigorous calculus-based course that covers the following six content areas in mechanics: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.

This course is equivalent to the introductory physics course taken by science and engineering students at most colleges and universities and includes a significant laboratory component.

Prerequisites: Concurrent enrollment in either AP Calculus.

WORLD LANGUAGE
Minimum of 3 credits required in the same language for graduation

510 Latin I
full year; 1 credit

The first year of Latin introduces all of the major grammatical elements of the language: basic noun forms, all tenses of the verbs, active and passive voices, pronouns and adjectives. Students begin by learning the grammar and then apply those principles in oral drill, written composition, and translation. By understanding the flexibility of an inflected language, learning grammar and building a strong vocabulary, students will improve their knowledge of English. Roman history, culture and literature provide a context for the development and use of the Latin language.

511 Latin II
full year; 1 credit

The second year of Latin further develops concepts learned in Latin I. After an intensive review, students complete their study of basic Latin grammar. Emphasis will be placed on translation and composition of complex sentences along with advanced grammatical constructs, such as the subjunctive mood, indirect discourse and the ablative absolute. The year ends with readings in Caesar and Catullus, in which the students' attention can be drawn to stylistics. Familiarization with Roman culture is continued.

Prerequisite: Successful completion of Latin I

512 Latin III
full year; 1 credit

Latin III begins with a comprehensive review of Latin grammar and vocabulary. Students then move on to reading Latin prose, primarily in the form of Cicero's early orations, and begin poetry with Catullus and some elegies. These readings provide an opportunity not only to delve into the Roman World in its golden

age, 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.

Prerequisites: Successful completion of Latin II

513 Latin III Honors
full year; 1 credit

Latin III Honors closely aligns with the Latin III curriculum in scope but adds depth in the first and second trimester with composition and extra readings. In the third trimester students will study Vergil rather than Catullus.

Prerequisites: A grade of 90 in Latin II or departmental recommendation

518 AP Latin
full year; 1 credit

The goal of AP Latin is for the students to translate a sizeable amount of the Latin poetry from Vergil's Roman epic, the Aeneid. This will include a working knowledge of Latin grammatical structures and vocabulary. Skills that students will learn include how to scan, read, and critically examine Roman poetry. Also, a study will be made of the literary and historical context of Vergil's works. By the end of the class, students should feel comfortable translating the Aeneid, closely reading Latin poetry and writing critical essays.

Prerequisite: A grade of 90 in Latin III Honors or departmental recommendation

521 Spanish I
full year; 1 credit

This course provides an introduction to the Spanish language and serves as the foundation for subsequent study. Students learn to perform basic communicative functions in Spanish; such as expressing likes and dislikes, describing themselves and others, talking about their after school activities and their participation in sports. They learn to appreciate the correspondence between what they hear and say in Spanish and how to spell it. They also look at various aspects of Hispanic culture, both current and historical, as they discuss and see

videos about Hispanics in the United States and our neighbors in Mexico and Puerto Rico and El Salvador. In addition to the textbook, students read a short novel especially created for their ability level and based on the information in the textbook to foster reading skills.

522 Spanish II
full year; 1 credit

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 grammar concepts which allow them to communicate more effectively. Short stories, novelas and 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.

Prerequisites: Successful completion of Spanish I (in US or in MS). Students new to Parish must demonstrate Spanish I skills on the Parish placement exam.

523 Spanish III
full year; 1 credit

This course is designed for students who do not plan to continue in honors or AP studies, but who want to increase their proficiency in the language 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.

Prerequisites: Successful completion of 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.

524 Spanish III Honors
full year; 1 credit

This course is designed for students who plan to continue in honors and AP studies and for those who want a strong preparation for college Spanish with a higher degree of proficiency. Students will continue building their communicative skills as they participate in listening, speaking, reading and writing activities that also integrate cultural concepts of the countries studied. They will develop a larger, more in-depth vocabulary, including idiomatic usage, as well as increase accuracy through an intensive study of the structure of the language.

Prerequisites: A grade of 90 in Spanish II or departmental recommendation. Freshmen with continuous elementary through eighth grade studies may qualify with a 90 in the eighth grade course, 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.

525 Spanish IV
full year; 1 credit

Spanish IV is a comprehension-based approach for students who are interested in further developing their language proficiency, but who do not intend to pursue the Advanced Placement track. The course is especially suited to helping learners develop good listening comprehension skills. Speaking and writing skills are also addressed. The course additionally will focus on the diversity of Hispanic cultures and the ways in which those cultures are similar to and different from the students' own culture.

Prerequisites: Successful completion of Spanish III or Spanish III Honors

526 Spanish IV Honors
full year; 1 credit

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 novel designed for intermediate language learners and explore current issues as well as topics with historical and cultural significance. Discussions are conducted in Spanish.

Prerequisites: A grade of 90 in Spanish III (weighted for III Honors) or departmental recommendation. Students new to Parish must demonstrate appropriate control of Spanish III skills on the Parish placement exam. An interview is required for students in Spanish III.

527 Spanish V
full year; 1 credit

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.

Prerequisites: A grade of 90 in Spanish IV (weighted for IV Honors) or departmental recommendation and a signed contract for the class

528 AP Spanish Language
full year; 1 credit

This course is comparable to the 5th or 6th 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, from literature to informal readings and by listening to native sources on radio broadcasts as well as more formal deliveries.

