LAMAR HIGH SCHOOL
COURSE CATALOG

(updated August 21, 2018)

Lamar High School makes every effort to ensure that information in this catalog is correct as of its date of publication. Mention of an elective in this catalog does not guarantee that Lamar will offer that course every semester. Various considerations such as staffing, number of enrollees, and the need to offer required courses may affect the ability of the school to offer an elective.

ENGLISH

English 1 (1157)
PDP English 1 (1151)
The student is expected to meet the Texas Essential Knowledge and Skills for vocabulary, reading, writing, media literacy, research, listening and speaking as outlined by the Texas Education Agency. Vocabulary skills include dictionary usage as well as learning words from context and root study. Reading will include selections from all nine genres identified by the TEA. Planning, drafting, revising and editing skills will be taught and practiced. Listening and speaking will be supported by Cornell note taking practice and project based learning and presentation. Students will read and annotate various major works of world literature in historical and cultural context. Selected works include prose, poetry, and drama. Students will develop skills in expository essay writing, oral speech writing, media literacy, and research analysis. Students will gain experience with MLA formatting and formal writing structures, improving their writing through a broader vocabulary.

English 2 (1257)
English II focuses on the study of major works of world literature and writing. Selected works include fiction, non-fiction, poetry, and drama. The student is expected to read critically in order to ascertain meaning. Writing instruction focuses on literary analysis and the art of persuasion. Students are encouraged to engage in "free reading" as much as possible to reinforce and extend the concepts taught in class and to encourage them to develop a lifelong habit of reading for pleasure.

PDP English 2 (1251)
IB Pre-DP Language & Literature is the final year of the Middle Years Program and is vital to prepare for the requirements of the Diploma Programme. This class focuses on the literary analysis of a wide array of genres including Greek theatre, non-fiction, persuasive writing, poetry, short stories and novels.

English 3 (1357)
IB DP English 3 (1351)

This course includes adherence to the TEKs, including, but not limited to, a formal academic research paper, persuasive essay writing, open-ended essay responses, and technical instruction with regard to MLA format (the 7th edition) and turnitin.com.

English 4 (1457)
IB DP English 4 (HL)
The literature we will study in this course is concerned with our conceptions, interpretations, and experiences of the world. The study of literature can be seen as a study of all the complex pursuits, anxieties, joys, and fears that human beings are exposed to in the daily business of living. The discussion of literature is itself an art which requires a clear expression of ideas both orally and in writing. All teaching will stress the fundamental concepts of holistic learning, intercultural awareness, and communication. Throughout this course, students will be encouraged to develop the qualities of the IB Learner Profile. Aims and Objectives for the course are designed to develop:

- An ability to engage in literary criticism
- An ability to express ideas with clarity, conciseness, and fluency
- A command of the language with appropriate register and style
- A sound approach to literature through consideration of the works studied
- A thorough knowledge of individual works and of the relationships among groups of works
- A wide-ranging appreciation of authorial structure, technique and style, and of their effects on the reader

IB DP Theory of Knowledge (9714)
Theory of knowledge (TOK) is a course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. It plays a special role in the IB Diploma Program by providing an opportunity for students to reflect on the nature of knowledge, to make connections between areas of knowledge and to become aware of their own perspectives and those of the various groups whose knowledge they share. It is a core element undertaken by all DP students.

Personal and Professional Skills (PPS/GTIS) (9791)
A core component of the IB Career-related Programme (CP), personal and professional skills is designed for students to develop attitudes, skills, and strategies to be applied to personal and professional situations and contexts now and in the future. In this course, the emphasis is on skills development for the workplace, as these are transferable and can be applied in a range of situations. This course is only available to students completing the CP and runs spring of junior year through fall of senior year.

ESOL 1
The student is expected to meet the Texas Essential Knowledge and Skills for vocabulary, reading, writing, media literacy, research, listening and speaking as outlined by the Texas Education Agency with appropriate accommodations for English Language Learners. Vocabulary skills

include dictionary usage as well as learning words from context and root study. Reading will include selections from all nine genres identified by the TEA. Planning, drafting, revising and editing skills will be taught and practiced. Listening and speaking will be supported by Cornell note taking practice and project based learning and presentation.

ESOL 2
The student is expected to meet the Texas Essential Knowledge and Skills for vocabulary, reading, writing, media literacy, research, listening and speaking as outlined by the Texas Education Agency with appropriate accommodations for English Language Learners. Vocabulary skills include dictionary usage as well as learning words from context and root study. Reading will include selections from all nine genres identified by the TEA. Planning, drafting, revising and editing skills will be taught and practiced. Listening and speaking will be supported by Cornell note taking practice and project based learning and presentation.

English 3 Transitional ESL
Students learn English 3 content and strategies as outlined by the Texas Education Agency, with appropriate ESL accommodations, to increase understanding and comprehension. Students grow language acquisition as well as literary acumen.

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ESL Reading
Students of varying language levels extend their learning and knowledge of language acquisition strategies and skills and apply these to various texts and projects.

Reading
This intervention course can enrich struggling readers with the necessary tools students need to cement reading, writing, and comprehension skills. The differentiated instruction and multi-layered lessons will increase student success in content area learning.

STAAR Review English
Students who have struggled to pass STAAR in previous years learn how to tackle the state assessment and apply literary skills to various genres. Students will also master revision and writing for the written portion of the exam.

MATH

Algebra 1 Recommended (2157)
PDP Algebra 1 (2151)
This course is designed to develop the abstract study of numbers and the ability to reason symbolically. The key content involves identifying the critical attributes of linear, quadratic, and exponential equations; and using these attributes in writing equations, graphing, interpreting, and apply in real-world scenarios. Algebraic skills are applied in a wide variety of problem-solving situations. The course also includes polynomial expressions, inequalities (one- and two-dimensional), laws of exponents, and evaluating rational expressions. The skills developed in Algebra are critical and foundational to the study of Geometry and Intermediate Algebra, as well as the quantitative aspects of other fields or professions.

