

2010 – 2011
Course Selection Guide



A.P. Leto Comprehensive High School

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

A MESSAGE FROM THE PRINCIPAL

Dear Parents and Students:

Preparing for the new school year is always an exciting time, but we have a special reason to be excited: A.P. Leto Comprehensive High School is a designated College Board EXCEerator School!

A 3½-year partnership with the College Board, EXCEerator is a model of systemic reform designed to radically increase the number and diversity of students prepared for college-level work. The project is made possible through funding from the Bill & Melinda Gates Foundation. Leto High School is honored to have been selected as one of only 27 EXCEerator high schools in five districts across the nation. The other four districts are Chicago, Denver, Washington DC, and Jacksonville. Considering that about 19,000 high schools operate across the United States, we can certainly consider ourselves members of a distinguished group!

Our participation in this ground-breaking initiative gives us a unique opportunity to take advantage of many high-quality college readiness programs, tools, and services, as well as financial support. The resources and assistance provided through EXCEerator will help us reach our goals for student achievement:

- Raise our standards and expectations for students and adults;
- Establish a college-going culture in our school; and
- Build stronger relationships between teachers and students.

Finally, as you prepare to select your classes for the upcoming school year, please be reminded that the faculty and staff of Leto High School is committed, ready, and prepared to assist you. We only ask that you EXCEL to your greatest potential; we will be there to help you obtain your dreams and guide you confidently into the future.

Sincerely,

Victor Y. Fernandez

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;
- attain an FCAT Writing score of 3.0 (or demonstrate comparable performance on Hillsborough Writing Assessment).
- demonstrate mathematical skills that include mastery of exit performance standards for Algebra I or higher level courses.
- demonstrate mastery of reading and mathematical skills as measured by the FCAT.

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 FCAT 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.

LETO HIGH SCHOOL

Administration

Principal	Victor Fernandez
Assistant Principal for Curriculum	Elizabeth Tuten
Assistant Principal for Administration	Lauren Otero
Assistant Principals for Student Affairs	Marcus Asgedom
	Walter Balser
	Shelby Savoy

Guidance

Counselor (A-GIL)	Robert Zicht
Department Chair (GIM-MOL)	Phyllis Barringer
Counselor (MOM-PAC/AVID/LYA/LYB)	Claire Noguero
Counselor (PAD-Z)	Cecerina Baez
Counselor (IMPACT/GEP)	Donna Ferking
College and Career Counselor	Mary Alice Kelley
Social Worker	Luis Ramos
School Psychologist	Rance Harbor

Department Chairs

English	Deborah Prill
	Michelle Olson (Assistant)
Mathematics	Lessa Crescenzi
Science	Roohi Abidi-Junejo
Social Studies	Jeffrey Hagenmeier
World Languages / Fine Arts	Nayvi Hernandez
Physical Education / Driver's Education	Lynn Lavalley
General	Jack Toohey
Vocational Education	Linda Cannon
Family and Consumer Science	Robert Melendi
Exceptional Student Education	Sheila Sherman

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 FCAT 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 FCAT 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 FCAT 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 FCAT 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 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.*

Literature in the Media

1 Credit

Grades 11 - 12

This course focuses on reading and understanding film as an art form. You will learn to understand how literary classics have been adapted into film; compare and contrast literature and film as narrative art forms; learn about film theory; develop the ability to analyze both literature and film; develop the ability to write critically and creatively about film; read and discuss specific short stories, plays, and novels, and view and analyze their corresponding films. Writing will consist of a response journal, film reviews, and short essays comparing and contrasting film to pieces of literature.

ESOL Classes

English I through ESOL

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 through ESOL

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 through ESOL

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 through ESOL

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 newspaper or 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-IV -- Newspaper

1 Credit

Grades 10 - 12

Prerequisite:: Teacher approval

Do you want to be part of something great? Newspaper journalism improves writing and communication skills, enables students to handle the pressure of deadlines, and provides them with a unique glimpse into the lives of the people who make up the Leto community. From news to sports to entertainment, staff members cover a range of subjects. Staff members travel to conventions where they meet and compete against other student journalists. Students are chosen through application.

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 Workshop

1 Credit

Grades 9 - 12

This course will be conducted as a writing workshop. Each student will work at his or her own pace, focusing on individual "week spots" that the teacher and student identify at the beginning of the course. In contrast to a typical classroom environment, in the Writing Workshop, the teacher will guide individual students through the writing process, while helping them strengthen specific areas or weakness.

