

Lusher Charter School

Advocates for Arts-Based Education Corp.
“Celebrating cultural diversity through high academics and the arts.”

COURSE SELECTION GUIDE ***FOR*** ***PARENTS AND STUDENTS***

2009-2010

OUR MISSION

Our mission at Lusher Charter School is to provide a developmentally appropriate learning environment in which high academics, comprehensive arts education, and the celebration of individuality and diversity enable each child to achieve as a learner, a person, and a valuable member of our society.

PROFILE OF A LUSHER GRADUATE

A Lusher graduate will possess skills in critical and creative thinking and writing and will be well prepared for the college of their choice. He/She will have a lifelong thirst for knowledge and a deep appreciation for and involvement in the arts. He/She will be proactive, competent, and a passionate leader in our global society.

INTRODUCTION TO OUR COURSE SELECTION GUIDE

Students entering high school (and their parents/guardians) make important decisions about their futures. Lusher Charter School believes that every student should be well-informed prior to making those decisions. For that reason, this Course Selection Guide is designed to assist students and parents in making the high school experience pleasant, informative and, most importantly, successful.

The information contained in this Guide provides a complete listing of high school courses offered at Lusher Charter School. Parents/guardians and students are encouraged to utilize this information while working closely with school personnel to plan a four-year plan of study which will serve to meet the academic needs and accomplish the goals of the student. NOTE: Please consult our Student/Parent Handbook for outlines on graduation requirements.

In today's highly competitive and increasingly global economy, it is imperative that every student be equipped with the competencies needed to participate fully in a knowledge-based, technologically rich and culturally diverse society. A high-quality high school education is the springboard to a successful and rewarding future. By planning ahead for life's choices, a solid foundation is built. Therefore, students are encouraged to take the choices they make regarding high school very seriously. Every student should strive to high standards by taking a rigorous and well-rounded course load. Students and parents/guardians alike must realize that the high school transcript is the official record of every course taken in high school and will follow the student throughout their adult life.

Please become familiar with the information in this Guide and utilize it to make the most of the high school experience. Additional assistance in this regard is available through our school's Guidance Office.

THE CURRICULUM

For the past several decades, Lusher School has been in the vanguard of innovative and successful educational institutions in Louisiana. The school has implemented cutting-edge reforms in arts-based education, positive discipline programs, the latest neurological development and brain research, a systematic approach to literacy and numeracy instruction, extensive after-school programs, and a collaborative site-based leadership structure.

Innovative Scheduling to Allow More Student Choice

The Lusher High School curriculum exceeds the requirements put forth by the Department of Education of the State of Louisiana. Lusher High School runs an alternate day (A/B) block schedule with students scheduled into 4 blocks daily. This allows for a minimum of 8 elective credit opportunities out of a total of 32 credits—lots of time to delve into new art forms, specialized academic classes, and areas of concentration. The course work required for graduation is as follows:

Academic Area	Credits
English	4
Math	4
Science	4
Social Studies*	4
Foreign Language (Three years of same language)*	3
PE/Health	2
Computer Studies	1
Arts Electives*	2
Electives	8
Total	32 credits

**Effective as of Class of 2012*

COLLEGE PREPARATORY SEQUENCE OPTIONS

Department	Level One	Level Two	Level Three	Level Four	Level Five
English (4 credits required in high school)	English I	English II	English III or AP English Language & Composition	English IV or AP English Literature	Senior Project w/English Focus
Math (4 credits required in high school)	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Pre-Calculus or Algebra III	Algebra III or Pre-Calculus or AP Calculus AB or Prob.& Stat.	Senior Project w/ Math Focus
Science (4 credits required in high school)	Physics	Chemistry	Biology	AP Physics or AP Chemistry or AP Biology or Environmental Sc. or Physiology & Anatomy	Senior Project w/ Science Focus
Social Studies (4 credits required in high school)*	World Geography or AP Human Geography	Civics/Free Enterprise or AP Government & Politics (AP Civics)/Free Enterprise	U.S. History or AP U.S. History	AP European History or World History or AP Psychology	Senior Project w/History or Social Science Focus
Foreign Language (3 credits required in same language in high school)*	French I or Spanish I	French II or Spanish II	French III or Spanish III	French IV AP or Spanish IV AP	
Health (.5 credit required)					
Physical Education (1.5 credits required)					
Computer (1 credit required)					
Arts Electives (2 credits required in same art form)*					

Note: Students will have 8 additional credit opportunities at Lusher for other programs and electives.

*Effective for Class of 2012

<ul style="list-style-type: none"> • Area of Concentration • Certificate of Artistry • TULANE Early College Credit 	<p>Students must choose:</p> <p>Area of Concentration: (4+ electives in a single subject area) Humanities/Communications, Math/Science/Technology, Creative Writing, Dance, Theatre, Music, Visual Arts, Media Arts, Musical Theatre, Vocal Music</p> <p>Or</p> <p>Certificate of Artistry: (prescribed series of leveled courses in a single art form) Creative Writing, Dance, Theatre, Music, Visual Arts, Media Arts, Musical Theatre Vocal Music</p> <p>Students may choose:</p> <p>Early College Credit-Qualifying senior to take classes on Tulane University's campus</p>
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Area of Concentration

Research from the Southern Regional Education Board (SREB) shows that elective studies have a much larger impact if they are moderately focused around an area of student interest. At Lusher High School, all students must elect an Area of Concentration (AC) that will serve as a focus to elective studies. Each Area of Concentration consists of a minimum of 4 elective classes in a discipline, leaving students ample opportunity to explore other areas. Students choose their Area of Concentration from the following disciplines: math/science/technology, humanities, or the arts. Each elective offering at Lusher falls under one or more of these disciplines. A student may elect to study as many areas as his/her schedule allows. The course content at the Area of Concentration level of study is a concentrated in-depth study providing experiences beyond an introductory level. Within the arts, students may choose to go further with their study through placement auditions into a leveled [Certificate of Artistry program](#).