Algebra 2 Recommended (2357)
PDP Algebra 2 (2351)
Students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

Geometry Recommended (2257)
PDP Geometry (2251)
Is an Algebra based geometry course. The course takes Algebraic Principles and integrates them into the parameters of Euclidean Geometry. Students adapt these principles working with proofs, two-dimensional figures, and three-dimensional figures. Students adapt these principles working with proofs, two-dimensional figures, and three-dimensional figures. Geometry promotes a powerful universal language, analytical reasoning and problem-solving skills that contribute to the development of logical, abstract and critical thinking. We will study congruence, similarity, lines, quadrilaterals, triangles, circles, basic trigonometry, proofs, volume, and surface area. The goal is for students to see how geometry is applied to their everyday lives.

Precalculus Recommended (2457)
PDP Precalculus (2451)
Precalculus is a course that combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The first semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including laws of cosine and sine. The second semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions.

Advanced Quantitative Reasoning (AQR) Recommended (2826)
AQR is a fourth year mathematics course that equips students with a mathematical process to arrive at real- world solutions. In AQR, students will continue to build on the K-8, Algebra I, Algebra II, and Geometry foundations as well as expanding the understanding through other mathematical experiences. The primary focal points of AQR include the analysis of information using statistical methods and probability, modeling change and mathematical relationships, mathematical decision making in finance, and spatial and geometric modeling for decision making.

IB DP Math Studies (SL)
The IB DP mathematical studies standard level (SL) course focuses on important interconnected mathematical topics. The syllabus focuses on: placing more emphasis on student understanding of fundamental concepts than on symbolic manipulation and complex manipulative skills; giving greater emphasis to developing students' mathematical reasoning rather than performing routine operations; solving mathematical problems embedded in a wide range of contexts; using the calculator effectively. There is an emphasis on applications of mathematics and statistical techniques. It is designed to offer students with varied mathematical backgrounds and abilities the opportunity to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics, preparing them to solve problems in a variety of settings, develop more sophisticated mathematical reasoning and enhance their critical thinking.

IB DP Math SL (SL)
The IB DP mathematics standard level (SL) course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way, rather than insisting on the mathematical rigour required for mathematics HL. Students should, wherever possible, apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context. The internally assessed exploration offers students the opportunity for developing independence in their mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas.

IB DP Higher Level Mathematics (HL)
The IB DP higher level mathematics course focuses on developing important mathematical concepts in a comprehensible, coherent and rigorous way, achieved by a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve problems set in a variety of meaningful contexts. Concepts include Algebra, Functions and equation, Circular functions and trigonometry, Vectors, Statistics and probability, and Calculus.

SOCIAL STUDIES/HISTORY

AP Human Geography (3933)
The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alternation of Earth's surface. Students

learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

World Geography (3157)
The world geography course introduces students to the world in spatial terms where they use tools such as maps, mental maps and other data tools to learn about places and regions. Students learn how physical systems and environment affect society, population and migration. They also learn how social cultural aspects influence people's perceptions. Political systems, economic activity and conflict and cooperation among peoples and countries are likewise explored so that students learn about the background that has led to the globalization the world finds itself in today.

AP World History (3253)
The AP World History course focuses on developing students' understanding of world history from approximately 8000 B.C.E. to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania.

World History (3257)
The World History curriculum is a rich, integrated study of historical events with significant consequences for the evolution of man, culture, institutions, customs, thought, ideas, and philosophy. Students will read and frequently examine historical events and perspectives to obtain knowledge and comprehensive skills while developing into a global citizen.

US History (3357)
US History PDP (3351)
This course promotes the ongoing development of students' knowledge and skills in the areas of historical analysis, evaluation, and synthesis. This goal will be accomplished through various learning experiences throughout each six weeks. The primary goal of the PIB U.S. History course is the ongoing development in the areas of analysis, evaluation, and synthesis in the 11^{th} grade IB student. This goal will be accomplished through various assignments throughout each six weeks. The United States history course covers the time frame from 1877 through the present day.

Government (3457)

In United States Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems.

AP US Government (3453)
AP U.S. Government and Politics studies the nature of the American Political System, its development over the past two hundred years, and how it works today in the 21st century. This course will give an analytical perspective on government and politics in the United States.

Economics (3477)
Economics with Emphasis on the Free Enterprise System and Its Benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy.

IB DP Economics (SL) (3471)
The IB Diploma Program economics standard level (SL) course aims to develop students' core knowledge of economics, encourages students to explore the key concepts within economics, promote international mindedness when it comes to economic issues, and to encourage students' development as independent learners. Students will be asked to grow their economic understanding through application of economic concepts and techniques to their lives and the world around them.

IB DP Economics (HL) (3472)
The IB Diploma Program economics higher level (HL) course aims to expand students core knowledge of economics, encourage students to think critically about economics, promote an awareness and understanding of international economic issues and encourage students' development as independent learners. Students will be asked to not only identify positive theories within the discipline, but to think critically and develop normative economic positions through real world application.

IB DP History of the Americas (HL) (3951)
The IB Diploma Programme history course is a world history course based on a comparative and multi-perspective approach to history. It involves the study of a variety of types of history, including political, economic, social and cultural. The course emphasizes the importance of encouraging students to think historically and to develop historical skills as well as gaining factual knowledge. It puts a premium on developing the skills of critical thinking, and on developing an

understanding of multiple interpretations of history. In this way, the course involves a challenging and demanding critical exploration of the past.