Television Productions I - II

1 Credit

Grades 9 - 12

The purpose of *Television Productions I* is to introduce students to the basic principles of broadcast journalism. Students will learn about basic video production, the rights and responsibilities of television journalists, the use of television production equipment, the production of a television program, and the history of television. Students will also learn about various careers in the field of broadcast journalism. Students in *Television Productions* also have the opportunity to work on the school's morning television program as field reporters, anchors, and production crew.

Drama I

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 literature of the theater. Students should be introduced to the fundamentals of theatre production, which include scenery construction, costuming, lighting, and make-up. Students should be introduced to the fundamentals of acting.

Drama II

1 Credit

Grades 9 - 12

Prerequisite: Drama I

The purpose of this course is to provide intermediate development of skills useful to the study and practice of theater arts. The content should include, but not be 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 lighting styles will be explored.

Drama III

1 Credit

Grades 10 - 12

Prerequisite: Drama II

Only serious actors need 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 is expected. This course will help perfect improvisation techniques, scene study, and character analysis.

Drama IV

1 Credit

Grades 10 - 12

Prerequisite: Drama III

The content should include, but not be limited to, study and practical application in costume, scenery, lighting, 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.

Musical Theater

1 Credit

Grades 9 - 12

This course enables students to develop and synthesize fundamental elements of theatre arts into final production using varied media, techniques, and processes. This content should include, but not be limited to, the following: acting and characterization, pantomime and improvisation, and theater terminology.

Mathematics

Intensive Mathematics I , II, and III

1 Credit

Grades 9 - 12

Prerequisite: Test Scores

This course aids students in their preparation for the FCAT and Algebra I graduation requirements.

Algebra I /Algebra IA/Algebra IB

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 FCAT skills. This class is a graduation requirement.

Algebra I Honors

1 Credit

Grades 9 - 12

The purpose of this course is to provide a rigorous and in -depth study of Algebra, emphasizing deductive reasoning skills as a foundation for more advanced mathematics classes. *A graphing calculator is recommended.*

Liberal Arts Mathematics

1 Credit

Grades 10 – 11

Prerequisite: Algebra I

Designed for the student who has completed Algebra I with limited success; the purpose of this course is 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.

Advanced Algebra with Financial Topics

1 Credit

Grades 11 - 12

Prerequisite: Liberal Arts Math credit

The purpose of this course is to apply computational skills to real world consumer situations. Items covered in this course include taxes, loans, comparison shopping, and checkbook balancing.

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 10 - 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*.

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

½ 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.*

Analytic Geometry

½ Credit Grades 11 - 12
Prerequisite: Algebra II

Algebra and Geometry come together in this course. The study of lines, circles, conics, and vectors connects functions to graphs and aid students in their preparation for college level mathematics.

Analysis of Functions (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: 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: C 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 are 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

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 Honors

1 Credit

Grade 9

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.

Physical Science

1 Credit

Grade 10

This course provides opportunities to investigate the theories and ideas associated with a holistic view of the physical sciences, earth sciences, and astronomy. Students construct science knowledge by formulating questions, making predictions, planning and conducting experiments, making observations, classifying, interpreting and analyzing data, drawing conclusions, and communicating.

Integrated Science III

1 Credit

Grade 11

More advanced chemistry concepts are explored in this junior level science class, including the fundamental concepts within and earth/space science curriculum. In addition to covering topics in preparation for post-secondary education, this class emphasizes the skills necessary in order to successfully pass the FCAT Science assessment given during the junior year of high school.

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 9 - 12

Prerequisite: A or B in Biology 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.

Anatomy and Physiology Honors

1 Credit

Grades 11 - 12

Prerequisite: A or B in Physical Science and Chemistry I or Chemistry I Honors

Interested in a career in a medical field? Want to learn more about the human body, and how it works? Anatomy Honors is the course for you! Anatomical structures of all body systems and their functions are covered in depth. Observing various tissues microscopically and a detailed dissection of the cat are among the many lab experiences that await you in Anatomy Honors.

Marine Science

1 Credit

Grades 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.

Earth Space Science

1 Credit

Grades 12

Earth and Space Science provides a study of the earth's lithosphere, atmosphere, hydrosphere, and its celestial environment. This course emphasizes the study of energy at work in forming and modifying earth

materials, land forms, and continents through geological time. Students have opportunities to gain an understanding of the history of the development of the earth and space sciences, to explore the uses of knowledge of the earth and its environment in various careers, and to cope with problems related to personal needs and social issues.

