

COURSE SELECTION GUIDE



LETO HIGH SCHOOL

Rev. 2015-16

LETO HIGH SCHOOL
HOME OF THE FALCONS

Dear Parents and Students:

This curriculum guide is provided to assist parents and students in planning and scheduling the academic program best suited to the student's needs. The information provided is current at the time of printing, but we do recommend working closely with the school's guidance counselors to remain knowledgeable concerning any changes which might affect your student's program of study.

The descriptions included are intended to provide the student and parent with a brief overview of the course, but it is by no means a comprehensive listing of all that may be covered within a course.

Please note that offerings are subject to student demand and facility limitations.

Because course offering, class schedules, and the hiring of teachers are based upon student requests, we encourage parents and students to plan carefully when selecting courses. **Students and parents are expected to honor the commitments made during programming.**

We hope you will join us in our efforts to expect the most from our students. We stand ready to help you in this effort. All members of the staff are committed to this joint endeavor. The greatest gifts we may give our students are our time, our concern, and our firm insistence that they become all that they are capable of being.

Leto Administration and Guidance Department



Leto High School

Dear Parents and Students:

Preparing for the new school year is always an exciting time, but this year, we have a special reason to be excited: A.P. Leto Comprehensive High School is now a magnet Collegiate Academy.

As a Collegiate Academy, Leto is able to offer students the opportunity to earn an Associate of Arts degree through Hillsborough Community College while at the same time earning their high school diploma – all free, and all within four years. Students take college classes free of charge on campus during the school day. They may also attend the HCC campus as well. There is no charge for textbooks, and Academy students are able to use HCC’s facilities such as the Library and tutoring services for free as well.

Freshmen students who are accepted move through the Academy with their cohorts, forming bonds and building communities as they earn college credit. They take rigorous college courses with instructors who have master’s degrees and who have been credentialed by HCC.

The Academy offers students the opportunity to get a head start on their college education, all within the warmth and caring of a high school community. So as you prepare to select your classes for the upcoming school year, please think about joining our Collegiate Academy – where we know you will soar!

Revised Graduation Standards and Benchmarks

Every graduate earning a standard high school diploma shall:

- Earn at least twenty-four credits in grades 9-12 or qualify for the eighteen-credit option in one of the courses of study.
- attain an unweighted state grade point average (GPA) of at least a 2.0 for all credits;
- Demonstrate mathematical skills that include mastery of exit performance standards for Algebra I and Geometry and their respective End-of-Course-Exams.
- Demonstrate mastery of reading and mathematical skills as measured by the FSA.

Additional Information

Parents and students should be aware of the following additional information:

- A parent signature is required for the eighteen-credit option.
- All students must be enrolled for the entire day unless the IEP for elected exceptional students states otherwise.
- Students who meet all course requirements for a standard diploma (24 credits) but do not meet the FSA/EOC benchmarks or do not achieve the required grade point average will receive a Certificate of Completion.
- Remedial English and mathematics will not meet English and mathematics requirements for graduation.
- Selected courses in art, music, dance, drama, speech, and debate may meet the performing arts requirement, and students should discuss these options with their counselors.
- Students should consult individual colleges and universities for specific admission requirements.
- For questions regarding out-of-state or out-of-county transfers, see your guidance counselor.
- Individual School Improvement Plans may define other requirements.

Language Arts

Core Courses & Literature Electives

NOTE: Leto High School utilizes the College Board's SpringBoard program throughout our credit English courses. This curriculum emphasizes critical thinking processes and a close/detailed reading of chosen texts to prepare students for post-secondary education.

English I

1 Credit

Grade 9

This is the foundational class for freshman within the English department. This course is an introduction to literature. Poetry, short stories, drama, novels, and nonfiction will be thoroughly explored during the year. Students will be introduced to authors from Shakespeare to Hemingway. In addition to these topics, writing will play an important part in this course's curriculum. The writing process and different styles and genres of composition will be taught. Finally, this course will help prepare students to take and successfully pass the reading and writing portion of the FSA test.

English I Honors

1 Credit

Grade 9

This course marks the beginning of the accelerated track in language arts. Simply, this course is an introduction into the world of literature at a secondary level. Poetry, short stories, drama, novels, and nonfiction will be thoroughly explored during the year. Students will be introduced to authors from Shakespeare to Hemingway. In addition to these topics, writing will play an important part in this course's curriculum. The writing process and different styles and genres of composition will be taught. Students will be encouraged to write frequently in and out of class. This class will begin to prepare students for the rigorous academic challenges in English that await them after high school graduation. Finally, this course will help prepare students to take and successfully pass the reading and writing portion of the FSA test.

English II

1 Credit

Grade 10

A sophomore English credit, this course continues the curriculum begun in the ninth grade. At this level, the literature is focused around writings from all over the

world. The Western and Non-Western traditions of fiction, poetry, drama, and nonfiction will be fully explored. Again, a strong emphasis will be placed on writing, and written proficiency will be a high priority for all students. This class will help prepare students to take and pass the reading and writing sections of the FSA test, a graduation requirement in the state of Florida.

English II Honors

1 Credit

Grade 10

This is the accelerated credit for sophomore English. At this level, the literature is focused around writings from all over the world. The Western and Non-Western traditions of fiction, poetry, drama, and nonfiction will be fully explored. Students will spend time analyzing the cultural and theoretical meanings behind some of the classical works of literature. Again, a strong emphasis will be placed on writing, and written proficiency will be a high priority for all students. In preparation for post-secondary education, students will be encouraged to write often in and out of school on various topics. This class will help prepare students to take and pass the reading and writing sections of the FSA test, a graduation requirement in the State of Florida.

English III

1 Credit

Grade 11

This class at the junior level is focused primarily on the literature of the United States. Throughout the year, students study material from the colonial period to the modern era. Novels, plays, short stories, poetry, and nonfiction will be analyzed and explored. At the junior level, English plays an important role in preparing students for their final year in high school and beyond. Regardless of plans for post secondary school, junior English begins to work on the communication skills needed within the modern workplace.

English III Honors

1 Credit

Grade 11

This course is the accelerated credit for juniors. This class focuses primarily on the literature of the United States. Throughout the year, students study the material from the colonial period to the modern era. Novels, plays, short stories, poetry, and nonfiction will be analyzed and explored. Authors such as Poe, Melville, Hemingway, Cather, Fitzgerald, and Chopin will be covered in some depth. At the junior level, English plays an important role

in preparing students for their final years in high school and beyond. Within the English III Honors curriculum, special attention will be placed on preparing students to take the SAT, the gateway to colleges and universities across the nation. Providing a solid basis in composition and reading analysis will be a priority throughout the year's syllabus.

Advanced Placement English: Language and Composition

1 Credit

Grade 11

Love to write? Love to read? Looking for a challenge? Do you work well under pressure? The purpose of this rigorous college level course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language, as they relate to the principles of effective writing. The course is also designed to provide students with a variety of writing opportunities, calling for the use of different styles and tones.

English IV

1 Credit

Grade 12

During a student's senior year the English course focuses on the literature from Great Britain. From this heritage, students will study the beginnings of the English language and Shakespeare to the modern poet laureate of England. Composition skills, grammar, novels, poetry, short stories, and drama will all be covered. The spotlight, however, will be on the literature from England. The instructor's focuses will strongly remain in preparing student for life after secondary school. Whether college, military, or the work force, the skills necessary to achieve a student's full potential will be covered.

English IV Honors

1 Credit

Grade 12

This course is the accelerated credit for seniors. The course focuses on the literature from Great Britain. From this heritage students will study the beginnings of the English language and Shakespeare to modern poetry. Composition skills, grammar, novels short stories and drama will be covered. The instructor's focus will remain in preparing the student for life after secondary school. Whether college, military, or the work force, the skills necessary to achieve a student's full potential will be covered.

English IV College Ready

1 Credit

Grade 12

This is the accelerated credit for senior year English. During a student's final year in high school, the English class focuses on the literature from Great Britain. From this heritage, students will study the beginnings of the English language and Shakespeare to the modern poet laureate of England. Composition skills, grammar, novels, poetry, short stories, and drama will all be covered. The focus of the instructor will be to provide a smooth transition from high school English into college composition. The teacher's focus will be to provide the background knowledge in British literature to insure success in post-secondary school.