Prerequisites: A grade of 90 (weighted for an honors course) or departmental recommendation and a signed contract for the class

541 French I
full year; 1 credit

This foundation course provides an introduction to the French language and culture. Students receive a thorough initiation into French spelling and its corresponding sound system. They learn to communicate at a novice level about a limited range of basic topics; such as talking about weather and clothing, ordering food and drinks in a café, describing themselves and others, and discussing school and classes. They use the four most important irregular verbs in the language in the present tense with a high degree of control and also learn to use a wide range of basic regular verbs with accuracy in the present tense. Cultural topics include geography, technology, education, age appropriate parties and driving.

542 French II
full year; 1 credit

This course is designed to further develop a student's ease and confidence in using learned material in highly predictable interactions. It is the continuation of both the middle school French I-B and the upper school French I courses. By thoroughly reviewing and expanding on the elementary concepts learned in level 1, students develop a firm foundation for continued study of the language at more advanced levels. They will further develop all four communication skills, speaking, listening, reading, and writing, with increased emphasis on reading and writing as the year progresses. The course will also acquaint students with various aspects of French culture.

Prerequisites: Successful completion of French I (in US or in MS). Students new to Parish must demonstrate French I skills on the Parish placement exam

543 French III
full year; 1 credit

This third year course completes the three-year language requirement for students who want to further develop their ability with the French language and knowledge of French culture, but who are not interested in pursuing preparation for the French AP Language Exam. Students will follow the same basic curriculum as the honors class, but with assignments and assessments appropriate for their skill levels and language goals. Emphasis will be placed on preparation for college placement exams by giving students a solid background in French and helping them to improve their reading, listening, speaking, and writing skills.

Prerequisites: Successful completion of French II
Students new to Parish must demonstrate French II skills on the Parish placement exam

544 French III Honors
full year; 1 credit

This course is a continuation of French I and French II. Additionally, this third year option in French provides a bridge to advanced work in preparation for the A.P. French Language Exam, the SAT II test, or university placement tests. In French III Honors, students begin to use the language with a higher degree of both accuracy and creativity than in previous courses. Whereas the previous courses focused on language production in the past, present, and future in highly controlled predictable situations, the third-year student begins to use language to hypothesize, predict, and express emotion. Students expand their ability to tell stories and to support their opinions using cogent details. There is a strong emphasis on vocabulary building, as well as increased encouragement to use complex sentences in order to create more sophisticated sentence structure. These skills are developed and reinforced through frequent independent reading assignments and increased practice in writing. The class is conducted primarily in French.

Prerequisites: A grade of 90 in French II or departmental recommendation. Students new to Parish must demonstrate appropriate control of French II skills on the Parish placement exam.

546 French IV Honors
full year; 1 credit

This course is designed to prepare students to enter an AP class the following year or to perform well on placement exams in French at the university level. Extensive practice in both reading and writing in the target language will be combined with advanced grammar instruction and vocabulary acquisition. There will be many opportunities for conversational practice as well as an emphasis on improving students' reading levels. Students will speak only the target language in class. They will begin to do some of their practice using authentic AP materials and should expect to be well prepared to take an AP course the following year. They will also listen and respond to authentic discourse, heard both on CDs and on film.

Prerequisites: A grade of 90 in French III or departmental recommendation. Students new to Parish must demonstrate appropriate control of French III skills on the Parish placement exam

548 AP French Language
full year; 1 credit

This course is designed to prepare students to take university placement tests in French or the AP French Language Exam. It combines advanced grammar concepts with abundant opportunities to read and write. Students will develop the ability to understand written and spoken French from a variety of authentic sources and will enrich and expand their current knowledge of vocabulary to allow increased independence from a dictionary. Students will speak only the target language during class. They will listen and respond to authentic discourse, heard both on CD's and in films. They will also discuss topics of general interest inspired by articles from the French press. There will be a balance in emphasis on the four skills: reading, writing, speaking, and listening, which will reflect the nature and composition of the AP exam.

Prerequisites: A grade of 90 in French IV (weighted for IV Honors) or departmental recommendation. Students new to Parish must demonstrate appropriate control of French III skills on the Parish placement exam.

RELIGIOUS STUDIES
1 credit needed for graduation

605 World Religions
one trimester; .333 credit

This course provides an historical, critical, and comparative study of the world's major expressions of religious experience, namely Hinduism, Buddhism, Judaism, Christianity, and Islam. Additional topics may include contemporary religious issues, other religions of the world, and approaches to religious plurality.

610 Bible and Western Culture
one trimester; .333 credit

Bible and Western Culture introduces the literature of the Bible and examines its influence on the heritage of western civilization. The primary objective is to familiarize students with the Old and New Testaments; however, the course also introduces the related topics of canon city, textual criticism, Bible translation, and methods of interpretation. Secondary emphasis includes a discussion of the biblical world view and its impact on the history, art, literature, architecture, jurisprudence, and other aspects of western culture.

620 Contemporary Religious Issues
one trimester; .333 credit

Contemporary Religious Issues is a twelve-week elective course that explores a variety of topics relevant to contemporary society and its interaction with religious ideas. Subjects discussed in the course may include religion and the social sciences, religious fundamentalism, liberation theology, philosophy of religion, feminism, or other topics as determined by the instructor. As a core objective, the course seeks to galvanize students to reflect on and formulate opinions regarding the influences exerted on society by the theological, moral, and ethical tenets of religion.