Area of Concentration Option:	
COURSES	MINIMUM CREDITS
English	4.0
Mathematics	4.0
Science	4.0
Foreign Languages (Three years of same language)*	3.0
Social Studies	4.0*
Health	0.5
Physical Education	1.5
Computer	1.0
Arts Electives (Two years of same art form)	2.0
Area of Concentration Electives	4.0
General Electives	4.0
TOTAL	32

**Effective as of Class of 2012*

Certificate of Artistry

The Certificate of Artistry (CA) program offers students intensive, in-depth knowledge and experience in a three-year-plus program of study. Students may choose to study in one of five disciplines: Creative Writing, Dance, Music, Theater or Visual Art. Students may choose to select more than one discipline, creating a multiple focus, however the study of more than one discipline will be contingent on the assessment of the student's work, maturity and faculty recommendations. Curriculum content and course studies are determined for each student based on a placement audition and/or portfolio assessment (to determine skill level). Typically, students will be scheduled for a placement audition after registration is completed. Quarterly progress reports along with formative and summative semester assessments will be scheduled to evaluate student progress. Year-end evaluation of a student's work, discipline, skill, creativity and faculty recommendations will determine retention and promotion to the next level of course study. Assessment criteria are based on the [National Standards for Arts Education](#).

STUDENTS ENTERING THE CA PROGRAM MUST AUDITION PRIOR TO ENROLLMENT.
Please contact the Main Office or the Department Chair for audition details and dates.

Certificate of Artistry Option:	
COURSES	MINIMUM CREDITS
English	4.0
Mathematics	4.0
Science	4.0
Foreign Languages (Three years of same language)	3.0
Social Studies	4.0*
Health	0.5
Physical Education	1.5
Computer	1.0
Certificate of Artistry courses	8.0 (1 credit will go towards the PE credit for all dance and theater students)
General Electives	2.0
TOTAL	32

**Effective as of Class of 2012*

Louisiana TOPS CORE CURRICULUM

UNITS	COURSES
4	English I, II, III and IV
1	Algebra I (one unit) or Integrated Mathematics I or Applied Algebra IA and IB (two units) or Algebra I-Parts and 2 (two units) or Applied Mathematics 1 and II (two units)
1	Algebra II or Integrated Mathematics II
1	Geometry, Calculus, Advanced Math I or II, Pre-Calculus, Probability and Statistics, Discrete Mathematics, Algebra III, Applied Mathematics III, Integrated Mathematics III or AP Calculus AB
1	Biology I or II
1	Chemistry I or II, or Chemistry Com
1	Earth Science, Environmental Science, Physical Science, Biology II, Chemistry II, Physics, Physics II, Physics for Technology, AP Physics C: Electricity & Magnetism, AP Physics C: Mechanics, or Agriscience I & II (two units)
1	Additional Math or Science: Geometry, Calculus, Advanced Math I, Advanced Math II, Pre-Calculus, Probability and Statistics, Discrete Mathematics, Algebra III, Applied Mathematics III, Integrated Mathematics III, AP Calculus AB, Biology II, Chemistry II, Physics, Physics II, AP Physics C: Electricity & Magnetism, or AP Physics C: Mechanics
1	American History
1	World History, Western Civilization, World Geography , or European History
1	Civics and Free Enterprise (one unit combined) or Civics (one unit) or AP American Government
1	Fine Arts Survey or 2 units of performance courses in music, dance, or theater or 2 units of studio art or 2 units of visual arts or Speech III & IV (two units) or 1 unit of an elective from among the other subjects listed in this core curriculum
2	Foreign Language (two units in the same language), or American Sign Language I & II
½	Computer Science I or II, Business Computer Applications, Computer Technology Literacy, Introduction to Business Computer Applications, or Computer Science Elective or Word Processing, Computer Multimedia Presentations, Desktop Publishing, Web Design, Telecommunications, Computer Applications, Computer Architecture, Computer Systems/Networking I, Digital Graphics and Animation, Multimedia Productions, Webmastering, Independent Study in Technology Applications, AP Computer Science A, AP Computer Science AB, Database Design and Programming, Java Programming, Database Programming with PL/SQL Training, Digital media I or II, Advanced Technical Drafting, or Computer Electronics I or II or ½ unit of an elective from among the other subjects listed in this core curriculum
17.5	UNITS**

** Beginning with the graduating class of 2008 and thereafter, an additional unit of advanced math or advanced science, for a total of 17.5 units, will be required. The additional unit must be from among the following: Geometry, Calculus, Pre-Calculus, Algebra III, Probability and Statistics, Discrete Mathematics, applied Mathematics III, Advanced Mathematics I, Advanced Mathematics II, Integrated Mathematics III, OR Biology II, Chemistry II, Physics, or Physics II.

For more information on the Louisiana's Tuition Opportunity Program for Students, "TOPS", call the Louisiana Office of Student Financial Assistance (LOSFA) at 800-259-5626, Ext. 1012 or visit their web site at www.osfa.state.la.us

LUSHER CHARTER SCHOOL

COURSE DESCRIPTIONS

2009-10

ENGLISH DEPARTMENT

English I Honors 1 year, 1 unit

Prerequisite: None

This course provides a beginning in literary analysis through written and oral composition. Students read a variety of genres of literature including short stories, poetry, novels and plays from a variety of American and worldwide authors. Written composition develops writing skills in response to literature, as well as skills in editing for mechanics, usage, and clarity. Oral composition develops students' skills in individual and group responses to literature. Group project work is a focus as students learn not only to work cooperatively, but to direct themselves in detailed literary analysis for the sake of researching, preparing and presenting. Formal vocabulary study enhances the students' use of the language in both written and oral composition, as well as preparing them for standardized testing situations.

English II Honors 1 year, 1 unit

Prerequisite: English I credit

This course provides challenging writing and speaking opportunities designed to develop each student's abilities in language arts as preparation for education beyond high school. Composition types, writing strategies and revision techniques are stressed as students strive to develop personal writing styles and voice. Language study and grammar reviews are integrated with oral and written assignments. Literature focuses on canonical world authors and critical analysis of their works.

English III Honors 1 year, 1 unit

Prerequisite: English II credit

At this level, students continue to refine writing and speaking skills using processes which illustrate logical and analytical thinking. Literature studies center on major American works. Research skills include the use of primary and secondary sources, the writing of a term paper, and annotating reports and papers.

Advanced Placement English Language and Composition 1 year, 1 unit

Prerequisite: "B" or above in English II, teacher recommendation from English II teacher/department approval.

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. This course prepares students for the AP exam in English Language and Composition.

English IV Honors 1 year, 1 unit

Prerequisite: English III credit

This course provides in-depth coverage of all communication skills. Students study representative pieces of British literature as unique reflections of the British experience in order to understand historical and contemporary issues. Students refine research and library skills to prepare themselves for post-secondary education.

Advanced Placement English Literature and Composition 1 year, 1 unit

Prerequisite: "B" or above in English III and teacher recommendation from English III teacher/department approval.

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative 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. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. This course prepares students for the AP exam in English Literature and Composition.