IB DP World Religions (SL) (9703)
The IB DP World Religions course is a systematic, analytical yet empathetic study of the variety of beliefs and practices encountered in nine main religions of the world. The course seeks to promote an awareness of religious issues in the contemporary world by requiring the study of a diverse range of religions. The religions are studied in such a way that students acquire a sense of what it is like to belong to a particular religion and how that influences the way in which the followers of that religion understand the world, act in it, and relate and respond to others.

AP/IB Art History (SL) (7294)
The goal of the AP/IB Art History School Based Syllabus is to initiate the development of the students' connoisseurship in the visual arts. The Art History SBS option should be particularly attractive to students who are interested in art but whose strengths do not lie in practical studio work.

HCC Psychology (717D/557D)
HCC PSYC is a survey course of the basic principles underlying human behavior. Emphasis is placed on major areas of study in the field of psychology, such as motivation, development, thought processes, personality.

SCIENCE

Biology 1 Recommended (4257)
PDP Biology 1 (4251)
This course will introduce students to inquiry based learning through laboratory experiments and discussions based on biology as foundation for understanding biology. Topics include an introduction to biological molecules, membrane structure and function, expression of genetic information, the cell cycle, and cancer. This course will also introduce students to the fundamentals of science, such as the scientific method to advance investigations into cell structure and function as a consequence of evolutionary processes. Lastly, this class will educate students about the importance of taxonomy classification, ecosystems, plant systems, and body systems.

Chemistry 1 Recommended (4357)
This course is thought at Lamar High School as a second-year science course. This course is designed for students to understand the fundamental principles of chemistry which characterize the properties of matter and how it reacts. The course is taught using the flipped homework using carefully selected online videos (or online course resources) and traditional classroom discussion with hands on laboratory techniques. Throughout the course students are taught to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures.

PDP Chemistry 1 (4351)
This course is thought at Lamar High School as a second-year science course. This course is designed for students to understand the fundamental principles of chemistry which characterize

the properties of matter and how it reacts. The course is taught using the flipped homework using carefully selected online videos (or online course resources) and traditional classroom discussion with hands on laboratory techniques. Throughout the course students are taught to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Students are challenged to relate science and chemistry in their daily lives that they have learned in this course.

Physics 1 Recommended (4457)
PDP Physics 1 (4451)
In this course, students will learn to analyze the physical interactions that govern reality and develop novel solutions to global problems using mathematical models. The relationship between course concepts and the environment is emphasized as part of the MYP fundamental concepts. The students will be encouraged to adapt the IB learner profile to their own academic development as the study the physics curriculum and its lab applications.

Anatomy and Physiology (8809)
This course is for those interested in science-related fields. Anatomy and Physiology is a discussion and laboratory based study of the human body. The study will range from molecules, cells, body systems, and processes. The format of the course will ensure student-driven learning through real-life application of concepts. Throughout the year, student will be encouraged to become inquirers, communicators, principled, risk takers, balanced, caring and reflective in their learning.

Aquatic Science (4627)
This course will introduce students to the fundamentals of science, such as the scientific method and basic physical science as a foundation for understanding marine biology. The main focus of this class will be on the ecology of the marine environment. It will also introduce students to all of the major groups of marine organisms either through examination or dissection. Lastly, this class will educate students about the importance of marine ecosystems to terrestrial ecosystems and to mankind.

IB DP Biology (SL) (4231)
IB Biology SL at Lamar High School provides students with extensive material such as basic biochemistry, cell structure and function, genetic patterns of inheritance, plant function, evolution, ecology, and the international nature of science. Lamar's student environment promotes critical thinking with rigorous class activity. Students will acquire advanced knowledge of experimental procedure and data examination. IB Biology SL will require an internal assessment project and an IB exam at the completion of the course. These assessments will contribute to the student's IB grade and count towards the IB Diploma.

IB DP Biology (HL) (4232)

At Lamar High School, the IB Biology HL course will provide students with higher order investigative experiences as well as earning a college credit. Activities throughout the course will promote a deeper understanding of critical concepts in Biology. Such concepts will include basic molecular biology, biochemistry, genetic patterns of inheritance, plant form and function, evolution, ecology, animal physiology and the international nature of science. It will emphasize the development of inquiry skills and higher order thinking via experiential learning in both a classroom and laboratory settings.

IB DP Chemistry (SL) (4331)
IB Chemistry Standard Level course promotes students' academic study with the acquisition of practical and investigational skills that are essential for experimental science. It facilitates students' development of a wide range of practical skills and enhances their ability in the use of mathematics that are both transferable to other scientific fields and crucial for 21st century learners.

IB DP Chemistry (HL) (4332)
IB Chemistry Higher Level course further deepens students' understanding and appreciation of the experimental scientific exploration, accelerates their mastering and utilizing of the advanced mathematics skills, and promotes their abilities to analyze, evaluate and synthesize scientific information. It fosters and instills into students a critical awareness of the need for, and the value of, effective collaboration and communication during scientific activities, and heightens students' sense of responsibility of the ethical using science and technology as 21st century global citizens.

IB DP Physics (SL) (4431)
IB DP Physics (HL) (4432)
In this sequence, students will learn to analyze the physical interactions that govern reality and develop novel solutions to global problems using mathematical models. The relationship between course concepts and the environment is emphasized as part of the IB fundamental concepts. The students will be encouraged to adapt the IB learner profile to their own academic development as the study the physics curriculum and its lab applications.