ELECTIVE COURSES

All electives are one trimester in length with the exception of the following: Portfolio Class, AP Studio Art, AP Music Theory, AP Computer Science, AP Psychology, Yearbook and Crew (two trimesters).

Psychology Courses:

Psychology I, II, and III. SENIORS ONLY

These trimester long courses can be taken in or out of sequence. Each 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. Each trimester takes a different focus.

These courses are designed to spark an interest in process learning and the field of psychology and should prepare students to take more advanced psychology courses in the future. Class participation is vital in these discussion/project-based courses. 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 these courses should be more confident in their abilities to understand their own beliefs about the science of human behavior.

630 Psychology I Focuses on the Biological Basis of Behavior, Learning and Memory
one trimester; .333 credit
Fall trimester only

631 Psychology II Focuses on Developmental and Personality Psychology
one trimester; .333 credit
Winter trimester only

623 Psychology III Focuses on Abnormal Psych, Motivation, and Social Psychology
one trimester; .333 credit
Spring trimester only

638 AP Psychology
full year; 1 credit

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, cognitive, psychoanalytic, and social-cultural to examine how they impact our daily lives. This course is designed to spark an interest in process learning and 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.

Prerequisite: Recommendation of the current science teacher

640 Leadership for the 21st Century
one trimester; .333 credit

Leadership for the 21st Century explores the traits and characteristics of successful leaders using Kouzes & Posner's Leadership Challenge as the organizing framework. Through self exploration,

other study, and collaborative projects and activities, students will come to understand more clearly what it means to lead purposefully while developing their skills as servant leaders. Open to 10th-12th grade.

645 Science and Religion in Dialogue
one trimester; .333 credit

This trimester elective introduces students to the essential questions in the debate between religion and science. What is the role and interaction of faith and reason? Does God interact in the natural world? What do religious and scientific teachings say about the origin of humanity? Can science account for reported miracles or other religious phenomenon? Students will engage these questions and others as we explore great thinkers in the history of this important conversation. Open to 11th & 12th grade.

This is an elective course and does not replace a required Religion or Science course

649 Senior Project
one trimester; .333 credit

The senior project elective is designed to extend the school's mission of "providing an enriching and challenging educational experience" through an independent project that develops real-world connections, captivates student interest, and fosters personal growth. This self-directed educational experience will serve Parish seniors well as they prepare for the transition from high school to college. Senior projects will:

- Engage students in independent thinking and problem solving;
- Direct students to explore areas of passion;
- Build students' networking and communication skills; and
- Develop confident, self-reliant individuals who take ownership of their own learning.

Seniors will select a faculty advisor during the first trimester. Each major step in the planning and execution of the project will be discussed and cleared with the faculty advisor in consultation with the senior project committee.

This course will be graded "pass/fail" and require participating students to: 1) develop a suitable project and recruit a community mentor in consultation with their Parish faculty advisor; 2) log hours off-campus during the duration of the project; and 3) deliver a presentation to the Parish community at the conclusion of the project experience.

Computer Science

651 Python: Introduction to Programming
one trimester; .333 credit

This course will provide a gentle introduction to programming using Python™ for highly motivated students with little or no prior experience in programming computers. The course will focus on planning and organizing programs, as well as the grammar of the Python programming language. Lectures will be interactive featuring in-class exercises with lots of support from students and instructor.

652 Computer Applications: Microsoft Office, Google Applications and Open Source
one trimester; .333 credit

This course will cover Microsoft Office, Google and Open Source productivity tools. The course will be project-based and will be tailored to the level of proficiency of the students.

Computer Science cont.

Computer Aided Design [CAD: Trimester courses]

Although no prerequisites are required for the following courses, the successful completion of Digital Modeling and Sculpting is recommended prior to enrolling in the other CAD courses. CAD involves the use of computer technology to create 3D objects, simulations and animations. During the first two weeks of the courses, the students are immersed in a rigorous training program to bring them up to speed with the software application(s) necessary for successful projects completion. The training will involve basic techniques, practice and protocol. It is essential that students not miss class time especially during this period. Students are expected to produce detailed and organized portfolios of all their work.

655 Digital Modeling and Sculpting **one trimester; .333 credit**

Students learn how to model and sculpt 3D objects using a popular and professional 3D modeling and animation program called Cinema 4D. This course introduces students to computer aided design concepts and practices. This course is entirely project-based with a practical for final assessment. Students are encouraged to collaborate and assist one another. Students are also required to develop and/or present a tutorial or technique, either written or video as part of their grade.

656 Architecture & Interior Design **one trimester; .333 credit**

Students learn the basic principles, practices and process of architecture and interior design. Building Information Modeling (BIM) concepts are an important component of the course using Cinema 4D and/or other software. Students begin the design process using 2D, planning, drafting and then proceed to 3D modeling. Students will also be required to build a structure using mat board or basalt. Landscaping is

also discussed. Students may declare an emphasis on either Architecture or Interior Design or explore both areas with equal interest. The course is mainly project-based.

657 Engineering Design **one trimester; .333 credit**

Students learn the basic principles, practices and process of general engineering design. The course is perfect for students interested in general engineering. Students begin the design process using 2D, planning, drafting and then proceed to 3D modeling. Students may declare a specific area(s) of interest such as Mechanical or Civil/Structural Engineering for their final assessment/project. The course is mainly project-based.