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 interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine 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.

Chemistry

1 Credit Grades 10 - 12

Prerequisite: C in Physical Science and Algebra I

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: A or B in Biology I or Biology I Honors

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.

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 B

1 Credit Grades 11 - 12

Almost 75% of this course is a more in-depth repeat of first year physics: kinematics, dynamics, thermodynamics, sound, light, electricity, and magnetism. About 25% of the course is new material. There are many hands-on labs, and if you pass the AP exam, you can get college credit.

Zoology Honors

1 Credit Grades 12

Prerequisite: C in Biology I or Biology I Honors

The interrelationships that are found among different animals are examined in this rigorous course. Discover the anatomical and evolutionary differences between different species. Explore the relationship that organisms have with their environment.

Ecology

1 Credit Grade 12

This is the scientific study of the interactions between organisms and their environments. Ecology is a complex and exciting area of biology that is of critical practical importance. Learn in detail how Earth is a finite home in the vastness of space, not an unlimited frontier for human activity. The study of ecology can provide us with the basic understanding that we need to manage our planet's limited resources.

Astronomy

1 Credit

Grades 12

Don't limit your study to our small earth. Discover the cosmos! Learn about the stars, black holes, planets, and meteorites. Expand your universe!

Forensic Science Honors

1 Credit

Grade 12

Be a real-life investigator! Discover the world of forensic science. Find out how real crime scene investigators solve crimes! Learn the techniques necessary to identify evidence. Participate in solving a crime each semester. Learn the genetics that can help identify the perpetrator(s). This course is hands-on with a great deal of research and lab experience.

Space Science and Technology

1 Credit

Grades 12

Prerequisite: Algebra I & Biology I and Physical Science with a C or better

Once pure science discovers the principles it is left to the engineers of the world to apply them. This class will teach you the principles behind the technology that makes our world work. You will design and build projects to compete against other students utilizing the principles of engineering. Learn firsthand why things are made the way they are and why certain materials are chosen. Through field trips and corporate relationships the student will learn what the business world is looking for in the future designers of America. This course will discuss all types of engineering used by mankind. Areas will include but not be limited to automotive, building, architecture, space exploration, biomedics and many others.

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*.

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.

American 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.

American 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 American 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 stops 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!

Court Procedures

½ Credit

Grades 9 - 12

This class allows students the opportunity to work with attorneys from the Young Lawyers Association. It gives students the chance to learn about the court system, the gathering of evidence, the legal research involved in

putting on a trial, and the procedures used in a trial. Students will then participate in a mock trial, acting out the various roles of the court personnel. If you want drama in the courtroom, then take Court Procedures.

Psychology I

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 II

½ Credit

Grades 10 - 12

Prerequisite: Psychology I

Are you having trouble passing tests? Do you seem to forget everything? Unmotivated? Well, we may not be able to cure your inadequacies, but we can offer some clues about how the human brain works. In psychology, we explore the mind with such topics as memory, learning, dreaming, and motivation. You'll uncover your strengths and learn techniques for improving your weaknesses.

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.

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.

AVID 1 - 4

1 Credit

Grades 9 -12

AVID is Advancement Via Individual Determination. Are you motivated to go to college? Do you want to find out how to get scholarships? Do you really enjoy interacting with your peers while you study for upcoming tests, projects, and quizzes? If so, this class is for you. This elective supports your honors and advanced placement classes, while providing an encouraging atmosphere for other similar minded students. Reach for your post-high school goals. Sign-up for AVID today.

Advanced Placement Art History

1 Credit

Grades 11 -12

The AP Art History course should engage students at the same level as an introductory college art history survey. Such a course involves critical thinking and should develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting, and other media. In the course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art.

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.

Advanced Placement American Government and Politics

1/2 Credit Grades 12

A well-designed AP course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics.

Agricultural Science**Veterinary Assistant I**

1 Credit Grades 9 - 12

**There are FEES involved.*

Ag is more than just sows, cows, and plows! This course provides an introduction into the history of the animal industry, applied scientific and technological concepts, safety, and human relation skills. Outside lab activities are a must for this course.

Veterinary Assistant 2 - 5

1 Credit Grades 9 - 12

Prerequisite: Veterinary Assistant 1 and teacher approval.