IB DP Environmental Systems and Societies (SL) (4541)
This course analyses the world as a System with several components that work together to keep the whole System in balance. The structure and the function of each component is discussed so that the students understand the interdependence of all components. The impact that Man activity has on the System is evaluated. Alternative ways are introduced, so that the students discover that we, the Human species, can have a prosperous future, as long as we are willing to change the way we do things, and change our life styles so that we can raise the life standards for all.

FOREIGN LANGUAGE (LOTE)

Arabic 1 (5010)
This is a novice level course designed to teach students the basics of Arabic phonology, morphology, calligraphy, syntax, and semantics as well as a brief introduction to Arabic history and culture. This is an MYP Language B acquisition course and a prerequisite to Arabic 2.

PDP Arabic 2 (5021)
This is an intermediate level course designed to develop further students' knowledge of Arabic phonology, morphology, calligraphy, syntax, and semantics as well as continue exploring Arabic history and culture. This is an MYP Language B acquisition course and a prerequisite to Arabic 3. (Must have completed Arabic 1 with at least a 70 average).

IB DP Arabic 3
This is an advanced-low level course in Arabic morphology, syntax, and composition; students will delve deeper into understanding Arab customs and relevant historic events. This course is a DP Language B Acquisition course and a prerequisite to Arabic 4. (Must have completed level 2 with at least a 70 average).

IB DP Arabic 4
Arabic 4 is an advanced course for non-native speakers. Topics include etymology, composition, advanced morphology, advanced syntax, and Arab culture and history. This is a DP Language B acquisition course. (Must have completed Arabic 3 with at least a 70 average).

Chinese 1 (5810)
In Chinese 1, you will learn basic Chinese vocabulary and how to make simple sentences in Chinese. You will learn how to pronounce Chinese using the Pinyin Romanization system and you will learn how to write the characters and pronounce the four tones in the Chinese language. We will spend time learning about the Chinese culture, some important events in Chinese history, social behaviors, cultural norms, and Chinese festivals. We will have a special celebration for Chinese New Year. We will also have a Chinese calligrapher visit our class and show us how to write Chinese characters with the traditional maobi (writing brush) and ink stone.

PDP Chinese 2 (5821)
In Chinese 2, you will continue your study of basic Chinese. Students will learn vocabulary and how to build sentences for shopping, days of the week, how to tell time, colors, how to count money , make phone calls to friends, and many basic daily routine vocabularies. Students will continue learning correct stroke order for writing the characters and will learn the correct tones for each word. Each semester the class will read one outside reading book about China. This book will be provided by the teacher. We will have a special celebration for Chinese New Year. We will also have a Chinese calligrapher visit our class and show us how to write Chinese characters with the traditional maobi (writing brush) and ink stone.

PDP Chinese 3 (5831)
In Chinese 3, you will continue your study of basic Chinese. Students will learn vocabulary and how to build sentences for a more extensive study of Chinese than that of Chinese II. Units cover a variety of topics. Students will begin writing longer essays in Chinese and practicing IB oral presentations in advance of the IB Exam which is taken in Chinese 4.

IB DP Chinese 4 (5841) and 5 (5851)
Years 4 and 5 are the years that students sit for the Chinese IB Standard Level of High Level exam. This course will be more rigorous than previous Chinese classes. There will be continuous additions of new vocabulary outside the textbook. There will also be opportunities to write and read higher level assignments in preparation for the IB Chinese exam.

French 1 (5117)
Students are introduced to the study of French by expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend basic vocabulary words in French, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries.

French 2 (5127)
Students continue their further study of French by expanding their knowledge of key vocabulary topics and grammar concepts. Students not only continue to fully comprehend listening and reading passages but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a stronger emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be more actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries. In Semester 2, the course is conducted almost entirely in French.

PDP French 2 (5121)
Students have already learned the structures necessary to communicate in French. They further review and refine their grammatical structures while learning new vocabulary to communicate in French on a variety of topics. PDP French 2 course emphasizes all aspects of language learning: listening, speaking, reading, writing and culture. This course is designed to prepare students to cope with language learning challenges faced by Diploma Students. There is fully a stronger emphasis on providing context and conversational examples for the language concepts presented

in each unit. Students should expect to be more actively engaged in their own language learning, understand complex vocabulary terms and phrases, use a wider range of grammar patterns in their speaking and writing, participate more in conversations and respond more appropriately to conversational prompts, analyze and further compare cultural practices, products, and perspectives of various French-speaking countries.

French 3 (5137)
PDP French 3 (5131)
The course begins with a review of the material covered in phases 3 and 4. Other objectives of this course include **1**. Improve communicative proficiency in the four skills of listening, speaking, reading, and writing. **2**. Expand vocabulary and grammar. **3**. Increase awareness and curiosity of French Speaking cultures and encourage a life-long love of language acquisition and exploration of new cultures.

French 4 (5147)
IB DP French 4 (5141) & 5 (5151)
This course is designed to prepare the student to take the Standard Level French International Baccalaureate Exam this school year or to continue on to French V IB next year and take the Higher Level Exam. Students continue to develop vocabulary and perfect fluency in contextual, conversational situations. Theory of Knowledge discussions and course readings focus on the following: Customs and Traditions, Cultural Diversity, Leisure Activities, Health, Science and Technology**.** The course also includes a thorough grammar review combined with various written and oral exercises.

PDP Italian 3 (5836)
The course begins with a review of the material covered in phases 3 and 4. Other objectives of this course include **1**. Improve communicative proficiency in the four skills of listening, speaking, reading, and writing. **2**. Expand vocabulary and grammar**. 3**. Increase awareness and curiosity of Italian culture and encourage a life-long love of language acquisition and exploration of new cultures.