Advanced Placement English: Literature and Composition

1 Credit

Grade 12

The future is now! Using literature ranging from Dante's *Inferno* to modern prize-winning novels, this class is a college level course that allows students the opportunity to earn college credit by taking the AP Exam in the spring. Intensive concentration on composition skills, narrative techniques, and comprehensive reading will fully prepare students for the exam designed by the National College Board Advanced Placement Program. *Summer reading is required. Students must take the AP examination.*

English Language Learners Classes

English I for ELL

1 Credit

Grade 9

This course helps students acquire English as a second language through listening, viewing, speaking, reading, and writing. This language-based curriculum is supplemented with grade appropriate grammar and literature while addressing the needs of the individual student. Real life topics help students develop both language and critical thinking skills. Studies of holidays, entertainment, and social issues help students become acclimated to our national culture. Course requirements include the benchmarks from the Sunshine State Standards.

English II for ELL

1 Credit

Grade 10

Students are provided integrated educational experiences in listening, viewing, speaking, reading, and writing in order to gain language proficiency and independence in effective communication. The application of skills and strategies increases in complexity, as needed for the language proficiency of the individual student. Literature selections by American and British authors parallel those included in the high school curriculum. This course meets benchmark graduation requirements and is designed to provide students with skills for employment and college entrance.

English III for ELL

1 Credit

Grade 11

Offered for students who are developing and improving skills in English as a second language, this course offers strategies for effective communication through word study, informative, technical, and literary texts, grammar usage, viewing techniques, and the development of writing skills. Needs of individual language proficiencies are met as experiences and literary selections by American authors parallel the high school curriculum for juniors.

English IV for ELL

1 Credit

Grade 12

The purpose of this course is to provide whole language experiences for senior students who are native speakers of languages other than English. The research process, techniques for analyzing information and communication in formal and informal situations are included. Emphasis is placed on style and format in writing critical and aesthetic responses to British and world literature, and effective communication in the academic setting and the work place. Graduation requirements and benchmarks from the Sunshine State Standards are met as the senior high school curriculum is paralleled.

Developmental Language Arts

1 Credit

Grades 9 - 12

This course offers students opportunities to develop their reading competencies by using decoding and pre-reading strategies, sequencing, targeting main ideas, recognizing facts and opinions, and improving comprehension. It

promotes increased recognition and usage of vocabulary through real world examples.

Journalism & Communication**Journalism I**

1 Credit

Grades 9 - 12

Journalism I is all about Media! Is your goal to work on the yearbook? Journalism I is an overview of journalistic media, its history and applications within the scholastic press. Journalism I is a **writing intensive** class where students gain experience writing for a variety of journalistic purposes including news, feature, editorial, sports, and editorial coverage. Photojournalism, design, typography, and media law are also studied. Gain experience through projects and hands-on activities.

Journalism II, III, IV -- Yearbook

1 Credit

Grades 10 - 12

Prerequisite: Teacher approval.

Make history! The yearbook staff has the opportunity to record your generation. Years from now, you will look back to see the funny and sad moments, the victories and the defeats, the splendor and the magnificence of your glory days.

Creative Writing I

½ Credit

Grades 9 - 12

This course is designed for those students who already have an appreciation for the art of writing and wish to pursue their talents further. In a workshop/lecture format, students will take part in poetry and nonfiction activities designed to enhance their command of the language. Students will read, write, and respond to a variety of materials designed to guide them to a deeper understanding of what writing is, and how they can increase their own abilities. Students will be encouraged to publish their work in a variety of forms and to seek opportunities for public display.

Creative Writing II

½ Credit

Grades 9 - 12

Prerequisite: Creative Writing I

This course is designed for those students who already have an appreciation for the art of writing and wish to pursue their talents further. In a workshop/lecture format,

students will take part in fiction and script writing activities designed to guide them to a deeper understanding of the craft and to lead them to a possible career in writing. Student will be encouraged to publish their work in a variety of forms and to seek opportunities for public display.

Writing I

½ Credit

Grade 9

This semester-long course is for both students who love to write and for who would like to improve their writing skills. Students work on assignments such as creating a short story and crafting and revising academic essays. This course will help further prepare students for the FSA exam in 10th grade as well as for college-level writing courses such as AP and Dual Enrollment. Taught as a writing workshop, this class is made up of a community of writers who work to build a foundation for college and career readiness. The class is strongly recommended for students wishing to take AP or Dual Enrollment classes in their junior and senior years.

Literature and The Arts 1 Honors

0.5 Credit

Grades 10 - 12

The purpose of this course is to enable grades 9-10 students, using texts and artistic works of high complexity, to develop knowledge of the relationship between literature and the fine arts through advanced integrated educational experiences of viewing, reading, writing, speaking and listening, and language. Emphasis will be on the varied cultural influences highlighting the major themes, issues, and topics associated throughout selected literary and artistic periods.

Theater 1

1 Credit

Grades 9 - 12

Do you like to act? Are you interested in pursuing a career in the theater or motion pictures? If so, this is the elective for you. The content should include, but not be limited to, an overview of the history of the theater and literatures of the theater. Students should be introduced to the fundamentals of theatre production, which include scenery construction, costuming, lightning, and make-up. Students should be introduced to the fundamentals of acting.

Theater II

1 Credit

Grades 9 – 12

Prerequisite: Theater I & Teacher Approval

The purpose of this course is to provide intermediate development skills useful to the study and practice of theater arts. The content should include, but not limited to, instruction in reading and interpretation of dramatic literature. Students will also get a chance to see what it is like “backstage.” The building of sets, developing costume designs, and exploring different lightning styles will be explored.

Theater III HONORS

1 Credit

Grades 10 - 12

Prerequisite: Theater II & Teacher Approval

Only serious actors need to apply! The purpose of this course is to provide an opportunity for advanced drama students to continue their study in acting and production techniques. Participation in dramatic productions and projects are expected. This course will help perfect improvisation techniques, scene study, and character analysis.

Theater IV HONORS

1 Credit

Grades 10 – 12

Prerequisite: Theater III & Teacher Approval

The content should include, but not be limited to, study and practical application in costume, scenery, lightning, and sound design. Students will also study make-up techniques, advanced acting techniques, and theatrical management. Students should specialize by researching information about and participating in selected areas of theater, including playwriting, directing.

Television Production I

1 Credit

Grades 9 - 12

Prerequisite: Fees Involved

Students are introduced to video techniques. Television production I, emphasizes both resources and experiences in video production. It covers pre-production planning,

camera use, lightning, and sound recording techniques, as well as electronic editing. During class, students will complete several video production projects throughout the year such as Public Service Announcements (PSAs), music videos, documentaries, interviews, commercials, and 1 minute stories.

Television Production II

1 Credit Grades 10 - 12
Prerequisite: Television Production I, teacher approval, Fees Involved

It's lights, camera, action at Leto High School. Television Production II provides opportunities for students to further develop advanced skills in television broadcasting. Students produce, shoot, and edit their own segments for the LHS morning Show. Membership in the TV Production club is required.

Television Production III, IV

1 Credit Grades 11 - 12
Prerequisite: Television Production II

Television Production III and IV students further develop advanced skills in broadcasting, while producing segments for the LHS morning show. Students learn advanced production and postproduction skills. Membership in the TV Production club is required. Television Production certificates can be earned through this class.

Mathematics

Intensified Algebra 1

2 Credits Grades 9

A research-based program designed to help students catch up and succeed in their first algebra course and beyond. More than 80 minutes of daily classroom instruction presented as a unique, coherent program that incorporates ideas from social psychology and other areas that historically reside outside the domain of typical algebra classes but are fundamentally important to students' success. This course fulfills the Algebra 1 graduation requirement and prepares students for the state End-of-Course Exam.

Algebra I

1 Credit Grades 9 - 12

The purpose of this course is to provide the foundation for more advanced mathematics courses and to develop the

skills necessary for problem solving. This class also includes an emphasis on FSA skills. This class is a graduation requirement.