**There are FEES involved.*

Are you interested in becoming a veterinarian, zookeeper, or wildlife rehabilitator? These courses explore basic skills, knowledge, and technology used in the animal science industry. Several topics covered during the course include: reproduction of selected animal species, animal safety and behavior, nutritional requirements of selected species, community/human societies, and disease/pest control. Shop activities and outside lab activities are an important part of this course.

Agribusiness Cooperative Education -- OJT

1 Credit

Prerequisite: Must be enrolled in an Agriculture course

On-the-job training, money, and high school credit - It is possible to earn all three at once! This course provides on-the-job training for an occupation or career in the agricultural industry (retail/wholesale nursery, veterinarian office, animal feed store, irrigation installation, landscape/lawn maintenance, etc.). Students are compensated for the work performed, while also earning high school credit.

Family & Consumer Science**Nutrition and Wellness**

1/2 Credit Grades 9-12

Make the choice now for a healthier you! Learn about healthy food choices, fad diets, fast food fat, weight management, and meal preparation.

Principles of Food Preparation

1/2 Credit Grades 9-12

Enjoy preparing some of your favorite foods while you learn the basics of food preparation, food selection, and storage. Become familiar with the food processor, the wok, the bread machine, the fondue pot, and many others.

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.

Family Dynamics

½ Credit

Grades 9 - 12

A strong family yields healthier and happier children... explore unique ways to have a positive family experience, including dating, engagement, and wedding planning, family activities, events, and strengthening tools for a successful future.

Culinary Operations 1

1 Credit

Grades 10 - 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 Operations 2-5

1 Credit

Grades 10 - 12

Prerequisite: Culinary Operation 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!

Fashion Design and Construction (Sewing) I and II

½ Credit

Grades 9 - 12

Students will learn to design and produce their own clothes and accessories. Students will graduate from simple hand sewing to more advanced machine techniques, including embroidery on the Design I machine. The second semester of this class builds upon the first.

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.

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.

Percussion 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.

Orchestra I-IV

1 Credit Grades 9 - 12

Orchestra includes the study and performance of orchestral music of moderate difficulty, as well as solo and ensembles. Orchestra is based on group and individual performances, including after school rehearsals, concerts, and festivals.

Chorus I

1 Credit Grades 9 - 12

An opportunity for students to participate in a choral setting that will provide foundational skills in music reading and singing, while also offering the fun of being part of an active performing group. Occasional after-school rehearsals required.

Chorus II-IV

1 Credit Grades 10 – 12

This high-energy chorus will offer both men and women the opportunity to work together as they expand their knowledge of music reading, vocal skills, and performance techniques. This chorus will perform a variety of music literature. Occasional after-school rehearsals required.

Vocal Ensemble I-IV

1 Credit Grades 10 – 12

Prerequisite: Teacher approval

This course is for advanced musicians, both vocalists and instrumentalists (drums, guitar, bass & keyboards), who enjoy learning and performing a wide variety of music and preparing high-quality entertainment. This group will perform frequently. Students are expected to purchase their performance uniforms and accessories. After-school rehearsals and extra concerts required.

Advanced Placement Music Theory

1 Credit Grades 11 - 12

Prerequisite: Teacher's approval

Serious music, vocal or instrumental student ONLY! Students will develop advanced musical skills to include construction, composition, and analysis of music. Designed for students who wish to pursue music beyond high school.

Music Appreciation

1 Credit Grades 9 - 12

Do you love music? Who doesn't!! Now is your opportunity to learn more about it! Learn the "in's and out's" of what makes music great! Join us for fun and also your performing arts credit for graduation.

Visual Arts

Art 2-D / Comprehensive I

½ Credit Grades 9 - 12

Have you ever had the desire to draw or paint? This course is an introduction to 2-dimensional art methods such as drawing, painting, color theory, mixed media, pen and ink. Media such as watercolor, acrylic, prismacolor, charcoal, and pastel will be introduced. Students will be exposed to the study of art history from various cultures, as well as contemporary works.

Ceramics/Pottery I

½ Credit Grades 9 - 12

The magical world of clay awaits you, as you will experience hand-building with the finest of clays. You will make clay stamps, coil pots, slab tiles, clay masks

from various cultures around the world, and sculpture clay heads and animals. You will learn glazing techniques, various firing styles, and learn how to critique your work. If you like to get your hands in mud, this course is for you!