658 Digital Motion Graphics and Visual Effects **one trimester; .333 credit**

Students explore the world of computer graphics composition, visual effects, including green/blue screen techniques and video motion graphics incorporating 3D elements. Cinema 4D, Adobe After Effects, Photoshop and Premiere are the primary applications used in the course. The course is mainly project-based and involves the use of video and stills. The successful completion of Digital Modeling and Sculpting is recommended prior to enrolling in this course.

659 Digital Fashion Design **one trimester; .333 credit**

Students learn the basic principles and practices of fashion design. Students begin the design process using traditional or digital sketching/drawing, planning and layout and then proceed to 3D modeling and simulation. Using Cinema 4D, the students learn how to model and texture their designs. Guest speakers and designers are encouraged to speak to students about the principles that drive fashion today. The course is mainly project-based. Photoshop is also used for textures design.

Graphic Design Trimester courses

Graphic Design introduces the computer as a tool to complement and extend the use of graphics in Web design, print and animation. Students will receive instruction on the Adobe CS3 applications and other software to enhance and complement the curriculum outlined. This course will involve submitting a portfolio of projects as part of the final course grade. All of the Graphic Design courses provide instruction on how to use the graphics tablet.

662 Art and Print Media **one trimester; .333 credit**

This course teaches the basics of print typography, layout and application of art using the computer as a tool. Students learn how to use the computer to draw, sketch, paint and design print material. Students are also given instruction and practice on how to use graphics tablets, the scanner and other peripherals to help achieve the goals of the course.

[Adobe Photoshop, Fireworks, Illustrator & InDesign]

663 Web Design **one trimester; .333 credit**

This course emphasizes the “design” in Web Design. An introductory look at coding HTML and CSS is provided, but focus is on the creative elements. Students are, nevertheless, encouraged to use coding as a means to add flexibility and control to web page design. Basic animation is also introduced. Students also receive information on how to start their own websites and maintenance.

[Fireworks, Photoshop, Dreamweaver]

664 Animation **one trimester; .333 credit**

Traditional 2D, cartoon and web animation is explored. Students learn how to create animation for the web and cartoon production. Tweening and traditional frame by frame techniques are

emphasized. An introduction to ActionScript 3.0 may also be provided.

[Flash, After Effects, Photoshop, Fireworks, Other Animation Software]

667 AP Computer Science **full year; 1 credit**

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 Computer Science I 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 CS-A. Students will be prepared to continue on to Computer Science AP-AB. *Prerequisites are the successful completion of CS I with a grade of B or higher, successful completion of Geometry with a grade of B- or higher, and instructor approval.*

English Electives

670 Journalism I **one trimester; .333 credit**

Students are trained foremost in journalistic writing; they learn to cultivate compelling ideas, develop a voice and articulate their subjects engagingly. Each student is encouraged to write articles they are interested in. Students all learn the basics of journalism. For the artistically inclined, layout design technique, and illustrating are potential focuses. Depending on each student’s level of interest and dedication, various amounts of their work – articles, layouts and illustrations will enter Parish’s news publication, The PEN.

This is an elective course and does not replace a required English course.

671 Journalism II
one trimester; .333 credit

Students who excel in Journalism I move up to positions of leadership on The PEN staff as leading writers, editors and potentially as managing editor or editor-in-chief. The members of this class are responsible for coming up with ideas that interest and include the Parish community as a whole, writing principal articles or composing layouts and visuals, and ultimately producing a timely and rousing publication that exemplifies first-rate quality in both content and appearance. Though this course may be taken for one trimester, students are strongly encouraged to enroll for the full year if possible.

Prerequisite: The successful completion of Journalism I

675 Creative Writing I
one trimester; .333 credit

This course introduces students to the processes behind developing short stories and poems. Classes study and learn from master authors and poets. Through a mix of modeling and original creativity, students will write their own pieces and share them during in-class workshops. Students will offer written and oral commentary on peer's work, while also revising their critiqued stories.

This is an elective course and does not replace a required English course.

676 Creative Writing II
one trimester; .333 credit

Creative Writing II (prerequisite Creative Writing I) is a continuation of Creative Writing I with less critical reading of the canonical works and more individual writing and workshops. The course should produce a bound book of the student's best work from both Creative Writing I and II. This class, in conjunction with the Art Department, will also be responsible for beginning a Parish Literary Magazine.

This is an elective course and does not replace a required English course.

Math Electives

678I Introduction to Problem Solving
one trimester; .333 credit

This course will seek to engage students in solving a variety of non-routine problems in a relaxed cooperative environment. Most students have difficulty mastering the art of problem solving. It requires not only the skills and concepts taught in math class, but also creativity and the experience of problem solving with a variety of strategies. In this course students will learn to problem solve in teams as well as individually and will also be encouraged to create their own non-routine problems. This course will help students gain confidence, strengthen their math skills, and prepare them for the SAT and subsequent math and science classes. The Art of Problem Solving will be an important part of the preparation for any students who are interested in participating in the various math and science competitions available for Upper School students. Because the assignments for this class will change from year to year, students may take this class more than once.

678 Problem Solving
one trimester; .333 credit

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 problems that students encounter in math and science class as well as standardized tests like the SAT and ACT. 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. This course will require a higher level of math skills than the introductory course. Because the assignments for this class will change from year to year, students may take this class more than once.