Liberal Arts Mathematics I

1 Credit Grades 10 – 12
Prerequisite: Algebra I credit

Designed for the student who failed the Algebra I EOC exam or Geometry EOC exam; to strengthen the mathematics skills required for standardized tests and continued mathematics study.

Geometry

1 Credit Grades 9 - 12
Prerequisite: C or higher in Algebra I or Algebra I Honors

This course emphasizes critical thinking involving the discovery of relationships and their proofs. Students should apply the deductive method to mathematical situations. Topics include lines, planes, area, volume, polygons, and constructions.

Geometry Honors

1 Credit Grades 9 - 12
Prerequisite: B or higher in Algebra I or Algebra I Honors and teacher recommendation

This course provides a rigorous and in-depth look at the study of geometry with emphasis on using hands-on investigations that lead to the discovery of relationships, methods of proof, and the formal language of mathematics.

Math for College Readiness

1 Credit Grades 11 – 12
Prerequisite: Algebra II

Designed for the student who has scored less than 122 on the PERT (college placement test). The purpose of this course is to strengthen the mathematics skills required for continued mathematics study at the college level.

Algebra II

1 Credit Grades 10 - 12
Prerequisite: C or higher in Geometry or Geometry Honors and teacher recommendation

The purpose of this course is to continue the study of the structure of Algebra and to provide the foundation for

applying these skills to other mathematics and scientific fields. *A graphing calculator will be used to help support the algebraic concepts introduced in this course.*

Algebra II Honors

1 Credit Grades 9 - 12
Prerequisite: B or higher in Geometry or Geometry Honors and teacher recommendation

The curriculum of this course begins the study of functions and their graphs. Each type of function (linear, quadratic, polynomial, exponential, logarithmic, rational, etc.) will be examined. There is an emphasis on a multi-representational approach with concepts and results being expressed numerically, graphically, and algebraically. *A graphing calculator is required.*

Math for College Success

1/2 credit Grade 12

This course is designed for students who have completed Algebra II. It will strengthen their mathematical understanding and prepare the students to take college entrance exams (SAT or ACT).

Advanced Topics in Mathematics

1 Credit Grades 11 - 12
Prerequisite: Algebra II

The purpose of this class is to strengthen the mathematical skills of college bound students. The course examines topics that students will encounter in an entry level college mathematics course. A graphing calculator will be used.

Trigonometry

1/2 Credit Grades 11 - 12
Prerequisite: Algebra II

The purpose of this course is to provide students with a study of circular and trigonometric functions and their applications. *A graphing calculator will be used.*

Math Analysis

1/2 credit Grades 11-12
Prerequisite: Trigonometry or Analysis of Functions
 Study logic, sets, vectors, induction, and matrices as you continue to advance your knowledge of mathematics in preparation for college. This is the course where math and

reasoning and thought come together. Applications of the mathematics previously learned will be emphasized. A graphing calculator is required.

Pre-Calculus

1 Credit Grades 11 - 12
Prerequisite: B or higher in Algebra II or Algebra II Honors

This course focuses on the study of functions, their graphs, and their applications. Each type of function (linear, quadratic, polynomial, exponential, logarithmic, rational, trigonometric, etc.) will be examined. There is an emphasis on a multi representational approach with concepts and results being expressed numerically, graphically, and algebraically. Applications of each type of function will be explored as well. *A graphing calculator is required.*

Advanced Placement Statistics

1 Credit Grades 11 - 12
Prerequisite: B or higher in Algebra II or Algebra II Honors

This course is designed to be comparable to one semester of an introductory non-calculus based college statistics course. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. Successful completion and satisfactory performance on the AP test can earn students college credit. A graphing calculator is required.

Advanced Placement Calculus AB

1 Credit Grades 11 - 12
Prerequisite: B or higher in Analysis of Functions with teacher recommendation

The course is designed to replicate the course work of a beginning calculus class at the college level. Students will study the content set forth by The College Board. Successful completion and satisfactory performance on the AP test can earn students college credit. *A TI-83 or TI-89 graphing calculator is required.*

Advanced Placement Calculus BC

1 Credit Grades 11 - 12
Prerequisite: Analysis of Functions with teacher recommendation

The course is designed to replicate the course work of college level Calculus. A more in-depth look at calculus

topics is studied. Students will study the content set forth by The College Board. Successful completion and satisfactory performance on the AP test can earn students college credit. College Board will award BC as well as AB scores on the culminating test for this course. A TI-83 or TI-89 graphing calculator is required.

Calculator Recommendations

- Scientific (TI-30X) - Algebra I, Algebra I Honors*, Geometry, Geometry Honors*, Algebra II*, Liberal Arts, College Review, Advanced Topics*
- Graphing (TI-83 or TI-89 Plus) – Algebra II Honors, Trigonometry, Analytic Geometry, Analysis of Functions, Calculus (AB or BC), or AP Statistics.

* Students enrolled in these classes are strongly encouraged to purchase the higher level calculator. Please consider future plans in your purchase decision, as the higher level calculators are required in many other higher level mathematics and science courses in both high school and college.

Science

Anatomy and Physiology Honors

1 Credit

Grade 10-12

The purpose of this course is to enable students to develop understanding of the relationships between the structures and functions of the human body. The content should include, but not be limited to, anatomical terminology, cells, and tissues, integumentary system, skeletal system, muscular system, nervous system, special sensory organs, endocrine system, circulatory system, respiratory system, digestive system, excretory urinary system, reproductive system, homeostasis, disease process, immune response, and inheritance: molecular, cellular, organism; mutations and genetic disorders. Opportunities to understand the interactions of science with technology and society should be provided.

Biology I

1 Credit

Grade 9

Concepts in ecology, cells, genetics, evolution, plants, invertebrates, vertebrates, and humans are presented in this prerequisite to other science courses.

Physical Science

1 Credit

Grade 10

Chemistry and physics fundamentals are studied in this laboratory-oriented, nationally acclaimed curriculum. Students investigate characteristic properties, solubility, compounds, and the periodic law; force, work, power, energy, waves, light and electricity investigations round out the year. Problem solving skills based on laboratory observations are demonstrated and developed.

Biology Honors

1 Credit

Grades 9 - 10

Prerequisite: B or higher in Physical Science

Explore all of life, from molecules to ecosystems, in this mind-engaging course. Share the excitement of research breakthroughs and begin to construct a framework of key biological concepts into which you can fit the many new things that you will learn throughout your lifetime. If you like projects, group work, and the study of nature, then this course is for you. Honors students- honors efforts- honors rewards.

Advanced Placement Biology

1 Credit

Grades 11 - 12

Prerequisite: A or B in Integrated Science I or A or B in Biology Honors; A or B in Chemistry I or Chemistry I Honors

If you want to get a jump on your college career, this course is for you. It provides a college level study in biology and prepares students to receive credit and/or appropriate placement in college biology courses. The content includes molecular and cellular biology, organismal biology, and population biology.

Marine Science Honors

1 Credit

Grades 10 - 12

Marine Science is a course designed to survey the oceans of the world with special attention paid to the Florida marine ecosystem. Topics covered in this course include the history of oceanography, sea floor features, physical and chemical oceanography, and marine organisms. Students learn to maintain marine aquaria, and learn how to take care of marine organisms.

Advanced Placement Environmental Science

1 Credit Grades 11 - 12

Prerequisite: Chemistry I or Chemistry I Honors

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the inter-relationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. There are many hands-on labs, and if you pass the AP exam, you can get college credit.

Earth Space Science

1 Credit Grade 10 - 12

Discover the beauty and violence earth has to offer, from majestic mountains to explosive volcanic eruptions. Learn about all the wonderful, yet sometimes brutal forces that make our planet unique. Then, travel through space to try to decipher man's place in the cosmos.

Chemistry

1 Credit Grades 10 - 12

Prerequisite: Physical Science, Bio Regular

This course provides students with the study of the composition, properties, and changes associated with matter. The content includes classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions and balanced equations, behavior of gases, physical changes, acids, bases and salts, and energy associated with physical and chemical changes.