Speech 1 year, 1 unit

Prerequisite: None

This course is designed to introduce critical thinking and speaking skills through the study of forensic speaking, including extemporaneous speaking, oration, and interpretation of literature and debate. In addition, it will emphasize an understanding of various forensic speaking formats while applying reasoning, research, and delivery skills.

Author Study Honors 1 year, 1 unit

Prerequisite: English II credit

A study of a writer's writings in relation to themes including his/her concern with personal relationships and his/her representation of them in his/her novels. With its detailed focus on one author per semester, the course will enable students to study the ways in which themes and concerns appear and reappear through the body of a writer's work, within and across different genres.

Senior Project 1 year, 1 unit

Prerequisite: Senior Status

The purpose of the senior project is for students to identify emerging fields of interest, and then under faculty guidance develop a multifaceted, individualized project that will enable a course of sustained study in those fields. The project will yield multiple, substantive deliverables as evidence of that study, which will be conducted across one academic year. Where relevant, students will be strongly encouraged and directed to undertake a component of civic service as part of the project that will be integrated into the specific project's overarching objectives. The student's course of study will be monitored by the faculty project mentor, conducted with the consultation of a recognized expert in the field from outside of the Lusher community, and evaluated by a panel of at least two Lusher faculty members of the student's own choosing.

FOREIGN LANGUAGE DEPARTMENT**French I Honors** 1 year, 1 unit

Prerequisite: None

French I is an introduction to the French language and various francophone cultures. Emphasis is on listening, speaking, reading writing and culture. There is much oral practice with many personalized questions and a variety of classroom activities emphasizing personal expression. Students will perform the most basic functions of the reading and writing aspects of the language. A variety of media are used to introduce different aspects of French culture and civilization.

French II Honors 1 year, 1 unit

Prerequisite: French I credit

French II is a continuation of French I. Students enrolled in this course have either successfully completed the Level I course at the high school or at the middle school or have placed out of Level I due to previous language study at the elementary and/or middle grades. The course covers increased oral accuracy, vocabulary development, grammatical structure, reading, writing, civilization, and culture. These objectives will be reinforced through increased use of the French language. Students continue to develop multicultural awareness.

French III Honors 1 year, 1 unit

Prerequisite: French II credit

In Level III an increasing integration of the four language skills is stressed. Students initiate and maintain face-to-face communication. Continued emphasis is placed on reading, examination of other cultures, and integration with other disciplines.

Advanced Placement French Language 1 year, 1 unit

Prerequisite: "B" or above in French III and teacher recommendation from French III teacher/department approval.

This class seeks to further develop aural comprehension, speaking proficiency, reading, composition and grammar skills, emphasizing vocabulary acquisition and the use of French for active communication. The students will put these skills into practice while exploring the history, arts, literature, culture and current events in the French-speaking world. Special training in how to take the AP French Language exam is part of this course. Students who are successful on the AP exam may receive college credit or be considered for advanced placement at the university level. This is a college level course. All instruction is in French. This course prepares students for the AP exam in French Language.

Spanish I Honors 1 year, 1 unit

Prerequisite: None

This course is an introduction to the Spanish language with an emphasis on speaking, pronunciation, and the fundamentals of Spanish grammar. The course is taught mainly from an oral standpoint, therefore, the class spends some time mastering vocabulary. Students will begin to read and write what they can already understand and say. Cultural similarities as well as differences between the Spanish-speaking countries and the United States are studied.

Spanish II Honors 1 year, 1 unit

Prerequisite: Spanish I credit

Spanish II is a continuation of Spanish I with increased emphasis on reading, writing, and culture. The grammar is more complicated than in Spanish I. After the various tenses are introduced, the students undertake simple readings in Spanish.

Spanish III Honors 1 year, 1 unit

Prerequisite: Spanish II credit

This course is an introduction to literature and history of Spanish-speaking countries. Oral proficiency continues to be a major focus with increased emphasis on the in-depth study of the many target cultures represented in the Spanish-speaking world. Spanish is the major language used for instruction in this course.

Advanced Placement Spanish Language 1 year, 1 unit

Prerequisite: "B" or above in Spanish III and teacher recommendation from Spanish III teacher/department approval.

This course is intended for students who wish to develop proficiency and integrate their language skills using authentic materials and sources. The course will help prepare students to demonstrate their level of proficiency across three communicative modes: interpersonal, interpretive and presentational, as well as five goal areas: Communication, Cultures, Connections, Comparisons and Communities. Spanish Culture, arts, current events, and literature are emphasized. Lessons are supplemented with outside readers, readers, magazines, periodicals, movies, internet-based activities, power point presentations and mass media. Students also train on the integration of language skills and in synthesizing written and aural materials as an integral part of instruction. Students who are successful on the AP Exam may receive college credit or advanced placement at the university level. Special instruction on AP test taking is included in this course. All instruction is in Spanish in this college level course. This course prepares students for the AP exam in Spanish Language.

Latin I 1 year, 1 unit (LVS)

Prerequisite: None

Latin I is an introduction to the study of the Latin language and ancient Roman culture. In this course students will learn the elements of grammar typically covered in first year Latin including case usage and the present, imperfect and perfect tenses. Students will also use a variety of resources to learn about certain aspects of Ancient Rome.

Italian III 1 year, 1 unit

Prerequisite: Italian II credit

The four skills of listening, reading, writing and speaking will be practiced with particular emphasis on speaking the target language as much as possible. The student will learn to use more complex grammatical structures and more sophisticated vocabulary and idiomatic expressions. The goal is for the student to be able to engage in conversations about everyday life as well as to express opinions and thoughts about more abstract concepts. The student will learn to speak comfortably in various past tenses and will continue the study of culture, art and history in more details and with personal research. Vocabulary enrichment will be fostered through the study of the textbook, magazines and newspaper articles, classroom conversation and written compositions. Topics will be related to real life situations and there will be an opportunity for language practice in authentic settings.

SOCIAL STUDIES DEPARTMENT**Advanced Placement Human Geography** 1 year, 1 unit

Prerequisite: "B" or higher in previous Social Studies class and teacher recommendation from current social studies teacher/department approval.

Advanced Placement Human Geography introduces the student to the systematic study of the world's countries and cultures. Students are exposed to the study of population-demographic patterns and relationships, cultural patterns and processes, and political organization of space. Students further learn about agriculture and rural land use, industrialization and economic development, and cities and urban land use. This course prepares students for the AP exam in Human Geography.

Advanced Placement European History (LVS) 1 year, 1 unit

Prerequisite: minimum 3.0 GPA, American History credit, minimum score of 19 on the ACT and teacher recommendation from current social studies teacher/department approval.