Prerequisite: Algebra 1

679 Advanced Problem Solving
one trimester; .333 credit

This course will build on the basic strategies covered in Problem Solving and prepare students for high school mathematics competitions. Students will become familiar with strategies that are not covered in traditional high school mathematics courses. Topics covered will include the pigeonhole principle, finite differences, number theory, sequences, series, and probability. Students will work cooperatively and independently to solve a variety of problems and will be expected to be able to present their solutions to the class orally and in writing. The goal of this course is to help students assimilate the mathematics they have learned in math class and enable the leap to solving problems whose solution depends on trying something new. Students enrolled in the course will be expected to participate in several mathematics competitions during the year. Because the assignments for this class will change from year to year, students may take this class more than once. *Prerequisite: Problem Solving and concurrent enrollment in Algebra II or departmental approval.*

Visual & Performing Arts
Minimum of 1 credit needed for graduation

704 Modern Art History
one trimester; .333 credit

This course is a survey of modern art in the Western world, beginning with its origins in the 19th century and ending with an exploration of today's innovative, non-traditional artists and media. The class will address societal issues as they relate to drawing, painting, photography, sculpture, and architecture. Field trips will enhance student learning and expand the boundaries of the course beyond school walls.

706 Ceramics and Sculpture I
one trimester; .333 credit

This is an introductory course in the art of clay and three dimensional forms. Along with the historical development of ceramics and sculpture, students will learn the basic hand-building techniques: coil, pinch and slab methods of construction. Students are introduced to the glazing and decorating techniques and the art of firing their work in the kilns. This class will let the student explore the dynamics of space and the interaction of forms in a 3-D environment.

707 Ceramics and Sculpture II
one trimester; .333 credit

This class is offered to students who have had Ceramics I. Self-motivation is encouraged by giving students a choice of assignments using new and different techniques covered in Ceramics I. These assignments will be construction techniques such as thrown and altered forms, combination of handbuilt and wheel thrown elements, and the use of some non-clay materials. More complex glazing and decorating elements will be introduced. The student will be more involved in the loading and firing of their own work. Continuing research into the historical development of ceramics and sculpture will be offered.

Prerequisite: Ceramics & Sculpture I

708 Ceramics and Sculpture III
one trimester; .333 credit

The focus of this class is learning to use the potter's wheel and pushing the boundaries of that tool. Wheel thrown forms will be combined with handbuilt forms to complete the object.

Prerequisite: Ceramics & Sculpture I & II

715 Pottery Wheelthrowing
one trimester; .333 credit

The student will experience the excitement of making functional ceramic pieces on the potter's wheel. Techniques include: wedging, centering, pulling the clay wall, forming and trimming. Throwing is the basic tool for making functional ceramics. Instruction in glazing the pieces is also given.

720 Studio Art I
one trimester; .333 credit

Elements and Ideas is an introductory course in studio art. The course focuses on the elements and principles of design through drawing, painting, and printmaking. 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.

721 Studio Art II
one trimester; .333 credit

In this course, students are presented more advanced problems in drawing with emphasis placed on drawing from life and composition. Greater importance is placed on drawing the figure. Students use gesture and contour line in quick and sustained studies as well as work with a variety of media. Building upon

the foundation of design principles introduced in Studio Art I, artists continue to explore visual design 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.

722 Studio Art III
one trimester; .333 credit

This course offers the student more advanced, in-depth, and challenging problems in drawing and painting. The course emphasizes painting from observation and gives students the opportunity to work with a variety of new and non-traditional painting materials. Students continue to build on their technical and conceptual base to develop a personal style and directions. This course is an important foundation in building the productive work habits necessary to the successful completion of the Advanced Placement Studio Art course.

725 Printmaking
one trimester; .333 credit

In this studio course students are introduced to several traditional and alternative printmaking techniques; including relief, intaglio, monoprints, monotypes, and chine colle. 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.

730 Portfolio Class
full year; 1 credit

Students who plan to take AP Studio Art are required to take the Portfolio Class during their junior year. Portfolio Class is a year-long class. Principles learned during the freshman and sophomore years will be applied and skills refined. Students will work toward completion of a body of work suitable for the breadth portion of either the AP Drawing Portfolio or the AP 2-D Design Portfolio. In the event that a

student should decide not to take AP Studio Art the senior year, the Portfolio Class will give the student an opportunity to put together a portfolio of quality work for potential college application.

Prerequisites: A combined total of at least three trimesters of visual art during the freshman and sophomore years, one of which must be photography (either digital or traditional) and one of which must be Studio Art I. Modern Art History is strongly recommended. In exceptional cases, students may be admitted to the program subject to evaluation by the Upper School visual arts faculty through interview and portfolio evaluation.

**735 AP Studio Art
full year; 1 credit**

Advanced Placement Studio Art is a year-long course in which highly motivated students are given an opportunity to do college-level work resulting in potential college credit. It is intended for the student who has reached a high level of skill in a variety of media (including painting, drawing, printmaking and/or photography), who is committed to the serious study of art, and is willing to invest significantly more time both inside and outside of the art studio in order to produce a strong portfolio for College Board evaluation. Students choose either the drawing portfolio or the 2-D Design portfolio. Individual attention and guidance aid each student in developing his or her own artistic style and direction. Because of the challenges and time commitment involved, a signed contract between student, parent, and teacher is required.

Prerequisites: Senior standing, Portfolio Class (junior year), at least three trimesters of visual arts, one of which must be photography and one of which must be Studio Art I, portfolio evaluation and departmental approval. Modern Art History is strongly recommended.