Chemistry Honors

1 Credit Grades 10 - 12

Prerequisite: Passed Algebra EOC, Bio Honors, & Co-enrolled in Algebra II

A rigorous study of the composition, properties, and changes associated with matter. The content includes heat, changes of matter, atomic structure, periodic table, bonding, formulas, and equations, mole chemistry, electrochemistry, and organic chemistry.

Advanced Placement Chemistry

1 Credit Grades 10 - 12

*Prerequisite: B's or better in Chemistry Honors and**Algebra I and co-enrolled in Algebra II Recommended pass Algebra II with B's or better*

Atomic and structure, chemical bonding, nuclear chemistry, Gases, Liquids, and Solids, Reaction types, Acid-bases, Equilibrium, Kinetics, Thermodynamics, Chemical reactivity, experiences and skills students acquire in the laboratory; making observations of chemical reactions and substances; recording data; calculating and interpreting results based on the quantitative data obtained; communicating effectively the results of experimental work.

Physics Honors

1 Credit Grades 11 - 12

Co-requisite: Algebra II

Newtonian Physics at its finest! From Galileo, Kepler, Newton to Hawking, we study concrete examples of kinematics, dynamics, energy transformations, and the processes involved. You need a good working knowledge of mathematics to enjoy the equation manipulations often necessary to understand these energy transformations. Second semester, we discover concepts about light, heat, sound, magnetism, electricity, and nuclear particles. Throughout the year, you will have many hands-on lab experiences.

Advanced Placement Physics I & II

AP Physics I is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Students must be able to solve complex algebraic equations, and use trigonometric functions and geometry skills to solve problems.

AP Physics II is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Students must be able to solve complex algebraic equations, and use trigonometric functions and geometry skills to solve problems.

Social Studies

American Government

½ Credit

Grade 9

This course provides students with the opportunity to acquire an understanding of American government and political behavior. The content includes an analysis of those documents which shape our political traditions (*The Declaration of Independence*, *The Constitution*, and *The Bill of Rights*).

American Government Honors

½ Credit

Grade 9

Prerequisite: Teacher recommendation

This course provides students with the opportunity to acquire a comprehensive understanding of American government and political behavior. Students will be asked to analyze and incorporate information dealing with our political structure. Major documents dealt with in this course include *The Declaration of Independence*, *The Constitution*, and *The Bill of Rights*.

Advanced Placement American Government

1/2 credit Grades 11-12

The express purpose of this one semester course is to prepare students to take AP Exam U.S. Government and Politics. It requires a substantial amount of reading and preparation for every class as it is taught as it would be in college. The objectives of this course go beyond a basic analysis of how our government “works.” Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens.

World History

1 Credit

Grade 10

This course provides students with the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that affected humanity.

World History Honors

1 Credit

Grade 10

This course provides students with the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or process as it relates to the development of humanity. You will analyze the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this is an understanding of interpretation, and the issues of external and internal validity.

Advanced Placement World History

1 Credit

Grades 10 - 12

Experience the challenge of holding the whole world in the palm of your hands! This course (ancient history through to the present) highlights the changes in international processes and contacts. Extensive independent work, in depth analysis of documents and essay writing are essential components of this class. Participation in lively seminar discussions is required. Prepare for your future by taking this college level class today.

US History

1 Credit

Grade 11

This course provides students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of our nation.

US History Honors

1 Credit

Grade 11

This course provides students with an in-depth study of American history from colonization to the contemporary issues that face American citizens. The emphasis is on developing an understanding of American life and attitudes today by looking at our political, social, and economic past.

Advanced Placement US History

1 Credit

Grade 11

Are you a motivated, hard working student who would like to earn college credit now? This might be the course for you. AP US History is an American history course which chronicles our country's history from early exploration through to present times. Students can earn honors points for this class, as well as an opportunity to earn college credit by passing an AP exam at the end of the year. Be warned, however, that this class is not for the faint of heart. It will require a great deal of dedication and responsibility on the student's part to keep up with the work load and difficulty of this college level course. If you have strong study habits and good writing skills, take on this course.

Economics

½ Credit

Grade 12

This course provides students with the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Students will be introduced to the major characteristics of the mixed market economic system in the United States, and how the basic economic questions are answered.

Economics Honors

½ Credit

Grade 12

This course provides students with the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Students will be introduced to the major characteristics of the mixed market economic system in the United States, and how the basic economic questions are answered.

AP Microeconomics/ AP Macroeconomics

1 Credit

Grade 12

The purpose of an AP course in economics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency

and equity in the economy. If a student passes the AP exam, he or she can get college credit!

Law Studies

½ Credit

Grades 9 -12

Do you know the differences in 1st, 2nd, and 3rd degree murder? Can you tell which crimes deserve a life or death sentence? Are you interested in examining the criminal minds of serial killers such as Ted Bundy, Charles Manson, and Jeffery Dalmer? Do you know your rights if a police officer stop you? These are the questions that are answered in Law Studies, a mini-law course that examines the legal process of the U.S. with an emphasis on Florida Law. If you plan to go into law or want to be informed about the most important issues in today's society, then this course is for you!

Psychology 1

½ Credit

Grades 10 -12

Do people annoy you, or just plain seem strange? Are your relationships with parents, friends, and significant others strained? If you answered "yes" to any of these questions, then psychology has the answers for you! In psychology, we explore the eighth wonder of the world - human behavior. We will discuss topics such as intelligence, personality, stress, substance abuse, and mental disorders. You'll find out just how intelligent you are with an IQ test; what type of personality you really have; and whether or not that crazy person next to you really suffers from an undiagnosed mental disorder.

Psychology 2

½ Credit

Grades 9 - 12

Prerequisite: Psychology I

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this second introductory course includes statistical research, psychobiology, motivation and emotion, sensation and perception, states of consciousness, psychological testing, and social psychology.

Advanced Placement Psychology

1 Credit

Grades 11 - 12

WANTED: College bound juniors and seniors with motivation who are looking to finally study something useful! Slackers need not apply! In AP Psychology, we will scientifically study the causes of behavior, and prepare you to deal with the array of personalities you're destined to meet in the future. This course will build on the topics overviewed in Psychology I and II, but on a college level. All students will take the AP Exam in May and possibly earn college credit at high school prices--FREE!

Sociology

½ Credit

Grades 9 -12

Are you ready for something different? Then Sociology is the class for you! Sociology is an exciting, interactive class that allows students to experience and reflect on how individuals interact with others throughout society. Prepare yourself to violate a social norm, tie the knot with a classmate, look into the life of a criminal, create your own culture, start your own fad, analyze your past, and much more. Participation and an open mind are a must.

Latin American History

1 Credit

Grades 9 -12

The grade 9-12 Latin America History course consists of the following content area strands: World History, American History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of the Latin American people by examining the history and culture of the region with emphasis on the Caribbean Basin, Central America and South America. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of Latin America including, but not limited to, indigenous Native American population prior to the arrival of the Europeans, Spanish heritage, influence and impact of the Catholic Church on Latin American Cultures, of political systems and philosophies in Latin America societies, interaction of science and Latin American cultures, Latin American Nationalism, origin and course of economic systems and philosophies in Latin American societies, influence of major historical figures and events in Latin American History, and contemporary Latin American Affairs.

The History of Vietnam

½ Credit

Grades 9 -12

The grade 9-12 The History of Vietnam course consists of the following content area strands: United States History, World History, Civics and Government, Geography, and Humanities. The primary content emphasis for this course pertains to the study of the chronological development of the Vietnam War by examining the political, economic, social, religious, military and cultural events that affected the war. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of the war including, but not limited to, an analysis of the United States military effort and makeup in the war, and evaluation of the role of the United States home front, interpretations of the effects of the media, film and literature during and after the war, a judgement of crucial decisions made during the Vietnam War and an analysis of the resulting impact of the conflict.

Women's Studies

1/2 Credit

Grades 9 -12

The grade 9-12 Women's Studies course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the historical development of women in various cultures, the role of women in shaping history, and of contemporary issues that impact the lives of woman.