This course is intended for qualified students who wish to complete classes in high school that are equivalent to college introductory courses in European History. This is a year-long virtual school course covering history from the Renaissance period to the present. The AP European History course is challenging, requires more work than other high school courses, and makes demands upon students equivalent to those made by full-year introductory college courses. To enjoy success students must be committed to working hard. The course is designed to 1) give a broad knowledge base of the history of Europe sufficient enough to feel prepared to take the Advanced Placement exam in early May, 2) Appreciate the political, economic, social and intellectual cross-currents in the social sciences and 3) provide an enhanced understanding, through the study of contemporary events, of the role that European nations still play in today's world. Students will be required to read the text and outside materials to enhance their knowledge of European history. In addition to assigned readings students will be required to create PowerPoint presentations, write research papers as well as complete other types of assignments. Students are required to participate in an electronic discussion board on a daily basis. This course prepares students for the AP exam in European History.

United States History 1 year, 1 unit

Prerequisite: None

This course introduces students to the development, progression, and interconnectedness of ideas and events in the United States. Beginning with the Age of Discovery, the course moves rapidly through the era of colonization, the American Revolution, and the task of nation building. Continuing through the Civil War, Reconstruction, and the Industrial Revolution, the course investigates the United States' role in world affairs, international trade and diplomacy during the late nineteenth and throughout the twentieth century.

Advanced Placement United States History 1 year, 1 unit

Prerequisites: "B" or higher in present social studies course and teacher recommendation from current social studies teacher/department approval.

This college level course provides an intensive search for the answer to the question of how America has become the distinct nation that it is today. Students are continually challenged to develop various perspectives, even as they are expected to become familiar with objective factual history. Over time, they are encouraged to improve their abilities to synthesize information and express their opinions persuasively both on paper and in person. This course prepares students for the AP exam in United States History.

World Geography 1 year, 1 unit

Prerequisite: None

The course develops an awareness of place; develops locational skills and understanding; explores the interaction of humans and their environment; analyzes human movement; and develops an understanding of world regions and their cultural, economic, and political characteristics.

Civics 1 semester, .5 unit

Prerequisite: None

Civics is an introduction to the structure, philosophy, and history of the United States government. Students examine theories of government, the Constitution and its development, the role of citizens in American government, and the workings of the three branches of government. The course emphasizes writing, critical thinking, and current events.

Free Enterprise 1 semester, .5 unit

Prerequisite: None

The course will enable the student to use economic concepts in a reasoned, careful manner in dealing with the personal, community, and national economic issues students confront or will confront.

Advanced Placement United States Government and Politics/Free Enterprise 1 year, 1 unit

Prerequisites: "B" or higher in present social studies course and teacher recommendation from current social studies teacher/department approval.

This course is offered as a year-long class in concert with Free Enterprise (See course description above). The American political system is examined from its foundation to the present. The course will develop an understanding of the function of the levels of government, the democratic process, and contemporary issues. Throughout the course, the role of the individual and the ideals of democracy will be emphasized. This course prepares students for the AP exam in United States Government and Politics.

World History 1 year, 1 unit

Prerequisite: None

This course is a general survey of the major events and developments of world history. This course covers the major time periods of classical, medieval and modern eras. Major movements in social, economic, and political systems will be discussed.

Advanced Placement Psychology 1 year, 1 unit

Prerequisites: "B" or higher in present social studies course and teacher recommendation from current social studies teacher.

Advanced Placement Psychology introduces the student to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students further learn about the methods psychologists use in their science and practice. This course prepares students for the AP exam in Psychology.

ARTS DEPARTMENT

Film Studies Elective 1 year, 1 unit

Prerequisite: 11/12-grade status

This class will serve as a survey of the history, industry, and art of film, and introduce the students to critical and theoretical approaches to this popular media. This class will NOT just be about watching movies; students will have extensive readings, and will be tested on theoretical and historical knowledge. Students will also have many writing exercises during the quarter, and one major essay or presentation to complete every quarter. We will use *Film Art* by David Bordwell and Kristin Thompson, as the class text.

1st Quarter –Introduction to concepts in Film Studies

2nd Quarter—Topics in Film Studies (Auteur Theory, Cultural Studies, Non-Fiction Film)

3rd Quarter—A Brief Overview of Film History

4th Quarter—One Extended Topic in Film (i.e., “Teens, Films, and Teen Films”)

Introduction to Media Arts Elective 1 year, 1 unit

Prerequisite: None

This course will introduce students to some of the basic tools of Media Arts. The class will be heavily project-centered, and cover the following units throughout the year, progressing from still images in isolation and in concert, to images in sequence, and finally to three dimensional images and/or images in time combined with sound:

1st Unit: Adobe Photoshop and Image-Manipulation

2nd Unit: Comics and Sequential Images

3rd Unit: 3D Images (Sketch-Up) OR Sound Projects

4th Unit: Images in Time/Video Editing (Photo Story and iMovie)

Dance Fitness Elective 1 year, 1 unit

Prerequisite: None

Using hand weights, physioballs, therabands, and our bodies we will explore strength & stamina building, balance, focus and breath control. We will be running, lifting, crunching, sweating, dancing and relaxing (yes, relaxing). We will also discuss whole body health (consumption, rest, social and psychological well-being).

Hip Hop Dance Elective 1 year, 1 unit

Prerequisite: None

This class is designed to promote body awareness, endurance and musicality but also stage presence and projection. Students will be led through a technique based warm-up, core strengthening exercises and musicality before moving into progressions and various combinations with a hip-hop flair. Great class for both beginners and intermediate dancers. Also for theatre and dance students, beginner through advanced.

Yoga Elective 1 year, 1 unit

Prerequisite: None

Students will learn and move through a series of yoga postures designed to improve flexibility, increase strength and stamina, and deepen the mind/body connection. Each class culminates in a relaxation/meditation session that calms the body, reduces stress, and centers awareness. For all ages freshman through seniors.

Chorus Elective 1 year, 1 unit

Prerequisite: None

This class will be a performing ensemble for the choral music program. We will study choral singing technique as well as the history and characteristics of many styles of classical and contemporary music.

Songwriting for Piano and Guitar Elective (Beginning-Advanced) 1 year, 1 unit

Prerequisite: None

This course will cover the history of songwriting trends, focusing primarily on popular music in the 20th century. In this course, you will learn how to read and write music notation as well as how to compose and arrange your own music. Some guitar, piano or singing experience is preferred, but not necessary.

Composing and Arranging for Instruments Elective 1 year, 1 unit

Prerequisite: Consent of instruction.

This course will cover the basics of composition and arranging including orchestration and part writing. Some musical experience required with consent of instructor.