**740 Traditional Photography I
one trimester; .333 credit**

This is an introduction to traditional black and white film photography. Students will learn essential exposure terminology and applications, as well as darkroom development and printing techniques. Special attention will be given to proper exposure, film development and proofing. A brief history of traditional photography will be covered, with emphasis on the masters of black and white photography, to include their themes, techniques and styles.

**741 Advanced Traditional Photography
one trimester; .333 credit**

Having learned the fundamentals of proper exposure and darkroom techniques in Traditional Photography I, students will be challenged to use the learned techniques to produce creative work of the finest quality. Emphasis will be given to fine darkroom printing techniques in order to produce fine art prints on 11x14 RC and fiber paper. Work will be matted and submitted for exhibit.

Prerequisite: Traditional Photography I

**745 Digital Photography I
one trimester; .333 credit**

This course will introduce students to the fundamentals of digital imaging from a fine arts standpoint. The goal is to equip students with solid shooting and editing skills in order to express themselves through images in a variety of media. Themes will include an introduction to the power of images and what is behind them. Themes covered will include essential digital photographic capturing skills (composition, exposure, motion, and depth of field) and foundational image editing skills in Photoshop. The course will culminate with a final critique and exhibition. Prints with museum archival output on Piezzo printer with fine arts paper.

**746 Advanced Digital Photography
one trimester; .333 credit**

Having worked on basic camera, editing, and composition techniques in Digital Photography I, students will now focus on thematic series, learning to address different challenges creating groups of images that illustrate a theme, tell a story and explore a visual inquiry. Advanced Photoshop editing techniques such as layers and masks will be studied. Selected works will be printed and matted for exhibit.

Prerequisite: Digital Photography I

749 Yearbook Photojournalism
full year; 1 credit

This is a full year hands on course in which we actually will produce the images and design the layout for the upper school portion of the yearbook. The editor's room atmosphere will give the student a feel for what the editorial world is like. Foundational techniques and photojournalistic skills will be taught. Students will be responsible for photographing high school events and producing images to illustrate yearbook themes. We will also learn to design page layouts and to produce copy from a journalistic standpoint.

Teacher application & approval required.

750 Parish Singers
one trimester; .333 credit

Parish Singers is a Fine Arts elective course, open to any student who is willing to learn the skills of singing. No audition is required. Although the choir is very socially active, Parish Singers is not a club. Students receive a grade for attendance, participation, preparation and performances. Parish Singers are respected for hard work and quality singing. The choir plays an important role in the life of the school by leading singing during weekly Eucharist services, performs at special ceremonies and represents Parish in the DFW area. Parish Singers also occasionally sing combined performances with Bel Canto, the select choir. Over the past four years, Parish Singers have been honored to sing for Archbishop Desmond Tutu, the Humble Beginnings luncheon honoring Troy Aikman, Mike Irvin and Emmitt Smith. Community service is an important part of the mission of Parish Singers and members are able to earn community service hours for some of our performances like the "Heroes for Children 5K".

751 Bel Canto
full year; 1 credit

Bel Canto (select singers) is a year-long Fine Arts elective course; an auditioned, advanced ensemble created to allow the most talented and experienced singers to reach their highest potential as individuals and as an ensemble. All members

receive a contract outlining special rehearsal times and expectations. Bel Canto means beautiful singing and the vocal techniques emphasized originated in Italy. Membership in Bel Canto comes with considerable responsibility. Selected students have demonstrated advanced musical skill, dependability, dedication, and special interest in advancing the choral program at Parish. Bel Canto represents the pinnacle of the choral program and provides beauty in appearance, demeanor and musical presentation. Bel Canto serves the Parish community by providing vocal leadership in Eucharist each week, seasonal concerts, special presentations at ceremonies or religious services and as ambassadors on assignment for the admissions and advancement offices.

Formal attire is required.

730 Piano Lab
one trimester; .333 credit

The piano elective course provides an introduction to the history, theory, and performance of piano literature. Novice students are introduced to important elements of music theory necessary to successfully navigate the musical score and apply the information on the printed page to the piano keyboard. Experienced students are encouraged to increase their proficiency by exploring a new genre of music or mastering techniques of improvisation (i.e. twelve-bar blues). Additionally, we examine important masters of the keyboard including, Johann Sebastian Bach, Ludwig von Beethoven, Wolfgang Amadeus Mozart and Sergei Rachmaninoff.

753 Instrumental Music
full year; 1 credit

The Upper School Band is a year-long performance-based class and is open to all upper school students. Emphasis is placed on performance skills which are reinforced through music theory, concerts, solos and ensembles, music festivals, Fine Arts Night, All-Region and All-State activities and other special activities. Attendance at all performances is mandatory and is part of the student's grade. Also, private lessons are encouraged. Students may have the opportunity to try other instruments to help with instrumentation needs.

755 Survey of Music Theory
one trimester; .333 credit

Survey of Music Theory is for any student wanting to understand how music is constructed. The course focuses on learning and interpreting the symbols and vocabulary of music as an international language. This course uses modern pop, jazz, country and folk music and is designed to assist students to apply theory to guitar and piano. There is no prerequisite.

756 AP Music Theory
full year; 1 credit

AP Music Theory is a year-length 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, proceeds through the “rules” of composition in the Baroque and Classical era and ends with students creating their own compositions as final preparation for the AP Exam. The AP Music Theory course is not intended only for students planning to major in music at a university or conservatory or music. However, at least 3 years of instrument study is required. Vocalists need to pass a basic music theory exam prior to entrance. It is extremely helpful if students have studied some piano. This course is only available to Juniors and Seniors but may not be divided between Junior and Senior year. This course requires students to sing during the class and also on the exam. The quality of singing is not graded, only the accuracy of demonstrating the notes. There is a six-hour, Saturday review day expected at the end of the course prior to the examination.