IB DP Italian 4 (5548) The course is designed to prepare the student to take the Standard Level Italian International Baccalaureate Exam this school year or to continue on to Italian 5 IB next year and take the Higher Level Exam. Students continue to develop vocabulary and perfect fluency in contextual, conversational situations. Theory of Knowledge discussions and course readings focus on the following: Customs and Traditions, Cultural Diversity, Leisure Activities, Health, Science and Technology. The course also includes a thorough grammar review combined with various written and oral exercises.

Spanish 1 (5717)

This course will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.

Spanish 2 (5727)
This course is designed to continue the introduction to the Spanish language and culture of Spanish-speaking countries. We will be utilizing real world experiences to practice for the globalized community. The linguistic abilities necessary to achieve the specific objective of the MYP (Middle Years Program) are: speaking and listening, writing, and reading comprehension.

PDP Spanish 2 (5721)
Spanish, Level 2 focuses on the development of novice language skills that can be immediately used and built on in future language courses, most specifically advanced levels of Spanish. The course seeks to help students develop knowledge of basic language skills through a variety of classroom and outside activities. The linguistic abilities necessary to achieve the specific objective of the MYP (Middle Years Program) are: speaking and listening, writing, and reading comprehension.

Spanish 3 (5737)
This course builds upon knowledge gained in Spanish 1 & 2. The course is a continuation and recycling of knowledge acquired in Spanish 1 and Spanish 2, as well as an introduction to new vocabulary, structures and expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts.

PDP Spanish 3 (5731)
Spanish 3 PDP will be a proficiency-oriented curriculum in which students will learn to use the language as accurately as possible in simulated real-life situations. Grammar and vocabulary will be taught at an accelerated pace with advanced constructions. Vocabulary will also include elements most frequently used in daily life. The four skills of reading, writing, listening, and speaking will be taught in context along with culture.

Spanish 4 (5747)
Instruction in Spanish 4 consists of a communicative method with an emphasis on grammar, vocabulary, literature, and culture to strengthen a student's proficiency in Spanish. Students will have an opportunity to strengthen reading, speaking, listening, and writing skills through individual and group activities.

IB DP Spanish 4 (SL) (5741)
This is a college level course designed to enable students to understand and use the language they have studied in a range of contexts and for a variety of purposes. Students will be encouraged,

through the study of texts and through social interaction, to develop an awareness and appreciation of the different perspectives of people from other cultures. The primary focus at this level is to review prior and obtain new grammatical structures in addition to amplifying vocabulary, thereby increasing the reading comprehension, speaking/listening, and writing skills necessary to be successful on the IB Standard Level Spanish Exam.

IB DP Spanish 5 (HL) (5751)
This is a college level course designed to advance students' abilities to use the language they have studied as a basis for further study, work and leisure. Students will continue to perfect their grammar skills and increase vocabulary while reading, reflecting about, and specifying their own personal opinion about a variety of texts relating to controversial topics. The primary focus at this level is to become precise in the use of the language, with a particular focus on spoken language. The class is designed to develop the reading comprehension, speaking/listening and writing skills necessary to be successful on the IB Higher Level Spanish Exam.

IB DP Spanish 6 (HL) (5771)
This is an intermediate level college level course designed to introduce students to Spanish and Hispanic literature. Short stories, testimonials, plays and novels are used to evaluate culturally thematic content while perfecting vocabulary, enhancing writing skills, and cementing reading comprehension skills. The primary focus at this level is to provide the opportunity for enjoyment, creativity and intellectual stimulation through the knowledge of an additional language while maintaining the necessary skills to be successful on the IB Higher Level Spanish Exam.

CAREER AND TECHNOLOGY

AGRICULTURE

Principles of Agriculture (8101)
This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. Students will explore multiple competencies related to agriculture through this course.

Livestock Production (8103)
This course provides instruction on related careers in the field of animal science. Students will acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Animal

species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Food Technology (8115)
This course provides instruction related to the broad field of Food Technology with the emphasis on the scientific and technical knowledge related to the discipline. Students will be examining the process of food production as food moves from the farm to the plate. Topics in this course include information on food safety, food processing, and food handling of a wide variety of food commodities.

Veterinary Medicine (8107)
This course provides instruction on related careers in the field of veterinary medicine and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Suggested animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats. Animal species to be addressed in this course may also include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

BUSINESS

Principles of Business Marketing (PBM) (8401)
Students will be provided with instruction in business concepts and skills they need to compete in the marketplace. Major business concepts, such as marketing, operation, finance, ethics and management will be covered. Students will enhance and apply reading, writing, computing, communication and reasoning skills.

Business Information Management (BIM) (8404)
Prerequisite: Principals of Business or Banking and Finance. A comprehensive introduction to management information systems with emphasis on entrepreneurship. Basic topics include entrepreneurship, entrepreneurs, and new venture development. Individual and team projects including the development of introductory-level business plans. A study of the fundamentals of marketing research, planning, and strategy as applied to new ventures. Major emphasis on developing market planning and research skills and business law

IB DP Business (SL) (9702)
This is an IB Diploma Program junior level course designed to introduce and educate students on the processes and practices of Business. Much of the activity involved in class will be student-generated and student-controlled. Students will be provided with instruction in business concepts and skills they need to compete in today's global marketplace. Students will develop and utilize interpersonal skills to prepare for a rapidly evolving workplace environment. The units are Business Organization & Environment, Human Resource Management, Finance & Accounts, Marketing, and Operations Management.

IB DP Business (HL) (9704)
This is an IB Diploma Program senior level course designed to shape students current knowledge of the processes and practices of Business. Much of the activity involved in class will be student-generated and student-controlled. Students will be provided with instruction in business concepts and skills they need to compete in today's global marketplace. Students will develop and utilize interpersonal skills to prepare for a rapidly evolving workplace environment. The units are Business Organization & Environment, Human Resource Management, Finance & Accounts, Marketing, and Operations Management.