Visual Arts Elective 1: 2-Dimensional Design / Visual Thinking 1 year, 1 unit

Prerequisite: None

This course is grounded in the basics of two-dimensional design and visual thinking. Students will learn about the characteristics and possibilities of the visual elements (line, shape, value, texture, color, and the illusion to space). They will also learn how to apply design principles (compositional strategies) when using the visual elements. They will learn the relevant design vocabulary to critically communicate about works of art. They will explore a variety of media, materials and processes throughout the course.

Visual Arts Elective 2: 3-Dimensional Design/Visual Thinking 1 year, 1 unit

Prerequisite: Visual Arts 1 credit

This course is grounded in the basics of three-dimensional design and visual thinking. Students will learn about the characteristics and possibilities of the visual elements in relation to the sculptural world (line, form, value, texture, color and mass). They will also learn how to apply design principles (compositional strategies) when using the visual elements in actual space. They will learn the relevant design vocabulary to critically communicate about works of art. They will explore a variety of sculptural media, materials and processes throughout the course.

Art History Elective 1 year, 1 unit

Prerequisite: None

This is a chronological survey of Western art from the beginnings of civilization to the present. Students will be exposed to the rich history of the time periods studied and the art and music that are representative of the era. This class does include some study of art outside the Western Perspective including: Near Eastern Art; Egyptian Art; the art of China, Korea, and Japan; African Art; Islamic Art; Australian Indigenous and Native American Art.

Creative Writing High School Elective 1 year, 1 unit

Prerequisite: None

This writing course will allow students interested in creative writing to explore a variety of genres which may include poetry, fiction, non-fiction and dramatic writing. The emphasis will be on technique and imagination, in a class offering one-on-one and group feedback and critique.

Creative Writing Advanced High School Elective 1 year, 1 unit

Prerequisite: None

This course is intended for students who have already taken Creative Writing 1 (other upper level students may apply on a case-by-case basis). Students will engage in a year-long college-style writing class, centered on peer workshops of student work and a moderate amount of literary and film discussion.

Theater Intro Elective 1 year, 1 unit

Prerequisite: None

This course is an introduction to Theater Arts from the ancients to Broadway. We not only examine the history but also produce two original plays in class with an invited audience. This includes writing the script, directing, stage-managing, acting, designing costumes and building the set.

Theater II Elective 1 year, 1 unit

Prerequisite: Theater Intro credit

This course is an intermediate level course of Theater Arts from the ancients to Broadway. We not only examine the history but also produce two original plays in class with an invited audience. This includes writing the script, directing, stage-managing, acting, designing costumes and building the set.

Theater Stagecraft Elective 1 year, 1 unit

Prerequisite: None

This course is an introduction to the art of stagecraft. We explore all aspects of theatrical production including scenic painting, carpentry, costume construction and design, lighting of stage as well as sound. The class functions as the building crew for the Lion's Gate Theater main stage productions as well as for the Middle School productions.

CA Creative Writing Level I 1 year, 2 units

Prerequisite: Beginning creative writing student who has successfully auditioned.

For most students, this is the first step toward completing the requirements for the certificate of artistry. Students study and write poetry (first and fourth quarters) and short fiction and nonfiction (second and third quarters), with an emphasis on developing fundamental writing and critical skills; they study novels throughout the year, approximately three per quarter. By the end of the course, through reading, discussion, a developmental progression of writing activities, critique, and revision, students will learn and demonstrate:

- fundamental poetry writing skills, including a competent understanding of imagery; figurative language; rhythm; musical devices; the line; structure and development; tone; and various imaginative modes such as persona poems, ekphrastic poems, and prose poems;
- fundamental fiction writing skills, including a competent understanding of characterization techniques and the importance of character in short fiction; narrative modes and voice; plot; prose style; tone; and non-traditional stories (e.g., flash fiction, experimental fiction);
- fundamental critical reading skills, through discussion, quizzes and essay tests on poetry, short fiction, and novels. Readings will comprise a wide range of American and international works, mostly 20th century, to introduce students to a variety of significant and stimulating literature and to progressively challenge their intellectual and aesthetic sensibilities. In order to develop their critical skills as viewers and to expose them to another art form, students will also study film, learning basic film terms and taking quizzes on a wide range of films.

CA Creative Writing Level II 1 year, 2 units

Prerequisite: Successful completion of CA Creative Writing Level I (including passing the exit exam) and recommendation for advancement, or for the exceptional student whose audition demonstrates the artistic and intellectual achievement and maturity necessary to pursue advanced study in creative writing. For most students, successful completion of this course is the second step toward fulfilling the requirements for the certificate of artistry.

By the end of the course, through reading, discussion, a developmental progression of writing activities, critique, and revision, students will learn and demonstrate:

- advanced poetry writing skills, including a competent understanding of prosody; writing formal verse, including blank verse, sonnets, villanelles, and sestinas; and writing in imaginative modes such as the dramatic monologue;
- advanced fiction writing skills, partially derived from advanced study of major works of fiction, primarily Anglo-American and European, but possibly including units on fiction from Russia, Japan, Latin America, or other cultures; refinement of and experimentation with technique in order to further understand the possibilities of form and style in fiction;
- advanced critical reading skills, through discussion, presentations, essay tests, and a critical paper on literature or film;

- advanced film studies, through close study of works by individual directors (e.g., Alfred Hitchcock, Samuel Fuller), of particular genres (e.g., film noir, the Western), and/or of works from particular countries or regions (e.g., Italian cinema, Hong Kong cinema);
- editing skills derived from experience producing a literary magazine.

CA Creative Writing Level III 1 year, 3 units

Prerequisite: Successful completion of Level II and recommendation for advancement. Students cannot place into Level III via audition.

The course of study for Level III is identical to Level II with the addition of the following independent study and other requirements to complete the additional credit:

- A year-long independent study, designed in consultation with the faculty, to culminate in a critical paper (and other work, if appropriate to the project). This project can be a study of one author's work; a study of selected works by authors whose work is related; a study of literature of a particular period or genre; or an interdisciplinary project that includes significant study of literature. Progress will be monitored through frequent conferences with the faculty.
- A final written exam on fiction and poetry.
- A final oral exam on books selected by the student in consultation with the faculty.
- A creative thesis of at least 25 pages of publishable work, and an oral thesis defense.

CA Creative Writing Level IV length of course to be determined according to curriculum designed for each student, 1 unit

Prerequisite: Senior status, successful completion of Level III and all requirements for the certificate of artistry.