Ceramics/Pottery II

1 Credit

Grades 10 - 12

Prerequisite: Ceramics/Pottery I

Students will complete projects that include lidded slab construction, Bas-relief sculpture, and large hand built vessels. Students will learn to throw clay on the potters wheel. Glazing and firing techniques will include: pit and saw dust firing, burnishing, raku, and was resist. Students will experience the world of competition, as clay projects will be entered into contests.

Art 2-D/Comprehensive III Honors

1 Credit

Grades 10 - 12

This is an intensive study of artistic styles and trends. This course will encompass portfolio building skills and documentation of work. Techniques will include oil painting, acrylics, advanced print-making, and surface design. Long-term individual projects will be assigned to prepare students for a career in the work force.

Creative Photography I

½ Credit

Grades 9 - 12

**There are FEES involved.*

Stop taking pictures. Start MAKING them. If you take this course, your snapshots will become fine art. You will learn pinhole photography, 35mm camera operation, black and white film development, printing in the darkroom, composition/ elements of art, as well as basic photo history. Students will also begin to analyze photographs using basic criticism techniques.

Creative Photography II

½ Credit

Grades 9 - 12

Prerequisite: Creative Photography I

**There are FEES involved.*

Think you know a thing or two about photography, huh? Take this course, and find out if you have what it takes to make your art even finer. This is the second level of

photography as a fine art involving more advanced techniques. Students should be familiar with the course content of the prerequisite, as the material is cumulative. Students will continue to perfect the skills learned in Creative Photography I, in addition to learning the following skills: hand-coloring, bracketing, equivalent exposures, intro to Adobe Photoshop, studio lighting/portraiture, lens types, zone focusing, and print finishing.

Drawing and Painting I

1 Credit

Grades 9 - 12

Do you want to go in-depth with your artistic talents? Then, this course is for YOU! This class has it all: pens, pencils, ink, oil-based pastels, acrylic, and water colors. Students will learn surface design techniques, such as hand painting on silk, batik, and encaustic painting.

Drawing and Painting II

1 Credit

Grades 10 - 12

Prerequisite: Drawing and Painting I

Okay, so you can paint and draw, and you think you know it all...think again! This course will bring out your greatest artistic talents, as well as building your portfolio skills. New techniques in oil painting, acrylics, advanced print making and surface design will be mastered. Individual projects will be assigned to prepare students for Advanced Placement Design Portfolio class.

Physical Education

Team Sports II

½ Credit

Grades 9 - 12

Are you a sports junkie??? Do you like sports and don't have a favorite??? This class is designed for you!!! You will be given the opportunity to learn, develop skills, practice, and participate in the following team sports: Flag Football, Basketball, Volleyball, Softball, Soccer, Gator Ball, and Flicker Ball.

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).

Basketball II

½ Credit

Grades 9 - 12

Prerequisite: Basketball I

More BASKETBALL! Add in one on one and two on two tournaments, plus individual and partner shooting contests.

Basketball III

½ Credit

Grades 9 - 12

Prerequisite: Basketball I and II

Can't get enough basketball?! Sign up for this class to fulfill your basketball dreams!

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.

Beginning Weight Training

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.

Intermediate Weight Training

½ Credit

Grades 10 - 12

Further your knowledge and physical development with weight training.

Advanced Weight Training

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.

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

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. This course also will provide an in-depth study of the scope and nature of collision problems and their solutions.

(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)

Power Lifting

½ Credit

Grades 9 - 12

WeightsPeriod!!!!!! 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.

Reading

Intensive Reading I

1 Credit Grades 9 - 10
Prerequisites: According to skill needs

The purpose of this course is the development of reading skills for students reading significantly below grade level. Guided instruction in word attack skills, vocabulary, comprehension, and study skills will be provided in this course. The development of reading as an independent activity will also be emphasized.

Intensive Reading II

1 Credit Grades 9 - 10
Prerequisites: According to skill needs

This course will continue the development of student reading skills and will include, but not be limited to: instruction in vocabulary and comprehension (literal, inferential, and evaluative), various study-skill, and test-taking strategies that suit each student's needs. Guided instruction will be provided for various purposes of reading, including literature, informational textbooks, newspapers, applications, practice tests, and editorials. An emphasis will be placed on reading as an independent activity.

Intensive Reading A, B, and C

1 Credit Grades 9 - 10
Prerequisites: According to skill needs

These courses target students that are reading slightly below grade level and helps to develop literal and inferential comprehension skills, critical reading skills, vocabulary enrichment, study skills, and test-taking skills. The development of reading as an independent activity will also be emphasized in this course.