Leadership Skills Development

1 Credit

So, you want to be involved? As an elected officer or executive board member, you'll learn how to plan and implement top quality LHS events like Homecoming and Pep Rallies. You'll identify your strengths and work with others in becoming an all-around leader.

World Religions

1/2 Credit

Grades 9 -12

Ever wonder why there are so many different Christian churches? Want to know what Jews, Muslims, Buddhists, and Hindus believe? This is an elective course for students of all faiths interested in learning about the world's major religions and holidays. This course is especially appropriate for college-bound students looking for an

Advanced Placement European History

1 Credit

Grade 12

This College Board Advanced Placement course focuses on the study of European history since 1450. It introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing.

Advanced Placement Human Geography

1 Credit

Grades 9 -12

This course will introduce students to the systematic study of patterns and processes that have shaped the human understanding, use, and alteration of the Earth's surface. Methods in tools geographers use in their science and practice will also be taught. The student will take the Advanced Placement examination.

AVID I - IV

1 credit Grades 9-12

AVID is a structured, college preparatory program that focuses on students in the middle (2.0 to 3.5 GPA as one indicator) with academic potential. AVID students are enrolled in a rigorous course of study that will enable them to meet the requirements for university enrollment. The AVID elective class provides students with an opportunity to build and sharpen the skills that will help them to be successful in advanced level classes including note-taking, organization, and questioning techniques, as well as small group tutoring on a weekly basis.

Career & Technical Education

Child Development

½ Credit

Grades 9 – 12

Follow a child's development and growth from conception to grade school, using innovative tools such as electronic babies, computer technology, and exposure to "live" children in our daycare, Leto Little School.

Parenting Skills

½ Credit

Grades 9 - 12

What is the best way to care for children and teach them self-confidence and a sense of responsibility? The process of parenting involves more than having a child and providing food and shelter. In this course, students learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children.

Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course. Get started today and learn about the skills parents need to raise healthy and productive kids.

Culinary Arts I

1 Credit

Grades 9 - 12

Learn the basics of food production as used in restaurants and catering in a real-life setting. Help run student-operated cafe. Work with the foods you will be learning about in a hands-on classroom.

Culinary Arts II-IV

1 Credit

Grades 10 - 12

Prerequisite: Culinary Arts I; teacher approval

Run student-operated cafe and a catering service while learning culinary arts. Course stresses hands-on approach to learning. Learn how to bake, sauté, grill, and eat well for the rest of your life!

Early Childhood Education I

1 Credit

Grades 10 - 12

This course will offer a beginning introduction to the education principles, curriculum lesson planning, child development, health, safety, nutrition for children, and child abuse/neglect to prepare you for hands-on experience working with children.

Early Childhood Education II-IV

1 Credit Grades 10 - 12

Prerequisite: Early Childhood Education I

Do you have a knack for working with children? These courses will put teaching principles into practice preparing the student for working with children. Course content includes child psychology and development, behavioral objectives of children from birth to five years, and curriculum planning. Students will learn to interact professionally with children, parents, and staff. Students will have extensive training in our Leto Little School. A Child Care Aid Certificate will be awarded upon successful completion.

Introduction to Information Technology

1 Credit Grades 9 - 12

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software application; electronic communications including e-mail and Internet services; basic HTML, DHTML, and XML web commands and design; and emerging technologies and web page design.

Foundations of Web Design Honors (Web I)

1 Credit Grades 9 – 12

Learn about Web page creation! Students will study the history and uses of the Internet, how to create Web pages with both XHTML coding and Web page development software, and learn how to work with graphics and animation programs to create professional-looking multimedia Web Pages. You will also have the opportunity to earn Adobe Dreamweaver Industry Certification during this course.

User Interface Design Honors (Web 2)

1 Credit Grades 10 - 12

Prerequisites: Foundations of Web Design (web I) & teacher approval

This course builds upon previously acquired web page creation skills and provides higher-level applications in Web Document Development using Dreamweaver. Students will also spend time learning more advanced

features of graphic programs, and how to create interactive and animated movies using Flash. You will also have the opportunity to earn Adobe Flash Industry Certification and CIW Site Development Associate Certification during this course.

Web Scripting Fundamentals Honors (Web 3)

1 Credit Grades 11-12

Prerequisites: User Interface Design Honors (Web 2) and Teacher Approval

The course provides an introduction to scripting related to web development. The content primarily focuses on client-side scripting using JavaScript. Students have the opportunity to earn industry certification in Adobe Photoshop.

Customer Service I

1 Credit Grades 10 - 12

Prerequisites: Teacher approval

Customer Service I provides students with an introduction to the world of Customer Service. Basic principles of customer service, technology literacy related to customer service, the human relations, leadership, organization and communication skills necessary for success in the customer service industry will be covered. Students will learn valuable Microsoft Specialist certifications. Students will be assigned a work station in Leto's offices or with a teacher. Membership in the student organization DECA is strongly encouraged.

Customer Service II

1 Credit Grades 10 - 12

Prerequisites: Customer Service I & Teacher approval

Customer Service II expands upon the principles taught in Customer Service I. Subjects studied will include: Job seeking and employability skills, Managing Customer Service, Customer relations activities and Communication strategies dealing with customers. Students will earn valuable Microsoft Specialist certifications. Students will be assigned a work station in Leto's offices or with a teacher. Membership in the student organization DECA is strongly encouraged.

Customer Service III

1 Credit Grades 10 - 12

Prerequisites: Customer Service II / Teacher approval

Customer Service III is the advanced class in customer service. The students will be provided instruction with the competencies required for employment in the customer service industry. Topics covered will include: Advanced communication skills, Practical workplace skills and Fundamental Human Resources principles. Students will earn valuable Microsoft Specialist certifications. Students will be assigned a work station in Leto's offices or with a teacher. Membership in the student organization DECA is strongly encouraged.

Academy of Hospitality

Principles of Hospitality and Tourism

1 Credit Grades 10 - 12

This is the first course students take in the Academy of Hospitality & Tourism and provides an overview of the current hospitality and tourism industry. Students learn about the history of the industry and explore traveler motivation and consumer needs, the industry's economic and environmental impacts, domestic and international travel, and sales in tourism. Finally, students explore careers in the hospitality and tourism industry.

Academy Of Fashion

*All Academy of Fashion Students will become members of DECA. *

Fashion Essentials

1 Credit Grades 9 - 12
Fees Involved

Are you interested in working for yourself one day? Do you have a passion for fashion? Fashion Essentials is the class to learn the skills needed for a career in retail business. Subjects studied include career information, color, line design, and business management. Become a leader in tomorrow's fashion world. Membership in the student organization DECA is required.

Fashion Applications

1 Credit Grades 10 - 12
Prerequisites: Fashion Essentials, teacher approval
Fees Involved

Now that you have gotten the basics of the fashion industry, it's time to put those skills to work. You will learn about promotion, advertising, business ownership and management. The world of fashion offers several different careers from buying to designing, come see where you fit in. Membership in the student organization DECA is required.

Fashion Management

1 Credit *Fees Involved* Grades 9 - 12
Prerequisites: Fashion Applications
Fees involved

Fashion Management offers you the chance to put your skills to work. You will create Fashion Promotion Plans for DECA competition and assist in planning our annual fashion show. You will learn how to manage employees, the different types of textiles and how to produce fashion special events. Membership in the student organization DECA is required.

Sports Management

1 Credit *Fees Involved* Grades 9 - 12
Prerequisites: Fashion Applications
Fees involved

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare further education and careers in the Marketing, Sales and Service career cluster, provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Marketing, Sales and Service career cluster. The purpose of this program is to prepare students for employment or advanced training in the sport, recreation, and entertainment marketing and sales industry. The content includes, but is not limited to, employability skills; selling techniques; public relations and publicity; event planning and execution; and licensing, sponsorship, and endorsements.

Marketing Cooperative Education - (OJT)

1 Credit Grades 11 - 12
Prerequisites: Must be enrolled in a CTE course or completed 1 year in a CTE class.

On-the-job training, money and high school credit—it is possible to earn all three at once! Learn the skills needed for success in the world of employment. If you have a job you can get credit for working. Sign up for OJT today.