This is an independent course of study designed by the student to achieve specific goals as an artist, with the faculty closely monitoring and assessing his or her progress. Possibilities could include: advanced interdisciplinary projects (e.g., writing and performance of a play or libretto); literary translation; advanced writing projects (e.g., a novel, or a substantial long poem or sequence of poems); publishing projects, including internship at a literary magazine. The student, in consultation with the faculty, will write a detailed course of study; completion of the project will include a final written assessment, an appropriate presentation (e.g., performance, final draft of written work), and an oral defense. Upon completing Level IV, the student will receive a Certificate of Artistic Distinction.

Note: The faculty may recommend that some students who reach Level II in their sophomore or junior years wait to complete the certificate requirements until their junior or senior years, in order that they have a chance to grow more fully as writers, readers and thinkers before taking on these responsibilities. This may take the place of a Level IV collaboration or be structured in tandem with it—for example, the collaboration could be presented as part of the student's creative thesis work.

CA Dance Level I 1 year, 2 units

Prerequisite: CA Dance audition placement

Technique Track: Ballet, Modern, Health & Fitness

Creative Track: Comp and Improv I, Cross training seminar (theater/music)

Extracurricular: Jazz/Tap, Rhythmic Analysis, Aesthetics

CA Dance Level II 1 year, 2 units

Prerequisite: CA Dance audition placement or successful completion of CA Dance Level I

Technique Track: Ballet, Modern, Health & Fitness

Creative Track: Comp and Improv II, Cross training seminar (visual arts/mus. theater)

Extracurricular: Jazz/Tap, Dance History

CA Dance Level III 1 year, 2 units

Prerequisite: CA Dance audition placement or successful completion of CA Dance Level II

Technique: Ballet, Modern, Health & Fitness

Creative Track: Comp III/mixed media, Cross training seminar (academic collaboration)

Extracurricular: Jazz/Tap, Dance History/Criticism

CA Dance Level IV 1 year, 2 units

Prerequisite: Successful completion of CA Dance Level III

Students create their own study plan in areas including costume design/construction, lighting design, videography, senior choreography, career management, teaching, cross-curricular collaborations or anything in the student's interest the faculty is able to accommodate.

CA Music Level I 1 year, 2 units

Prerequisite: Audition placement

Large Ensemble (Band or Strings, 3days/week)

Music Theory I (2 days/week)

Class Piano (2 days/week)

Elective: Class Guitar (2 days/week)

CA Music Level II 1 year, 2 units

Prerequisite: Successful completion of CA Music Level 1 or audition placement

Large Ensemble (Band or Strings, 3days/week)

Music Theory II (2 days/week)

Music Literature (1 day/week)

Class Piano (2 days/week)

Elective: Class Guitar (2 days/week)

CA Music Level III 1 year, 2 units

Prerequisite: Successful completion of CA Music Level 2

Large Ensemble (Band or Strings, 3days/week)

Music Theory III (2 days/week)

Class Piano / Intro to Music Technology (2 days/week)

Intro to Western Music History (1 days/week)

CA Music Level IV 1 year, 2 units

Prerequisite: Successful completion of CA Music Level 3

Large Ensemble (Band or Strings, 3days/week)

AP Music Theory (3 days/week)

Class Piano (2 days/week)

Intro to Composition and Arranging (1 days/week)

CA Theater Level I 1 year, 2 units

Prerequisite: Placement audition

Basics in Stage Voice, Stage movement and Dramatic history and literature. Dramatic Literature and History- Examines the origins and development of Drama from ancient times to present day. During a three -year course of study, students read, discuss and explore through dramatic activity, the historical background and theatrical style of some of the world's major playwrights. Level one will examine the origins of dramatic ritual, classical Greek, Roman as well as Medieval theatre. Movement-Focuses on clarity of movement, flexibility, physical control and endurance. Voice-Students will discover and utilize the breathing techniques and articulation exercises necessary to produce a strong, articulate stage voice. Improvisation-Students study theatre games from *Improvisation for the Theatre* by Viola Spolin. Stagecraft for Actors-Students learn the mechanical skills necessary to create scenic properties for stage productions. Acting Styles-Acting styles exposes the student to different cultures and ways of thought, geography, and history (i.e. Greco Roman, Shakespeare, Comedy of Manners, Modern). Acting Theory- Students will utilize performance activities to explore literature from an actor's point of view.

CA Theater Level II 1 year, 2 units

Prerequisite: Successful completion of CA Theater Level I or placement audition.

Intermediate development in Stage Voice, Stage movement and Dramatic history and literature. Dramatic Literature and History-Examines the origins and development of Drama from ancient times to present day. During a three -year course of study, students read, discuss and explore through dramatic activity, the historical background and theatrical style of some of the world's major playwrights. Level two will pursue an in depth study of theatre literature and history from the Renaissance era to the 1800's. Continued study in the areas of: Movement-Focuses on clarity of movement, flexibility, physical control and endurance. Voice-Students will discover and utilize the breathing techniques and articulation exercises necessary to produce a strong, articulate stage voice. Improvisation-Students study theatre games from *Improvisation for the Theatre* by Viola Spolin. Stagecraft for Actors-Students learn the mechanical skills necessary to create scenic properties for stage productions. Acting Styles-Acting styles exposes the student to different cultures and ways of thought, geography, and history (i.e. Greco Roman, Shakespeare, Comedy of Manners, Modern). Acting Theory- Students will utilize performance activities to explore literature from an actor's point of view.

CA Theater Level III 1 year, 2 units

Prerequisite: Successful completion of Level II.

Advanced development in Stage Voice, Stage movement and Dramatic history and literature. Dramatic Literature and History-Examines the origins and development of Drama from ancient times to present day. During a three -year course of study, students read, discuss and explore through dramatic activity, the historical background and theatrical style of some of the world's major playwrights. The third year is devoted to playwrights and historical movements of the modern era. Continued study in the areas of: Movement-Focuses on clarity of movement, flexibility, physical control and endurance. Voice-Students will discover and utilize the breathing techniques and articulation exercises necessary to produce a strong, articulate stage voice. Improvisation-Students study theatre games from *Improvisation for the Theatre* by Viola Spolin. Stagecraft for Actors-Students learn the mechanical skills necessary to create scenic properties for stage productions. Acting Styles-Acting styles exposes the student to different cultures and ways of thought, geography, and history (i.e. Greco Roman, Shakespeare, Comedy of Manners, Modern). Acting Theory- Students will utilize performance activities to explore literature from an actor's point of view.

CA Theater Level IV 1 year, 2 units

Prerequisite: Successful completion of Level III.

Individual project - Students utilize their training to create a staged performance of their own.