Intensive Reading III and IV

1 Credit Grade 11-12
Prerequisites: According to skill needs; failure to meet graduation standard on FCAT reading

The content will include, but not be limited to, reading skills, test-taking skills, and content-area reading strategies related to FCAT Reading. This is a test preparation class to ready students to retake the FCAT Reading test.

Critical Thinking Skills/Advanced Communication Methods Or

Advanced Communication Methods/ Advanced Reading
 ½ Credit Grades 9 - 10
Prerequisites: According to skill needs

These courses are optimal for students reading on or above grade level, they incorporate the development of critical thinking skills and vocabulary development. Higher-order verbal/reading skills to prepare students for the SAT/ACT/CPT assessments will be emphasized.

Semantics and Logic

½ Credit Grade 9
Prerequisites: According to skill needs

This is a rigorous, college-level, critical thinking course emphasizing vocabulary development and higher-order verbal/reading skills. The students will prepare for the PSAT/SAT/CPT assessments. A special review of the PSAT verbal and writing sub-tests are included in this curriculum.

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, 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 and Naval Skills & Orientation Content: Sea power and national security, U.S. Merchant Marine, 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: Naval Leadership (readings) and Naval Ethics (cases) Content: Leadership scenes for motion pictures. How to give instruction. Military ethic/situations and case results.

Vocational Education

Business

Accounting I

1 Credit

Grades 9 - 12

Do you plan on studying business in college or working in the business world? Every business needs an accountant. Accounting is not just adding and subtracting. Learn how to prepare and interpret financial reports using Peachtree Accounting, one of the most popular computer programs used in today's businesses.

Accounting II Honors

½ Credit

Grades 10 - 12

Prerequisites: Accounting I, teacher approval

Utilize the skills learned in Accounting 1 to complete real-life business simulations. You will earn honor points in this advanced computerized course, while building a strong foundation for college accounting.

Computers for College and Career

1 Credit

Grades 9 - 12

Have you checked the employment section of the newspaper? Most of today's jobs and colleges require keyboard and computer skills. Using the latest technology, learn how to keyboard, insert graphics into documents,

write spreadsheet formulas, create computerized presentations, and develop your own database.

Computer and Business Skills

½ Credit

Grades 9 - 12

Do you really understand the computer? Learn the applications and skills needed to utilize the power of the computer in both personal and professional business settings in word processing, database construction, and spreadsheet applications.

Keyboarding and Business Skills

½ Credit

Grades 9 - 12

Why "hunt and peck" on the keyboard and waste so much time? Learn how to keyboard correctly by touch, rather than by sight. You will learn to format business letters, research papers, outlines, and spreadsheet applications.

Web Design I

1 Credit

Grades 9 - 12

Web I will guide you through the Internet basics and teaching the coding language called HTML. It will help you produce your first website and learn creative coding to enhance and beautify it to an unthinkable final project.

Web Design II

1 Credit

Grades 10 - 12

Prerequisites: Web Design I, teacher approval

If you have a site or two below your belt, and you want to buff up your skills with more advanced site-building, then Web 2 will fit your needs. Spice up your sites with some graphics and make those images transparent. Learn how to build a sturdy table or frame for your site, and how to apply advanced graphics and multimedia to a web environment. You will gain knowledge of typography, advanced web design principles, advanced multimedia, GIF animation, graphic design techniques, and web page techniques.

Digital Design I

1 Credit

Grades 9 - 12

Are you interested in the digital publishing industry? This class explores enhanced practical experiences in

computer-generated art and text, graphic design, graphic production, electronic design skills, preparation of electronic layouts and illustrations, and electronic scanning. In addition, you will develop specialized skills in multimedia presentations to include: promoting compact disks, featuring a company's services, product, catalog, individual resumes, or other visual advertising and/or communication.

Digital Design II

1 Credit

Grades 10 - 12

Prerequisites: Digital Design I, teacher approval

If you know you are going to pursue in a career in the business world, this class is a MUST! This class is designed to provide an introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organization structures, supervisory/management activities, leadership skills, human resource management activities, business ethics, and cultural diversity. The use of computers is an integral part of this program in order to promote job readiness and career development.

Academy of Hospitality

Introduction to Hospitality

1 Credit

Grades 11 - 12

Prerequisites: Co-enrolled in Lodging Principles and Lodging Applications, Teacher approval

Hyatt, Wyndham, and Marriott...if hotel employment is a career you seek, this hands-on experience is one you can't pass up. Learn all areas of restaurant and hotel operations from marketing to management.