Auto Technology

Auto Technology I

1 Credit

Grade 11

Must have a 2.0 GPA, Fees involved

This program offers a general knowledge of the automotive industry. Learn the skills you need to become an Auto Repair Technician. You'll get hands-on-training in the classroom. The content includes but is not limited to planning, management, finance, technical and product skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues.

Auto Technology II

1 Credit

Grade 12

Prerequisite: Auto Technology I

Must have a 2.0 GPA, Fees involved

Start a challenging, moneymaking career as an Auto Technician. In this course you will get hands on Training in the following areas of automotive repair: electrical systems, and computerized engine controls, fuel systems, exhaust systems, braking systems, front and rear axles, differentials, and front end alignments.

Criminal Justice

Criminal Justice Operations I

1 Credit

Grades 9 - 12

Bad Boys, Bad Boys...whatcha gonna do? After taking this class, you will have all the answers to that very question! Students will be introduced to the field of law enforcement, the court system, and the correctional system.

Criminal Justice Operations II - IV

1 Credit

Grades 10 - 12

Prerequisite: Criminal Justice I, teacher approval

Have you decided criminology will definitely be in your future? This class enhances what was covered in Criminal Justice I and goes into further research, everything from street law enforcement to crime scene investigations. If *CSI* interests you, so will this class!

Through an articulation agreement with Hillsborough Community College, students that complete CJO 1-4 will be eligible for 6 college credit hours at Hillsborough Community College.

Cosmetology

Grooming/Salon Service I

½ Credit

Grade 9

**There are FEES involved.*

There is no grade limit, however students will need 3-4 years to complete entire program. If you want to become a licensed Cosmetologist, your career starts here. This course is designed to introduce students to practices, procedures, and safety rules of Cosmetology. Sciences relating to hair, skin, and salon business are covered as well.

Cosmetology II - Nails

½ Credit

Grades 9

Prerequisite: Grooming / Salon Services I.

**There are FEES involved.*

This course is designed to introduce students to a career as a Nail Tech and further their career as a professional Cosmetologist. Students will study and practice manicures, pedicures, and the application of different Artificial Nail services. Sciences relating to the above subjects will be covered.

Cosmetology III - IX

1 Credit

Grade 9

Prerequisite: Grooming / Salon Services I, Cosmetology II, and teacher approval.

**There are FEES involved.*

Students will study and practice in depth haircutting, hair coloring, facials, perms, relaxers, and all subjects relating to receiving a Florida License as they move up in this wonderful career. Upon completion, successful students will be eligible to apply to the State Board of Cosmetology for exam.

Wigs or hair pieces...waxing or shaving...bleaching or dying...manicure or pedicure? All recommendations essential to a professional Cosmetologist. Cover in-depth the skills needed to pass the State Board Licensing Requirements to ensure a career in the world of cosmetology.

Health Science Programs

Health Science I: Anatomy and Physiology

1 Credit Grades 11
Prerequisite: Medical Skills and Services, teacher approval.

Time to get serious about your interest in medicine! You will receive in-depth instruction in anatomy and physiology of each body system, with emphasis on disease and medical treatment.

Health Science II: Health Care Foundations

1 Credit Grades 12
*Prerequisite: Teacher approval and co-enrolled in Allied in Health Assistantt III. *Fees Involved**

Take everything you have learned so far, and put it to work for you. This class identifies all the competencies necessary to secure a health career occupation.

Allied Health Assisting III

1 Credit Grades 12
*Prerequisite: Teacher approval and co-enrolled in Health Science II. *Fees Involved**

Prepare students for the Nationally Certified Medical Administrative Assisting exam. Exam taken in May before Graduation. Minimum of 40 hours of Clinical Rotation in Hospital and Nursing Home. First Aid and CPR Certification. This is a hands-on course where you will go out into the workplace, and put into action all that you have learned. This class will prepare you for employment as an Administrative Medical Assistant in a variety of health care settings.

Fine Arts

Music

Band I

1 Credit Grade 9

Be a part of the finest at Leto! Join the Marching Falcons. Band I is a continued study opportunity for instrumental students who have previous middle school experience. The content includes study and performance in marching band, concert band, solo and ensemble. Band 1 is a course based on individual and group performances and includes after school rehearsals, concerts, and festivals. Beginners may be added with the approval of the instructor.

Band II-IV

1 Credit Grades 10 - 12
Prerequisite: Teacher approval

Be a part of the finest at Leto! Join the Marching Falcons. Band II-IV offers continued study for band instrumental students who have completed Band I. The content includes marching band, concert band, with moderate to difficult literature, solo, and ensemble. Band II-IV is a course based on individual and group performance and includes after-school rehearsals, concerts, and festivals.

Instrumental Tech I-IV

1 Credit Grades 9 – 12

Percussion I offers the general percussionist with previous middle school experience continued study. Percussion II-IV is for percussionists that have completed Percussion I. The content includes intense study in marching band technique and drum line performance. Individuals will audition for various parts and are required to be at all functions. Percussion I-IV is based on individual and group performance and includes after school rehearsals, concerts, and festivals.

Eurhythmics I-IV:

1/2 Credit Grades 9 – 12

Are you interested in joining the Falconettes? Here is an opportunity to join the falconettes and receive a fine arts credit. Eurhythmics is a class that teaches dance and color guard fundamentals. You will have the opportunity work with flags, rifles, sabres, and other color guard equipment.

If you are interested in supporting your school and working with the band program, this is the class for you!

Advanced Placement Music Theory

1 credit Grades 11-12

The purpose of this course is to develop the student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score. This course is open to 11th and 12th grade students who have successfully completed Level 1 and 2 Music Theory requirements.

Visual Arts

Arts Collaboration: Designing Solutions for Art, Work and Life

1 Credit Grades 10 - 12

Students in this inquiry-based course use arts processes to explore and imagine new connections and/or postulate solutions to real-world problems. Using a combined seminar, studio, and business management approach, this teacher-facilitated, yet highly independent setting requires that students use their individual strengths and interests in one or more arts, in combination with other content areas and current and emerging technology as needed, to examine local, cultural, historical, technical, and/or global interests relative to life and work in a creative, global economy.

Creating 2- Dimensional Art

½ Credit Grades 9 - 12

Students investigate a wide range of media and techniques, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Students practice new techniques, craftsmanship, and application of 21st century skills.

Creating 3- Dimensional Art

½ Credit Grades 9 - 12

Students investigate a wide range of media and techniques, as they engage in the art-making processes of

creating 3-D artworks, which may include sculpture, assemblage, and/or ceramics. Students practice new techniques, craftsmanship, and application of 21st-century skills.

2D Studio Art I

1 Credit Grades 9-12

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. Students practice sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in compositions created from observation, research, and/or imagination.

2D Studio Art II

1 Credit Grades 10-12

Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Students sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination.

3D Studio Art I

1 Credit Grades 9-12

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Working with clay, plaster, paper mache and recycled materials; students explore positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places.

3D Studio Art II

1 Credit Grades 10-12

Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Media may include, but are not limited to, clay, wood, metal, plaster, paper mache, and plastic.

Ceramics/Pottery I

1 Credit

Grades 10-12

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instructional focus will be on ceramics and/or pottery.

Ceramics/Pottery II

1 Credit

Grades 10-12

Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instructional focus will be on ceramics and/or pottery. Processes and techniques for substitution may include, but are not limited to, wheel-thrown clay, glaze formulation and application.

Portfolio Development 2D Design HONORS

1 Credit

Grades 10 - 12

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, mixed media, traditional photography, digital photography, and/or new media and emerging technologies that demonstrate understanding of design principles as applied to a 2-dimensional surface. Students' portfolios show personal vision and artistic growth over time.

Portfolio Development 3D Design HONORS

1 Credit

Grades 10 - 12

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in clay, wood, wire, glass, metal, jewelry, fabrics/fibers, fashion design, green design, industrial design, and/or objects for interior design or architecture that integrate 3-dimensional design issues in a purposeful way. Students' portfolios show personal vision and artistic growth over time.