CA Visual Arts Level I 1 year, 2 units

Prerequisite: Placement audition

2-Dimensional Studies/Drawing from Observation (2 days a week all year), Group Critique (1 day a week all year), Rotation Courses (2 days a week for 9-weeks, 4 rotations per year), 3-D Design, Introduction to Printmaking, Art Topics, Introduction to Digital Imaging.

CA Visual Arts Level II 1 year, 2 units

Prerequisite: Placement audition or successful completion of CA Visual Arts Level I.

2-Dimensional Studies/Painting from Observation (2 days a week all year), Group Critique (meets 1 day a week all year), Rotation Courses (meets 2 days a week for 9-weeks, 4 rotations per year), Sculpture, Printmaking, Digital Photography, Art History Survey: Prehistory through Contemporary.

CA Visual Arts Level III 1 year, 2 units

Prerequisite: Successful completion of CA Visual Arts Level II.

Studio Focus (student chooses 2 areas: Drawing, Painting, Sculpture, Digital Imaging, Printmaking, Cross Discipline, Other) (3 days a week all year), Group Critique (1 day a week all year), Portfolio Prep: university research / portfolio & application prep / (1 day a week all year).

CA Visual Arts Level IV 1 year, 2 units

Prerequisite: Successful completion of CA Visual Arts Level III.

Concentration (student chooses 2 areas: Drawing, Painting, Sculpture, Digital Imaging, Printmaking, Cross Discipline, Other) (3 days a week all year), Group Critique (1 day a week all year), Portfolio/Exhibition Prep: exhibition prep / self promotion / advanced placement prep (1 day a week all year).

MATHMATICS DEPARTMENT

Algebra I 1 year, 1 unit

Prerequisite: None

This course introduces important algebraic concepts and their applications while developing logical thinking. The textbook is designed to help students build their critical thinking and problem solving skills through the study and exploration of various algebraic topics. Topics of study include a review of operations with signed numbers followed by analysis of polynomials, simplification of radicals, graphing techniques for equalities and inequalities as well as systems of equations. Students will develop an understanding of the use of algebra as a language and be able to apply this knowledge to problem solving situations. Throughout this course, a focus will be placed on expressing mathematical concepts orally, in writing, or through the use of symbols, models, tables or graphs.

Geometry Honors 1 year, 1 unit

Prerequisite: Algebra I credit

Geometry stresses inductive and deductive reasoning. Throughout this course, students will understand and appreciate the interdependence of Geometry and Algebra. Students will use theorems, postulates, and definitions along with reasoning skills to verify theorems involving basic geometric shapes. The course will include a thorough study of both plane and solid geometric applications such as the study of distance, area, and volume. Topics will include angles, congruence and similarity, direct and indirect proofs, geometric inequalities, parallel and perpendicular lines. Precise geometric notation is emphasized.

Algebra II Honors 1 year, 1 unit

Prerequisite: Algebra I credit and Geometry credit (or concurrent enrollment in Geometry with department approval).

Algebra II reviews and extends the topics studied in Algebra I. Students are introduced to rational exponents, complex numbers, functions and relations, logarithms, conic sections, operations with matrices and determinants. The student will also study quadratic equations, higher degree polynomial equations, and systems of equations and their graphs. Graphing calculators are utilized throughout this course, placing an emphasis on problem solving and real world applications. Introductory topics of trigonometry are studied as time permits.

Algebra III Honors 1 year, 1 unit

Prerequisite: Algebra II credit

Algebra III is designed for students who have successfully completed Algebra II. This course will enhance the higher level thinking skills developed in Algebra II through a more in-depth study of those concepts and exploration of some pre-calculus concepts. Students in Algebra III will be challenged to increase their understanding of algebraic, graphical and numerical methods to analyze, translate and solve quadratic, polynomial, rational, exponential and logarithmic functions. Modeling real world situations is an important part of this course. Sequences and series will be used to represent and analyze real world problems and mathematical situations. Algebra III will also include a study of trigonometric functions, right triangles, and oblique triangles.

Pre-Calculus Honors 1 year, 1 unit

Prerequisite: Algebra II credit

This course is a study of pre-calculus concepts where technology and algebra are used as tools to solve real-life problems. The textbook is designed to help students build their critical thinking and problem solving skills through the discovery and exploration of various pre-calculus topics while integrating graphing technology. Topics covered in this course include a thorough investigation of polynomial and transcendental functions and their inverses, analytic trigonometry and geometry, sequences and series, operations with matrices, linear systems, and an introduction to limits if time permits.

Advanced Placement Calculus AB 1 year, 1 unit

Prerequisite: Pre-Calculus credit and a "B" or higher in present math course and teacher recommendation from current math teacher/department approval.

Advanced Placement Calculus is a rigorous college level course intended to prepare students for the Advanced Placement Calculus AB exam. This course is designed to provide students with a learning experience equivalent to that of a college course in single variable calculus. The course develops students understanding of the concepts of calculus and provides experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically and verbally, with the connections among these representations highlighted.

Probability and Statistics Honors 1 year, 1 unit

Prerequisite: Algebra II credit

This course includes an introduction to the concepts of probability and statistics. Course content includes: design, conduct and experiment; random sampling; graphic results; technology to organize and analyze data; validity of sampling in a study; predictions of outcomes; relationship of data using correlations and regression; calculate probability and odds; perform an experiment and generalize its results to an entire population; draw and justify a conclusion regarding validity of probability or statistical argument.

Advanced Math I 1 year, 1 unit (LVS)

Prerequisite: Geometry credit and Algebra II credit

Advanced Mathematics I is designed to meet the needs of students who wish to extend their knowledge of mathematics or who intend to enroll in calculus or college algebra. The course is divided into two major areas of study, Trigonometry and Advanced Algebra, which are addressed in different course sections. Topics will include modeling and the study of behaviors of relations, functions, and inequalities. Emphasis will be placed on understanding graphs, data analysis, and problem solving. The use of technology will enhance understanding of the subject and facilitate teacher-to-student and student-to-student interaction.

SCIENCE DEPARTMENT**Physics First Honors** 1 year, 1 unit

Prerequisite: None

Physics is the most fundamental of the sciences. Through close examination of everyday phenomena we explore the close relationship between matter, motion, and energy. Topics include: Newton's laws of motion, freely falling bodies, projectiles, acceleration and force; thermodynamics-pressure and heat; relativity; the bizarre nature of space- time; wave, light and sound.