Career Prep 1 (8972)
The IBCP is focused on students in career-related study. This is applicable to our CTE (Career and Technical Education) programs in agriculture, horticulture, and culinary arts. The IBCP combines the career-related courses with the study of IB diploma program courses and a "core" that provides concurrency, consistency, and depth of study. Students in the program will have to satisfy various requirements such as: Community Service, Language Development, and completion and submission of a Reflective Project.

Career Prep 2 (8974)
The second part of the IBCP course is focused on the completion of various projects. Students will complete and submit, at the end of the semester, the Community Service Hours completed, Language Portfolio, and their Reflective Project exploring the ethical dilemma of their choice in their career-related study.

COMPUTER SCIENCE

AP Principles of Computer Science (6232)
The CompuScholar: Digital Savvy curriculum is a one-year (two-semester) course covering required topics in most introductory "Information Technology" classes. This course has been aligned to specific course standards in a number of states. Students should have minimal computer usage skills (e.g. keyboarding, mouse, and operating system navigation) prior to starting this course. Every chapter contains one or more hands-on activities that allow students to practice and demonstrate understanding of the lesson topics. A Windows or Mac OS computer is required for completion of the hands-on activities.

PDP Computer Science (6111)
The Java Programming curriculum is a one-year (two-semester) course covering topics typically found in Computer Science I or similar courses. This course has been aligned to specific course standards in several states. Other introductory programming courses are not required; students merely need to have typical computer usage skills prior to starting this course. Every chapter contains one or more hands-on programming labs where students will design or implement programs to demonstrate understanding of the lesson topics. Students will get the opportunity to

work on individual and group projects and will experience all phases of a project lifecycle, including requirements, design, implementation, and testing.

IB DP Computer Science (SL) (6211)
The IB DP Computer science SL course requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The course, underpinned by conceptual thinking, draws on a wide spectrum of knowledge, and enables and empowers innovation, exploration and the acquisition of further knowledge. Students study how computer science interacts with and influences cultures, society and how individuals and societies behave, and the ethical issues involved.

IB DP Computer Science (HL) (6221)
The IB DP computer science HL course requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The course, underpinned by conceptual thinking, draws on a wide spectrum of knowledge, and enables and empowers innovation, exploration and the acquisition of further knowledge. Students study how computer science interacts with and influences cultures, society and how individuals and societies behave, and the ethical issues involved. During the course the student will develop computational solutions.

ENGINEERING

Principles of Applied Engineering (9525)
Students will learn the design process to create several projects. Fusion 360 will be used to create sketches to solid 3D models of their projects. Major projects, planter box, bridge building, rockets and your own invention.

Engineering Design I (9528)
Students are introduced to orthographic projection, isometrics, and construction/manufacturing drawing techniques. Mastery of both manual drafting and CAD are essential. Assessments include technical writing, project management, architectural/industrial drawing standards, and electronic portfolios.

Engineering Design II (9529)
Students must have passed all prerequisite courses to enroll in this double-block course. Intensive computer aided design of structural, electrical, and civil engineering projects are followed by comprehensive presentation pieces delivered to target audiences. Assessments include constant maintenance and improvement of the electronic portfolio, quantitative evaluation, and sustainable design practices. More than any previous course, this advance class attempts to replicate the requirements of an engineering internship with the intent of career-readiness.

Robotics (9532)

Students learn and apply principles of Automation, rotational dynamics and manufacturing. Development of virtual and physical prototypes is essential. Assessments include CAD design, technical writing, lab completions, and safe, effective work habits.

FINANCE

Principles of Business Marketing (PBM) (8401)
Students will be provided with instruction in business concepts and skills they need to compete in the marketplace. Major business concepts, such as marketing, operation, finance, ethics and management will be covered. Students will enhance and apply reading, writing, computing, communication and reasoning skills.

Money Matters/Banking & Financial Services (8602)
Students will be provided with instruction in business concepts and skills they need to compete in today's global marketplace. This course is recommended for students in Grades 10-12. Recommended prerequisite: Principles of Business, Marketing, and Finance. Students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society. Students will be made aware of the IB Learner Profile, and will be encouraged to aspire to develop the attributes as their own personal characteristics. Moreover, individuals will develop positive attitudes for critical thinking. Each student will be required to complete one prescribed minimum task per semester. A prescribed minimum task is a major project (unit of work) using the complete MYP Design Cycle.

Accounting I (8605)
Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making. The aims and objectives for the course are for students to learn the following:

- Basic Accounting Cycle
- General Journal and Ledger Accounts
- Accounting Careers in our Global Economy
- Ethics

Accounting II (8606)
Prerequisites: Accounting I. Students utilize the knowledge gained in Accounting I and apply it toward more advanced Accounting, to include: Payroll Accounting, Accounting for Merchandising Corporation and Accounting for Special Procedures. The course will allow students to demonstrate their competency by producing individual and group projects relating to

Financial Statements, Cash, Inventories, Assets, Uncollectible Accounts Receivables and Notes Payables. The aims and objectives for the course are for students to learn the following:

- Prepare Financial Statements
- Account for Payroll
- Accounting for Merchandising Corporation
- Special Procedures in Accounting

HORTICULTURE

Principles of Agriculture (8101)
This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. Students will explore multiple competencies related to agriculture through this course.

Food Technology (8115)
This course provides instruction related to the broad field of Food Technology with the emphasis on the scientific and technical knowledge related to the discipline. Students will be examining the process of food production as food moves from the farm to the plate. Topics in this course include information on food safety, food processing, and food handling of a wide variety of food commodities.