Portfolio Development Drawing HONORS

1 Credit

Grades 10 - 12

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, and/or mixed media that emphasizes line quality, rendering of form, composition, surface manipulation, and/or illusion of depth. Students' portfolios show personal vision and artistic growth over time.

Physical Education

HOPE - Health Opportunities through Fitness

1 Credit

Grade 9

This course is a graduation requirement for all students who are freshman during and after the 2007-2008 school year. This class combines elements of both a fitness and a health class into a course suited to meet the needs of all students.

Basketball I

½ Credit

Grades 9 - 12

Hoop -- There it is! Do you dribble too much? Do you shatter backboards with your shots? We have the course for you! Learn and enjoy the game of basketball through tournaments and contests as well as individual and team competition (Includes 1 on 1, 3 on 3, and 5 on 5 games).

Beginning Volleyball

½ Credit

Grades 9 - 12

Designed to improve your volleyball skills for whatever reason you choose! You can be a great beach player, tryout for teams, or simply have fun. Proper techniques will be taught. Two, three, four, and six man tournaments will be played, but most of all we have fun. Competition at all levels.

Weight Training I

½ Credit

Grades 10 - 12

A body is a terrible thing to waste! Take your body to the next level! Provides students the opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness and athletic pursuits, improved muscular strength and endurance, and enhanced body image.

Weight Training II

½ Credit

Grades 10 - 12

Further your knowledge and physical development with weight training.

Weight Training III

½ Credit

Grades 10 - 12

Opportunities for students to further extend the acquisition of knowledge and development of skills in weight training that may be used in physical fitness pursuits, improve muscular strength and endurance, and enhanced body image.

Weights IV

½ Credit

Grades 9 - 12

Weights.... Period!!!! If you are ready to be “pumped up,” you need to sign up for this class today. Unlike Weight Training, this class will teach you how to “Max Out,” and reach your greatest lifting potential.

Soccer

½ Credit

Grades 9 - 12

Learn or improve your soccer skills. We'll have competitions from 1v1 to 11v11. Class will include work on tactics as well as techniques that will include indoor and outdoor soccer. Take your game to the next level!

Driver's Education

½ Credit

Grades 9 - 12

Prerequisites: Must be 15 years of age or older & \$40.00 fee is required.

The purpose of Driver Education is to introduce students to the transportation system and to strategies, which will develop driving knowledge, and skills related to today's and tomorrow's motorized society. \$40.00 fee is required. This fee which is collected at all high schools in the county is to help cover the costs of leasing the

automobiles, insurance, and gasoline. This program consists of classroom instruction and practice on a driving range.

(Please note: A Certified Birth Certificate or Passport, Social Security Card, and a \$40.00 fee are required. This is a three-phase program consisting of the classroom, driving range, and traffic driving)

Wrestling I

½ Credit

Grades 9 - 12

The purpose of this course is to enable students to develop basic-level knowledge and skills in wrestling and to maintain or improve health-related fitness.

Wrestling II

½ Credit

Grades 9 - 12

This course meets an elective requirement for Physical Education. The course requirements include, but are not limited to the benchmarks from the Sunshine State Standards that are most relevant to this course (www.floridastandards.org). The purpose of this course is to enable students to develop intermediate-level knowledge and skills in wrestling and to maintain or improve health-related fitness.

Reading

Intensive Reading I

2 Credits

Grade 9

IRI is a remedial class that is based upon the Balanced Literacy Model. This is characterized by explicit skill instruction in the six major areas of reading instruction: phonemic awareness, phonics, oral language, fluency, vocabulary and comprehension.

Read 180

2 Credits

Grade 9

Read 180 is an intensive reading intervention program designed to improve reading skills and raise test scores. The program addresses weaknesses in reading, writing, spelling, listening and speaking. It is designed to engage

students by offering varied instructional techniques specific to each individual student's needs.

Communications Methodology/Reading Honors

1 credit Grade 9

Communications uses close reading to allow students to grapple with text. Classroom instruction will consist of whole group, small group and individual instruction. Common Core alignment with text-dependent questions and writing prompts. Reading Honors uses the LDC Framework that leads students with a high level, rigorous and relevant task. Common Core alignment via LDC lessons.

Reading Honors/Semantics & Logic

1 Credit Grade 9

FSA Level 3
Reading Honors uses the LDC Framework that leads students with a high level, rigorous and relevant task. Common Core alignment via LDC lessons. Semantics & Logic uses the LDC Framework and embraces some ideas from AP courses. This course integrates complex text and ideas.

Semantics & Logic

½ Credit Grade 9

FSA Level 4-5
Semantics & Logic uses the LDC Framework and embraces some ideas from AP courses. This course integrates complex text and ideas.

Reading 1

1 Credit Grade 9

FSA Level 1
Prepare all students for college and career success with dynamic National Geographic content and multicultural literature. Exposes students to a balance of high-quality informational texts and literature builds academic rigor. Classroom instruction will consist of whole group, small group, and individual instruction.

Reading 2B

1 Credit Grade 10
FSA Level 1

Passport Reading Journeys III provides explicit, systematic word study, vocabulary, comprehension, and reading instruction.

Reading 2C

1 Credit Grade 10

FSA Level 2
Prepare all students for college and career success with dynamic National Geographic content and multicultural literature. Exposes students to a balance of high-quality informational texts and literature and builds academic rigor. Classroom instruction will consist of whole group, small group and individual instruction.

Reading 3 and 4

FSA Retakes Grades 11-12

The curriculum uses the Literacy Design Collaborative format and incorporates various topics that engage students in close reading and writing to prepare for the FSA.

ROTC

Naval Science I

1 Credit Grades 9 - 12

Materials: The Cadet Field Manual and Introduction to NJROTC. Content: NJROTC Core Values, Leadership, Personnel Inspections, Physical Fitness, Introduction to Military Drill, First Aid, Orienteering and Survival, Citizenship, Foundations of our Government, Naval Ships, Guitar and Naval Aviation.

Naval Science II

1 Credit Grades 10 - 12

Prerequisites: NS I, teacher approval

Materials: Maritime History and Nautical Sciences
Content: Condensed maritime history of the world and Maritime Geography, Oceanography, Meteorology and Weather, Astronomy and Physical Science.

Naval Science III

1 Credit Grades 11 - 12

Prerequisites: NS II, teacher approval

Materials: Naval Knowledge, Leadership, and Nautical Skills, Content: Sea power and national security, Naval Operations, Military Law, and International law and the sea. Shipboard organization and watch standing. Seamanship: marlinespike, deck, and small boat handling. Nautical rules of the road, navigation and time, maneuvering board. Ship construction and damage control.

Naval Science IV

1 Credit

Grades 12

Prerequisites: NS III, teacher approval

Materials: Cultural Studies: An Introduction to Global Awareness. Content: This is a customized course about the world's cultures. It is designed to introduce cadets to the study of world affairs, regional studies, and cultural awareness. It delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region.

Naval Science IV Honors

1 Credit

Grades 12

Prerequisites: NS IV, teacher approval

Materials: Leadership and Ethics (readings and selected cases from current military experience). Military ethic and case results, financial wisdom. Content: Honors Research paper and presentation related to the Naval Science curriculum. Prepare and provide a lesson plan. Prepare class presentation. Lead the class and present the material. Financial Planning, Close order drill and military ceremonial evolution, how to give instruction.

World Languages

Spanish I

1 Credit

Grades 9 - 12

Students will be introduced to the Spanish language and its culture. The students will also learn to develop communicative skills and cross-cultural understanding. The content includes listening activities in Spanish, and students are expected to speak, read, and write in Spanish.

Spanish for Native Speakers I

1 Credit

Grades 9 – 12

Prerequisites: Spanish must be written & spoken

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Language Arts Standards are also included in this course to enable students to become literate in the Spanish language and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will reflect the cultural values of Spanish language and societies.

Spanish II

1 Credit

Grades 9 - 12

Prerequisite: C or better in Spanish I.

The students will reinforce and build on the fundamental skills acquired in level I. Reading, writing, listening, and speaking skills will continue to be developed, while adding more complex grammatical structures. This course will also continue the cultural survey of Spanish-speaking people through readings, videos, and individual and group projects.