Chemistry I Honors 1 year, 1 unit

Prerequisite: Physics credit

This course is designed to provide the student with an understanding of chemistry as a physical science and the role that chemistry plays in society. Included is the study of atomic and molecular structure; the mole; chemical properties of elements and compounds; acids and bases; and, chemical bonding. The laboratory program enables students to gain a deeper understanding of the nature of chemistry.

Biology I Honors 1 year, 1 unit

Prerequisite: Physics First credit and Chemistry I credit.

Biology I provides a study of the structures and functions of living organisms and their interactions with their environment through regular laboratory and field investigations. At a minimum, this two-semester course explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have opportunities to gain an understanding of the history of the development of biological knowledge, explore the uses of biology in various careers, and cope with biological questions and problems related to personal needs and social issues.

Environmental Science Honors 1 year, 1 unit

Prerequisite: Physics First credit and Chemistry I credit.

The Environmental Science curriculum focuses on the function of Earth's systems. Emphasis is placed on matter, energy, plate tectonics, origin and evolution of the earth and solar system, environmental awareness, materials availability, and the cycles that circulate energy and material through the earth system.

Anatomy and Physiology Honors 1 year, 1 unit

Prerequisite: Physics First credit and Chemistry I credit.

This course examines the structure and function of the human body from the cellular through the body system level, with special attention to the biochemical processes involved in cellular activity. Students will apply biological principles to their anatomy and physiology studies and employ the scientific method in research activities. Medical terminology will be a major course emphasis. This challenging course is designed for students planning on a career in some aspect of the health sciences.

Astronomy Honors 1 year, 1 unit

Prerequisite: None

The underlying principles of life, earth, and physical science are integrated in this study of the universe. Historical astronomy, the solar system, comets, constellations, extraterrestrial life, and the evolution of stars are the major topics of study. Observational astronomy skills and critical thinking are fostered through the use of laboratory and field activities.

Advanced Placement Physics C: Mechanics 1 year, 1 unit

Prerequisites: "B" or above in Physics First, Chemistry, and Biology, completion of or concurrent enrollment in Calculus, and teacher recommendation from current science teacher/department approval.

The AP Physics C: Mechanics course provides students with a learning experience equivalent to that of a semester-long, calculus-based college course in physics that includes a laboratory component. The course is devoted to Newtonian mechanics. Introductory differential and integral calculus is used throughout the course and on the AP Physics C: Mechanics Exam. The course utilizes guided inquiry and student-centered learning to foster the development of critical thinking skills. This course prepares students for the AP Physics C: Mechanics exam.

Advanced Placement Chemistry II 1 year, 1 unit

Prerequisites: "B" or higher in Chemistry I and teacher recommendation from current science teacher/department approval.

Advanced Placement Chemistry is equivalent to a two-semester college chemistry course. Topics include atomic and molecular structure descriptive inorganic and organic chemistry, stoichiometry, thermodynamics, chemical kinetics, electrochemistry, the chemistry of aqueous solutions, and basic techniques of qualitative analysis. This course prepares students for the AP Chemistry exam.

Advanced Placement Biology II 1 year, 1 unit

Prerequisites: "B" or higher in Biology I and teacher recommendation from current science teacher/department approval.

Advanced Placement Biology is equivalent to a two-semester college biology course that includes eight major themes: science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and science, technology, and society. This course prepares students for the AP Biology exam.

Environmental Science I 1 year, 1 unit

Prerequisites: Physics First credit

Students learn the scientific principles, concepts, and methodologies required to understand the environment, to evaluate the relative risk associated with environmental problems, and to examine alternative solutions for resolving and/or preventing environmental damage. Laboratory and field investigations provide opportunities to investigate concepts and principles that are introduced in the classroom.

COMPUTER STUDIES DEPARTMENT

Computer Science I 1 year, 1 unit (LVS)

Prerequisite: Algebra I credit

Computer Science I is full-year elective designed for students interested in studying the structure and power of a programming language. This course will use Java as the computer language in which object oriented programming and design will be introduced. A brief overview of the development, design and functionality of a computer will be included, but this is basically a course in problem solving. Logical solution structure in terms of program development will be emphasized. Topics such as data manipulation, decision statements, repetition, and array structure will be covered. Group work will be incorporated, providing students an opportunity to interact with classmates.

Computer Studies 1 year, 1 unit

Prerequisite: None

Computer Studies will promote the integration of computers into student learning. It is an academic-oriented course emphasizing the students' ability and willingness to use computer technology as a learning and productivity tool. The themes provide learning experiences that link knowledge, skills and attitudes with real-life situations.

Game Design I 1 year, 1 unit (LVS)

Prerequisite: None

This course is for anyone who loves gaming and wants to design and build original games from scratch. You'll learn how to use popular game design software to create engaging, interactive games in a variety of genres. In addition, you'll get a solid foundation in the basic concepts of game development. By the end of this course, you will have a variety of polished games for your game development portfolio.

PHYSICAL EDUCATION DEPARTMENT

Physical Education I 1 semester, .5 unit

Prerequisite: None

The purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on health and wellness. Students improve their fitness within the class and learn the process of becoming fit.

Health 1 semester, .5 unit

Prerequisite: None

Health instruction provides the student with learning experiences to empower them to engage in and value the importance of healthy lifelong practices.

Physical Education II 1 year, 1unit

Prerequisite: None

Students are exposed to a variety of exercises that promote health and fitness.

GLOSSARY

Advanced Placement (AP) – Advanced Placement courses are equivalent to introductory college courses. Each course follows a nationally standardized curriculum and content cannot be altered or modified. Taking rigorous AP courses demonstrates the student's maturity and commitment. All students who are willing to accept the challenge of a rigorous academic curriculum will be considered for admission to these courses. In addition to the regularly scheduled class, students may be selected to meet with the teacher in small groups for additional sessions. Because of the rigorous nature of these courses, students may wish to limit the number of AP courses they select in any given semester or school year. **Every student who takes an Advanced Placement class is expected to take the Advanced Placement examination administered in May.** The fee for each exam is \$86. In the case of hardship, a student may request from the principal a reduction in fee/waiver. AP exam grades can earn credit, placement or both at colleges and universities in the US and around the world. For more information visit the College Board's website at www.collegeboard.com.

Louisiana Virtual School(LVS) -The [Louisiana Department of Education](http://www.louisiana.gov) in partnership with [The Louisiana School for Math, Science, and the Arts](http://www.louisiana.gov) provides Louisiana high school students access to standards-based high school courses delivered by certified highly-qualified Louisiana teachers through The Louisiana Virtual School (LVS). Students in LVS courses utilize the web, e-mail, and other online and offline resources to complete a rich course of study in a multitude of courses.