Horticulture Science (8124)
This course provides instruction related to the broad field of horticulture with the emphasis on the scientific and technical knowledge related to the discipline, as well as the ways we use this knowledge to establish a relationship with our environment. Topics in this course include information on plant structure and function, plant growth, plant diversity, basic plant identification, general botany, soil analysis, gardening and land use, and more. Time will be spent in the classroom, outside (as weather permits), and in the greenhouse.

Greenhouse Operations (9124)
This course provides instruction related to Greenhouse components and operations with the emphasis on the scientific and technical knowledge related to the discipline. Topics in this course include information on greenhouse controls and operations, plant growth and physiology, plant propagation, crop scheduling and maintenance, pest identification and management, and industry standards. Time will be spent in the classroom, outside (as weather permits), and in the greenhouse.

HOSPITALITY & TOURISM

Principles of Hospitality and Tourism (8901)
This course introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry.

Introduction to Culinary Arts (9906)
Emphasizes the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This course is offered as a classroom and laboratory-based course.

Culinary Arts (8908)
Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Food Science (8919)
In Food Science, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.

Advanced Culinary Arts (9925)
Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment. Advance Culinary Arts students are heavily involved with Lamar's Catering Team.

JOURNALISM (BROADCAST)

Principles of Arts A/V (8301)
Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Audio Video Production I (8306)
Audio Video Production students need to be critical viewers, consumers and producers of media. The ability to access, analyze, evaluate, and produce communication in a variety of forms is an important part of language development. Students enrolled in these courses will apply and use journalistic skills for a variety of purposes.

Audio Video Production II (8308)
Audio Video Production students need to be critical viewers, consumers and producers of media. The ability to access, analyze, evaluate, and produce communication in a variety of forms is an

important part of language development. Students enrolled in these courses will apply and use journalistic skills for a variety of purposes.

Animation (8302)
Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

IB DP Film SL (7277) and IB DP Film HL (7278)
The Film course at SL and HL aims to develop in students the skills necessary to achieve creative and critical independence in their knowledge, experience and enjoyment of film.
The aims are to promote:

- an appreciation and understanding of film as a complex art form
- an ability to formulate stories and ideas in film terms
- the practical and technical skills of production
- critical evaluation of film productions by the student and by others
- a knowledge of film-making traditions in more than one country

JOURNALISM (PRINT)

Principles of Arts A/V (8301)
Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Graphic Design 1 (8312)
The mission of the graphic design I class is to prepare all students to become successful career professionals in the field of Digital Media design, which will be the central CTE interest area of our school. Students will be given the opportunity to explore the design process and; using critical thinking skills, find creative visual solutions while designing many of their own projects. Software training includes use of Adobe, In Design and Photoshop. The class is project based and allows students will work on various Lamar publications.

Graphic Design II (8314)
This class is largely project-based, requiring uniquely independent work and self-management career skills. The foundation and pathway standards make explicit the appropriate knowledge,

skills, and practical experience students should have to pursue their chosen profession through whatever course of post-secondary, collegiate, and graduate training or apprenticeship it may require. Learning the skills and knowledge for creating, refining, and exhibiting works of art promotes teamwork, communication, creative thinking, and decision-making abilities—all traits needed to function successfully in the competitive and media-rich twenty-first century. Students will work on Lamar's various publications.

Commercial Photography (8318)
Students in Photography will develop and expand their skills in producing both artistic and commercial photographs using digital DSLR cameras and equipment. Photography meets the credit requirements for Career and Technical Education (CTE), Fine Art, and elective graduation requirements. Students learn to take artistic digital photos following rules of composition, light, exposure, elements of art, and principles of design which also enhances their ability to produce quality commercial work. Students' work is published in various publications. This class enables students to explore photography as a possible career and is designed to help the student acquire practical photographic skills through an interactive and hands-on educational experience.

FINE ARTS

ART

Art 1

PDP Art 2

Art IB DP Visual Arts SL (7279)

IB DP Visual Arts HL (7276)

BAND

Band (7751)

Marching Band 1A (9591A)/Band 1B (7751B)

Marching Band 2A (9592A)/Band 2B (7752B)

Band 3

Band 4

Jazz Band 1 (7871)

Jazz Band 2 (7872)

Color Guard

CHOIR

Choir (7521)

Choir (7522)

Choir (7523)

Choir (7524)

DANCE

Intro Dance/Dance 1 (7941)
The objective of this course is to improve dance technique and performance appropriate to the beginning level. Students will learn dance in the style of ballet, jazz, hip hop and modern. Students will study elements of anatomy, kinesiology, choreography and improvisation, as well as, a strong emphasis in basic dance history and dance terminology. The nature of the course offers the cultivation of such behavior as self-discipline, creativity, working with others, leadership, fellowship, responsibility, self-pride and appearance. During the course of the year, students of all levels of dance will also be required to become a part of the spring semester performance.

Rangerettes Drill Team (Grade 9 9638) (Grades 10-12 9561)
A Rangerette shall be loyal, have high morals and standards, set good examples in and out of school, and develop self-discipline and confidence. Being a member of the team is an honor. Hard work and discipline are major components of the program. A Rangerette's commitment is to both academics and the Rangerettes organization. Prospective members of the Rangerettes Drill Team shall be selected through an audition process. The term of membership is one calendar year, beginning when the name is posted as a team member and continuing until the tryouts for the following year's team. Applicants can be in grades 8th through 11th during the year of tryouts. Applicants must meet all criteria as described in the tryout application. Applications will be available one month prior to tryouts.

IB DP DANCE 1 SL (7937)
Students create, participate in, and reflect upon dance forms and styles from a range of cultures and traditions, both familiar and unfamiliar. The students learn to express themselves through movement.