Spanish II for Native Speakers II

1 Credit

Grades 9 - 12

Prerequisites: Spanish must be written & spoken

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, as well as Spanish grammar skills acquired in Spanish for Spanish Speakers I. Students are exposed to a variety of Spanish literary genres and authors. Language Arts Standards are also included in this course to enable to become literate in Spanish and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will continue reflecting the cultural values of Spanish language and societies.

Spanish III Honors

1 Credit

Grades 9 - 12

Prerequisite: teacher recommendation

Students will expand and master their skills acquired in the first two years. The content should include expansion of vocabulary and conversational skills through discussions based on selected readings. Students' acquisition of grammatical concepts should stress activities, which are important to everyday life of Spanish-speaking people.

Spanish for Native Speakers III Honors

1 Credit

Grades 9 - 12

Prerequisite: teacher recommendation / Spanish must be written & spoken

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, as well as Spanish grammar skills acquired in Spanish for Spanish Speakers II. Students are exposed to a variety of Spanish literary genres and authors from a variety of cultural authentic sources. Language Arts Standards are also included in this course to enable to become literate in Spanish and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will continue reflecting the cultural values of Spanish language and societies.

Advanced Placement Spanish Language & Culture

1 Credit

Grades 9 - 12

Prerequisite: teacher recommendation

Students will develop oral and written fluency in the language. The content includes material determined by the College Board's Advanced Placement Program guidelines. Students will take the AP exam in the spring.

Advanced Placement Spanish Literature & Culture

1 Credit

Grades 9- 12

Prerequisite: Teacher recommendation

Students will develop oral and written fluency in the language. There will be a major concentration on Spanish literature in this class. The content includes material

determined by the Advanced Placement Program guidelines. Students will take the AP exam in the spring.

Portuguese I

1 Credit

Grades 9 - 12

Oi, tudo bem? Did you know that Portuguese is the 6th most spoken language in the world? This class is an introduction to students with little or no previous knowledge of Portuguese. Basic vocabulary and basic grammar will be learned. Our main goal is communication in Portuguese, for that reason, we will have a special emphasis on speaking and listening in the first semester. We will give greater attention to reading and writing in the second semester. Students will also be introduced to the cultures of the Portuguese-speaking world through readings of authentic materials, including native dialogues, sports, and music videos. The class is conducted mostly in Brazilian Portuguese, with occasional resort to English or Spanish for clarity purposes.

Portuguese II

1 Credit

Grades 9 - 12

This class reinforces the fundamental skills acquired by the students in Portuguese I. The course develops listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Portuguese I. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

Portuguese III Honors

1 Credit

Grades 9 - 12

This class provides mastery and expansion of skills acquired by the students in Portuguese II. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

Dual Enrollment

Leto partners with Hillsborough Community College to offer highly motivated students an opportunity to take college classes during the regular school day. These Dual

Enrollment (DE) classes give students a chance to earn both high school and college credits for courses such as English Composition and College Success. There is no cost to the student: all application fees, tuition, lab costs, and book costs are waived. This is an excellent opportunity for students to get a jump-start on college within the familiar environment of Leto High. In fact, Hispanic and African-American students who take Dual Enrollment courses are enrolling in colleges and universities at higher rates than any other ethnic group, according to HCC.

College Success (SLS 1501)

0.5 HS Credits/ 3.0 College credits Grade 9

Prerequisite: 3.0 unweighted GPA

This course is designed to provide an opportunity to learn and adapt methods necessary to achieve success in college. Topics include study techniques, communication skills, time management/planning, critical thinking, diversity issues, community and campus resources, and managing personal and relationship issues that affect many college students. The focus is on the practical application of each topic.

English Composition I (ENC 1101)

1.0 HS Credits/ 3.0 College credits Grade 11

Prerequisite: 3.0 unweighted GPA & qualifying test scores

This is a writing course that focuses on the writing process of various expository essays with consideration of the writer's purpose, audience, and tone. Students must write unified, coherent essays that include theses, introductions, body paragraphs, and conclusions. Students must also demonstrate effective sentence structure and observe conventions of standard English grammar. This class places a strong emphasis on revision and editing. This is a Gordon Rule class.

English Composition II (ENC 1102)

1.0 HS Credits/ 3.0 College credits Grade 11

Prerequisite: ENC 1101 with a minimum grade of C or S

A continuation of ENC 1101, this class focuses on writing in response to literature. Students write persuasive and literary-based critical analyses and evaluations of specific texts. Students must also demonstrate effective sentence structure and observe conventions of standard English

grammar. A documented research paper/papers is/are required. This is a Gordon Rule class.

Early American History (AMH 2010)

1/2 HS Credit/ 3.0 College credits Grade 11

Prerequisite: 3.0 unweighted GPA & qualifying test scores

This class surveys the social, economic, political, and diplomatic history of the United States to 1877. Through student materials and activities, students identify the causes of European exploration in the 15th and 16th centuries and the establishment and evolution of English colonial life. Students will also explore the events leading up to and resulting in the independence of the American colonies and the creation of the American Nation. Finally, students will investigate the expansion of the United States, the Mexican-American war, and the events leading up to and including the Civil War. Prerequisite: 3.0 unweighted GPA and a satisfactory score on a placement test.

Modern American History (AMH 2020)

1/2 HS Credit/ 3.0 College credits Grade 11

Prerequisite: 3.0 unweighted GPA & qualifying test scores

This class surveys the social, economic, political, and diplomatic history of the United States since 1877. Through student materials and activities, students identify the reasons for industrial growth in the United States and the impact of industrialization on our economic, social, and political systems. Students also examine how U.S. foreign diplomacy evolved as a result of wars and other world-wide events. Finally, students explore the progression of the civil rights movement since 1945 and analyze its influence on our society.

SPN 1120 Elementary Spanish 1

1.0 HS Credit/ 4.0 College credits Grade 10

Prerequisite: College level reading and writing skills are required

Covers the fundamental of reading, writing listening, and speaking the Spanish language while developing an understanding of the Spanish and Hispanic cultures.

SPN 1121 Elementary Spanish II**1.0 HS Credit/ 4.0 College credits** Grade 10*Prerequisite: College level reading and writing skills are required*

Reinforces the fundamental of reading, writing listening, and speaking the Spanish language while developing an under-standing of the Spanish and Hispanic cultures.

BSC 1005 and BSC 1005**Biological Foundations and Lab****1 HS Credit/4 College Credits** Grades 11*Prerequisite: College level reading, writing, and math skills are required*

Designed for non-science majors. Topics include the introduction of general biological concepts, genetics, and a brief survey of living organisms.

AST 1002C**Astronomy****1 HS Credit/3 College Credits** Grades 10*Prerequisite: College level reading, writing, and math skills are required*

An introductory course astronomy which presents a survey of the current knowledge of our universe as the contemporary, prevailing scientific, viewpoint of its nature, its origins, and the evolution and development of its constituents. Topics include our own solar system, other star systems (including planetary systems), stars in general, galaxies, quasars, the universe itself, and the prospects of intelligent life elsewhere. Where appropriate, lectures will be supplemented by hands-on student activities as well as demonstrations and audio visual presentations. A special fee will be charged for this course.

PSY 2012**Psychology****1 HS Credit/3 College Credits** Grade 10*Prerequisite: College level reading, writing, and math skills are required*

The course presents a survey of the field of modern scientific psychology. Topics include, but are not limited to, biological aspects of behavior, lifespan development, sensation and perception, learning,

memory, cognition, psychological disorders and therapy, and theories and methods used in psychological research. This course satisfies the General Education requirement.

SPC 1608**Public Speaking (Online through Research)****1 HS Credit/3 College Credits** Grade 10*Prerequisite: College level reading, writing, and math skills are required*

The discipline of communication focuses on how people use messages to generate meanings within and across various contexts, cultures, channels, and media. The discipline promotes the effective and ethical practice of human communication. Public Speaking is the process of planning and delivering a message to a large group of people in a structured and deliberate manner intended to inform, influence, and/or entertain the listeners. For this class, you will record speeches that you perform in front of your live audience.

***Rev 2015-16 School Year**