Lodging Principles

1 Credit

Grades 11 - 12

Prerequisites: Teacher approval, co-enrolled in Introduction to Hospitality and Lodging Principles.

This course picks up where Introduction to Hospitality left off. The purpose of this class is to learn the essential skills necessary to gain successful employment in the service industry.

Lodging Applications

1 Credit

Grades 11 - 12

Prerequisites: Teacher approval, co-enrolled in Introduction to Hospitality and Lodging Applications.

Take the final step into the hospitality industry. Students will gain the knowledge required to supervise or manage a wide variety of hospitality industries. By taking all three courses simultaneously, you will gain an awareness of the skills necessary to run service-based professions.

Academy of Fashion

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

Fashion Essentials

1 Credit

Grades 10 - 12

Are you interested in working for yourself one day? Do you want to be the next Tommy Hilfiger? Then sign up for Fashion Essentials and learn the skills necessary to become a leader in tomorrow's fashion world.

Fashion Applications

1 Credit

Grades 11 - 12

Prerequisites: Fashion Essentials, teacher approval

Now that you have business savvy, it's time to put those skills to work. You can learn to create TV commercials, radio commercials, magazine ads, and newspaper ads... a whole marketing campaign. Sign up for Fashion Applications today, and run your own campaigns.

Fashion Management

1 Credit

Grades 11 - 12

Prerequisites: Fashion Applications

You're the boss! That's right; YOU'RE the BOSS, and it is time you learned how and what managers need to know in order to succeed in business. Sign up for Fashion Management today, and you will be well on your way.

Fashion On the Job Training (OJT)

1 Credit

Grades 11 - 12

Prerequisites: Must be enrolled in a Fashion course

Do you have a JOB? Do you need a JOB? Do you want to get credit for working? Then sign up today for Fashion

OJT, and learn practical, job-related skills that will help you get and keep the job you have always wanted.

Practical Arts General

1 Credit Grades 9 - 12

Prerequisites: 2.0 GPA; Assistant Principal's approval

Want to learn the INs and OUTs of how the school works? Than this is the class for you. Spend four out of you five days working with teachers and administrators throughout Leto's campus, and spend class time learning work skills that will better prepare you for working in "THE REAL WORLD."

Technology Education

Computer Systems Technology I

1 Credit Grades 9 - 12

Are you ready to join the fastest growing industry in America? This class will prepare you and train you for a career in computer electronics. This course will provide the student with the information needed to troubleshoot, repair, perform preventative maintenance, and build computer systems. Don't be left behind!

Computer Systems Technology II-III

1 Credit Grades 10 - 12

Prerequisites: Computer Systems Technology I, teacher approval.

It's time to get serious about your career in computer technology! In this class, you will be provided the understanding of how to connect computers together to share data and resources. Networking hardware and software will be the main focus. By the completion of these two courses, you will be competent to successfully enter the computer electronics industry.

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. It is strongly recommended that students have a solid background in English grammar.

Spanish I for Native Speakers

1 Credit Grades 9 - 12

This course is specially designed for students who speak Spanish as their native language. The same topics covered in Spanish I will be addressed; however, more emphasis will be placed on reading and writing Spanish.

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

1 Credit Grades 9 - 12

This course is specially designed for students who speak Spanish as their native language. The same topics covered in Spanish II will be addressed; however, more emphasis will be placed on reading and writing Spanish.

Spanish III Honors

1 Credit Grades 9 - 12

Prerequisite: C or better in Spanish II, 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.

Advanced Placement Spanish Language

1 Credit Grades 9 - 12

Prerequisite: Spanish III, 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

1 Credit Grades 9- 12
Prerequisite: Spanish III, 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.

French I

1 Credit Grades 9 - 12

Students will be introduced to the French language and its culture, and will develop communicative skills and cross-cultural understanding. The content should include beginning skills in listening and speaking, with special attention to pronunciation, and introduction to reading and writing and the fundamentals of grammar and culture.

French II

1 Credit Grades 9 - 12
Prerequisite: C or better in French I.

Students will reinforce the fundamental skills previously acquired. This course develops increased listening, speaking, reading, and writing skills, and cultural awareness. Reading and writing should receive more emphasis, while oral communication remains the primary objective. This course should continue the cultural survey of French-speaking people.