IB DP Dance 2 HL (7938)
The course focuses on the composition, performance and analysis of dance, or "expressive movement," which is practised amongst peoples of various backgrounds, and for a variety of purposes, throughout the world.

Both IB DP Dance SL and IB DP Dance HL require prior dance training and approval through Mr. Ayala.

Lamar Dance Theatre (LDT)
Lamar High Schools Dance Company which is split into LDT Modern & LDT Hip Hop. LDT Modern focuses on the roots of Modern dance as well as incorporates other forms and styles of dance. This is an audition only class. LDT Hip Hop focuses on incorporating new and old styles of Hip Hop to further advance their technique.

Advanced Hip Hop

An advanced hip hop class that focuses on developing all styles of hip hop. This class is a training class for students to want to become members of LDT Hip Hop. The class also focuses on the history of hip hop dance. This is an audition only class.

Advanced Modern
An advanced class that focuses on modern and jazz technique. The students will learn a series of modern and jazz technique as well as its historical context. This is an audition only class.

MUSIC MEDIA (7575)

ORCHESTRA

Orchestra 1 (7891)

Orchestra 2 (7892)

Orchestra 3 (7893)

Orchestra 4 (7894)

All students must have prior playing experience on violin, viola, cello, bass, harp, or piano. There are two ensembles: Chamber Orchestra, and Philharmonic Orchestra. Chamber Orchestra is an audition only ensemble, and requires prior approval from the orchestra director. Students will have 4 academic concerts during the school year: Fall, Winter, Pre-UIL, and Spring.

PIANO

Piano 1 (7811)

Piano 2 (7812)

Piano 3 (7813)

THEATRE

Theatre 1
Students are introduced to a variety of forms of theatre: pantomime, duet acting, monologues, improvisation, playwrighting, voice and diction, puppetry and mask work. Students learn how to build confidence for presentations and performances all while working in a supportive, collaborative environment that provides for constructive feedback from peers and the teacher.

Theatre 2

Students build on what they learned in Theatre 1, this time focusing on more student-written pieces, rather than published pieces. This class takes constructive criticism a step further and really allows peers to be involved in the creative process. Feedback from peers often drives the progress of the performers. The learner is more self-efficient, and the teacher serves as a guide or mentor. Projects included in Theatre 2 are: improvisation, monologues, duet acting, group writing and performances of Reader's Theatre, Lip Sync, and group writing of plays.

IB DP Theatre SL (7357)
IB SL Theatre introduces students to Theatre theorists, directors, designers, theatre conventions, and teaches students how to write in a scholarly manner. This class prepares them for their final project that they submit to IB in Year 2.

IB DP Theatre HL (7359)
IB HL Theatre is where the students take what they have learned from the first year, and implement it into the writing of 4 projects:

1) Director's Notebook
2) The HL Solo Theatre Piece
3) Research Presentation
4) Collaborative Theatre Piece

The students turn in their written work, and they videotape themselves presenting each presentation/performance.

PHYSICAL FITNESS

Foundations of Physical Fitness (9441)
Knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle.

Adventure/Outdoor (9447)
Adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Aerobic (9444)
A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

Team Sports (9461)
The student demonstrates competency in many movement forms and proficiency in two or more team sports such as basketball, flag football, soccer, or volleyball

Individual Sports (9451)
Students in Individual Sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sport activities that are enjoyable is a major objective of this course.

Weight Training (9451)
Designed to help each student: improve muscular strength; gain knowledge and understanding of weight training theory and practice; develop a personalized weight training program.

ATHLETIC TEAMS and EXTRACURRICULAR ACTIVITIES
(Students must try out or audition. Email the Coach or Sponsor for details.)

BAND	Mr. Christian at DCHRISTI@houstonisd.org
BASEBALL	Coach Munoz at DMUNOZ@houstonisd.org
BASKETBALL	Boys Coach VanDusen at JVANDUSE@houstonisd.org Girls Coach Hopkins at DHOPKIN1@houstonisd.org
CHEER	Ms. Southwell at ASOUTHWE@houstonisd.org
CHOIR	Ms. Hale at NHALE@houstonisd.org
CROSS COUNTRY	Coach Kamla at JKAMLA@houstonisd.org
DANCE	Ms. Williams at TWILLI61@houstonisd.org
DRILL	Ms. Williams at TWILLI61@houstonisd.org
FOOTBALL	Coach Nolan at TNOLEN@houstonisd.org Ms. Allred at LALLRED@houstonisd.org
GOLF	Coach Blackmon at Charles.Blackman@houstonisd.org
ORCHESTRA	Ms. Houston at KHOUSTO6@houstonisd.org
ROTC	Major (Retired) Kenneth Zapanta at Kenneth.Zapanta@houstonisd.org Command Sergeant Major (Retired) Hai Dang at HDANG2@houstonisd.org
SOCCER	Coach Davison at JDAVISON@houstonisd.org

SOFTBALL	Coach Crockett at DCROCKE3@houstonisd.org
STUDENT COUNCIL	Mr. Beaudoin at RBEAUDO1@houstonisd.org
SWIM /WATER POLO	Coach McDonald at macbelbot@yahoo.com
TECHSANS	Contact Mr. Staffel at GSTAFFEL@houstonisd.org
TENNIS	Coach Davison at JDAVISON@houstonisd.org
THEATRE	Ms. Rogers at Shekinah.Rogers@houstonisd.org Ms. Small at Aimee.Small@houstonisd.org
TRACK	Coach Kamla at JKAMLA@houstonisd.org
VOLLEYBALL	Coach Jackson at Doug.Jackson@houstonisd.org
WRESTLING	Coach Reyes at creyes12@houstonisd.org