Prerequisite: 3 years of instrument study or passing an entrance exam.

760 Speech
one trimester; .333 credit

Speech is a one-trimester class that students can take for one, two, or three trimesters. The class offers opportunities to prepare for competitive speech and debate events. Students will branch out in areas such as original oratory, persuasive speaking, prose and poetry interpretation, solo and duet acting and Lincoln-Douglas Debate. Opportunities to compete will be made available but will not be required.

761 Advanced Speech
one trimester; .333 credit

Advanced Speech is a one trimester class that students can take for one, two, or three trimesters. The class focuses on advanced preparation for competitive speech events.

762 Advanced Speech (Debate)
one trimester; .333 credit

Advanced Speech (Debate) is a one trimester class that students may take for one, two or three trimesters. This course focuses on advanced preparation for competitive Lincoln-Douglas Debate tournaments.

765 Drama I
one trimester; .333 credit

Drama 1 is designed to introduce students to the origins and history of Drama. This course will include an overview of the dramatic arts designed to give the student an understanding of theatre’s creative process from inception to performance. The class includes gaining a variety of theatrical experiences from seeing performances to being exposed to the experiences of others. Students will have an opportunity to perform and will be able to work on aspects of self-confidence, self-awareness, relaxation and focusing techniques, and various methodologies and styles of performance.

766 Acting for Theatre and Film
one trimester; .333 credit

This course will be in conjunction with Directing for Theatre and Design for Theatre. Students will explore acting as an art form and introduce the students to the different philosophies of acting and allow them to find their own voice through improv and performing. The actors will study a work chosen by the class and the course will culminate in a production designed, directed, and acted by the students.

Prerequisite: Drama 1

767 Directing for Theatre
one trimester; .333 credit

This course is offered in conjunction with Acting for the theatre and Design for the theatre and students enrolled will learn how to take a script, break it into it's elements and develop it into a full production. The students will learn blocking techniques and develop concept communication skills, working with student actors and designers to mount a fully realized production.

Prerequisite: Drama 1

768 Design for Theatre
one trimester; .333 credit

This course is offered in conjunction with Acting for the theatre and Directing for the theatre. Students will learn the basics of Scenic Design, Lighting and Sound Design, and Costume Design. They will then choose a discipline and along with the student director and actors, design and implement one or more areas of design which will result in a fully mounted production.

Prerequisite: Drama 1

769 Technical Theater
one trimester; .333 credit

Students in Technical theatre will learn how to utilize 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 the design and implementation of lighting and sound and how to operate the boards. They will also have an opportunity to be part of the running crew on the shows being mounted at Parish.

770 Advanced Tech Theatre
one trimester; .333 credit

Students in this course will learn the ins and outs of becoming a Technical Director. They will assist the Technical Director in at least one of the following: The construction of sets, hanging of light plots, recording of soundtracks, and/or costuming of a current production. They will learn how to breakdown a design into it's elements and how to manage a crew to see the design through to its completion.

Prerequisite: Technical Theatre

780 Introduction to Filmmaking
one trimester; .333 credit

Introduction to Filmmaking will explore the history of filmmaking from it's 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. This course is a pre-requisite for Filmmaking: Script to Screen. I.

781 Filmmaking: Script to Screen
two trimesters; .666 credit

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 ISAS and the Dallas Film Festival.

Prerequisite: Introduction to Filmmaking

795 Dance Crew
two trimesters; .666 credit

Upper School Advanced Dance (Tri 1 & 2) is designated as a select co-ed performance oriented dance team, who will perform at basketball games during the second trimester. All Crew participants

must commit to both trimesters 1 and 2. Each class period will consist of a warm-up, body isolations, executing technique exercises across the floor, the learning and perfecting of a routine and a warm down. To be apart of this select group, one must audition in the spring for the following year, or get permission from the instructor before the 1st trimester begins.

796 Beginners Tap
one trimester; .333 credit

Upper School Beginners Tap will consist of a warm-up, exercises across the dance floor, the learning and perfecting of a routine and a warm down. Basic tap steps will be taught. This class will have at least one performance throughout each trimester course. Students will be required to purchase tap shoes for the course.

797 Choreography
one trimester; .333 credit

Dance Choreography Class will cover the basic elements of dance...time, space and energy. The class will begin with a brief history of several American Choreographers and their contributions to dance. After being assigned to groups, students will get the opportunity to be major players in the choreographic experience by participating in the creative process. Each student will be required to perform their work at performance venues throughout the academic year.

Health

1 trimester required for graduation

800 Health
one trimester; .333 credit

A trimester class that focuses on health and wellness issues that are related to teenagers. Students will participate in discussion and activities throughout the course and will address the topics of nutrition and eating disorders, depression and anxiety, alcohol, drugs, and human reproduction and sexual wellness. These sections will be taught through group projects, discussions, and article reviews. There is no textbook for this course. Students must take this course to fulfill the Upper School graduation requirement for Health.