French III Honors

1 Credit Grades 9 - 12
Prerequisite: French III, teacher recommendation

Students will learn to master and expand the skills previously acquired. The content should include expansions of vocabulary and conversational skills through discussions based on selected readings. Students' acquisitions of grammatical concepts should stress activities which are important to the everyday lives of French-speaking people.

French IV Honors

1 Credit Grades 9 - 12
Prerequisite: French III, teacher recommendation
Students will expand the skills previously acquired. The content should include more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There should be additional growth in vocabulary for practical purposes, including writing. Reading should be varied.

Advanced Placement French

1 Credit Grades 9 - 12
Prerequisite: French III, 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 A.P. exam in the spring.

Portuguese I

1 Credit Grades 9 - 12

Students will be introduced to the Portuguese language and its culture. The students will also learn to develop communicative skills and cross-cultural understanding. The content includes listening activities in Portuguese and students are expected to speak, read, and write in Portuguese. It is strongly recommended that students have a solid background in English grammar.

Portuguese II -III

1 Credit Grades 9 - 12
Prerequisite: C or better in Portuguese I.

Students will reinforce the fundamental skills previously acquired. This course develops increased listening, speaking, reading, and writing skills, and cultural awareness. Reading and writing should receive more emphasis, while oral communication remains the primary objective. This course should continue the cultural survey of Portuguese-speaking people.

Public Service Studies

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 9 - 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!

Cosmetology

Grooming/Salon Service I

½ Credit Grade 9
**There are FEES involved.*

This is a nine credit course program. First year students will take this course first semester and Cosmetology II second semester. This class is an introduction into the safety rules, practices, and procedures of cosmetology. The different sciences relating to hair, skin, and nails will be covered.

Cosmetology II

½ Credit Grades 9
Prerequisite: Grooming / Salon Services I.
**There are FEES involved.*

This course will discuss hair shaping, proper style selection, and the use of proper hair cutting instruments. Learn to give your very own makeover, as you engage in the skills this class has to offer.

Cosmetology III - IX

1 Credit Grade 9
Prerequisite: Grooming / Salon Services I, Cosmetology II, and teacher approval.
**There are FEES involved.*

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 Occupations.

Medical Skills

1 Credit Grades 9-12

Are you interested in the medical field? If so, this is the class for you. You will receive the rudimentary instruction in anatomy and physiology of each body system, with emphasis on disease and medical treatment.

Health Science I

1 Credit Grades 10 - 12
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

1 Credit Grades 10 - 12
Prerequisite: Teacher approval and co-enrolled in Nursing Assistant III.

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.

Nursing Assistant III

1 Credit Grades 11 - 12
Prerequisite: Teacher approval and co-enrolled in Health Science II.

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 a Nursing Assistant in a variety of health care settings.

Home Health Aide III

½ Credit Grades 11 - 12
Prerequisite: Teacher approval

Do you have the bedside manner necessary to comfort and support a patient? This program will prepare you for employment as a Home Attendant or Home Health Aide. Completion can lead to National Board Certification.

Electrocardiograph Technology

½ Credit

Grades 11 - 12

Prerequisite: Teacher approval

Like the medical field but not the blood? This program will ready you for employment as an Electrocardiograph Technologist Aide. A strong emphasis is placed on the cardiac and vascular systems, medical ethics, and interpretation of test results.

Dual Enrollment

The following courses are offered through Hillsborough Community College, and may be taken as elective courses by college-bound seniors. Students receive both elective credit and college credit upon successful completion of the course. Be aware that while the credits earned in these courses transfer to HCC and most state universities, they may not transfer to private or out-of-state colleges and universities. In addition, students should be aware that grades earned in these classes become part of the student's permanent college transcripts.

College Algebra / Calculus for Business

1 Credit (1 Semester)

Grade 12

Prerequisite: 3.0 unweighted GPA, qualifying SAT/ACT/College Placement test scores.

The minimum required mathematics at the college level. These courses combine all of the previously learned topics and further the study of functions and their graphs.

Psychology of Personal Growth / Advanced**Psychology of Personal Growth**

1 Credit (1 Semester)

Grade 12

Prerequisite: 3.0 unweighted GPA, qualifying SAT/ACT/College Placement test scores.

Covers the origin and development of individual needs and personality patterns, approaches to self-management, and self-control and assessment of personal value systems. Emphasis is on personal awareness and experientially-based activities.