Physical Education

6 trimesters are required for graduation

801 Fitness for Life
one trimester; .166 credit

Components of physical fitness which will be reviewed: Cardiovascular fitness, flexibility, muscular endurance, and muscular strength. Skill-related components include agility, balance, coordination, power, reaction time, and speed. Students will understand how the human body is capable of functioning efficiently and effectively while participating in class activities such as Taebo, Self-Defense, Aerobics, Agility Training and other fun fitness activities

802 Lifetime Activities
one trimester; .166 credit

Each student will learn the history and fundamentals of each sport. These lifetime sports will help create a foundation for healthy living.

Lifetime activities offered : Bocce Ball, Golf, Power Walking, Speedminton, Horseshoes, Frisbee Golf, Washerboards, Croquet, Badminton, and Shuffleboard.

803 Team Sports
one trimester; .166 credit

Students will learn new skills and participate in various team activities. This course is designed for students of all skill levels who are interested in having fun.

Sports offered: Basketball, Indoor/Outdoor Soccer, Football, Team Handball, Softball, Rugby, Lacrosse, Field Hockey, Team Dodge ball & Ultimate Frisbee.

808 Alternative Athletic Program
one trimester; .166 credit

Requires approval from the Athletic Director

(1) The off campus athletic activity must be an Olympic medal sport, winter or summer, and/or a TAPPS (Texas Association of Private and Parochial Schools) sport. Alternative Athletic Activities may be submitted for approval, if they satisfy the goals and objectives of the PES PE Program.

(2) The student must practice or play in competition for at least 7 hours per week, averaged over each month of the season.

(3) Each acceptance will be valid for one trimester program. The mid season and season end report form will be completed and turned in to the Athletic Director or designated coach for review and grading.

(4) The student-athlete will be coached and participate in an organized league. Parents may be the coach as long as the participation and competition is part of a league or organization, and the parent is coaching other student-athletes as well.

(5) The application/commitment form shall be signed by the coach and the parent of the student-athlete each school athletic season.

(6) The AAP will be subject to verification throughout the season.

7) The student-athlete will be required to re-enter P.E. class if participation in the AAP stops in mid-trimester or activity levels are not being maintained.

Application due date:

Trimester 1: Back to School Day

Trimester 2: 1 week prior to start of T2

Trimester 3: 1 week prior to start of T3

If you do not provide a detailed practice and competition schedule with days, times and locations, your application will not be considered.

813 Dance
one trimester; .166 credit

Upper School Dance will cover the basics of Jazz as a foundation for learning dance technique. Each class period will consist of a quick warm-up followed by the learning and perfecting of a dance routine. Dance Technique will be taught while learning routines. There will be at least one performance during the trimester course.

845 Student Athletic Training
one trimester; .166 credit

This course of study is taught during PE/athletics period for basic knowledge in the field of preventing athletic injuries and the recovery of the injured athlete. The course includes units in dealing with the basic skills in prevention and response to athletic injuries; anatomy; evaluation techniques; therapeutic modalities; therapeutic exercise; and taping. This course will cover the basic skills that will prepare students to gain entrance into college athletic training programs and other medical fields.

Student Athletic Manager
one trimester; .166 credit

Each athletic team (Varsity, Junior Varsity, and Freshman) has the need for assistance provided by students. The Sports Team Manager position reports to the head coach of the particular sport, and is a full member of the team, including travel and all team recognition. Each sport has particular needs and these are specified and directed by the head coach.

“On the job training” is used the most for developing the skills needed. A high level of energy and a willingness to help are critical characteristics to one’s success as a Sports Team Manager.

Typical duties may include, but are not limited to, setting up the sports venue for practices & games, maintaining team equipment, keeping statistics for the team, operating the scoreboard and clock for competitions, keeping the game books, video filming of practices & games, video editing (with the assistance of, and at the direction of, the head coach), providing water & towels for team members, and providing minor first aid, to the extent trained to do so.

The Sports Team Manager will receive an Athletic credit for their participation and to the extent allowed by Upper School guidelines, will receive a Physical Education (P.E.) credit.

825M	Baseball Manager
840M	Golf Manager
845M	Football Manager
855M	Tennis Manager
870M	Men’s Soccer
880M	Men’s Basketball
885M	Women’s Basketball
890M	Women’s Volleyball

Athletics

Men’s

Fall

835 Football
860 Cross Country

Winter

850 Swimming
870 Soccer
880 Basketball

Spring

825 Baseball
855 Tennis
865 Track
840 Golf

Women’s

Fall

810 Cheerleading
890 Volleyball
860 Cross Country

Winter

850 Swimming
875 Soccer
885 Basketball
811 Cheerleading

Spring

855 Tennis
865 Track
826 Softball
840 Golf

Community Service

Statement of Purpose

As a Community of Excellence, focused on wisdom, honor and service, Parish Episcopal School is committed to providing service experiences, which enable students to understand their responsibility of service to the community and allow them to experience firsthand the pleasure of helping others.

The program objectives are:

- To encourage our students to develop a life-long habit of serving others by giving of their time and talents.
- To provide opportunities for our students to develop skills in communication, leadership, and decision-making.
- To broaden our students' horizons through participation in a wide arrange of social services and raise social awareness in areas such as literacy, child welfare, wellness, homelessness, and hunger.
- To foster the belief that we serve God by serving others.

Program Requirements The community service requirement for Upper School students at Parish Episcopal School is 60 hours. This graduation requirement is separated into annual requirements of 15 hours per year for the four years of upper school. Community service is defined as service given to a community or non-profit organization external to the school. Volunteering directly for a private camp, sports team, church, mosque, synagogue, or Scouts will not qualify unless a student is involved in an outreach project sponsored by such organizations.



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