



**PATHLIGHT**  
PREPARATORY

LIGHTING THE PATH TO YOUR SUCCESS  
Learning Smarter. Aiming Higher.  
CHANGING LIVES.

## PATHLIGHT PREPARATORY

### High School (9<sup>th</sup> – 12<sup>th</sup> Grade Levels) Course Description Guide

**Pathlight Preparatory**

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The Pathlight Preparatory course catalog is to be used only by students, parents and instructors of Pathlight Preparatory

If you have any questions regarding the use of the Pathlight Preparatory course description guide, contact your course instructor, guidance counselor, or administrator.

Every effort has been made to ensure that the information in this document is accurate; however, there may be errors or omissions as this booklet is a work in progress and constantly being updated.

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## WELCOME

Welcome to Pathlight Preparatory. We are delighted that you are considering Pathlight Preparatory (PP) and look forward to the opportunity to work with you and your family and establishing a culture of collaboration and teamwork.

Pathlight Preparatory (PP) published assorted material and resources are designed to educate prospective families about the unique advantages of the Pathlight Prep experience and to assist parents in making an informed decision. As a part of our admissions process, PP, we strive to get to know our student-applicants as exceptional individuals with unique characteristics, interests, strengths and talents.

Pathlight Preparatory (PP) seeks students who have the inner drive to benefit most from attending Pathlight Prep, to attain their intellectual and athletic pursuits and who will contribute to the well-being of our school culture. Indeed, shaping a well-rounded and talented student body creates a community where education and athletics does not end at a specified timeframe. At Pathlight Prep, we all collaboratively work each day to ensure that our students develop through a vibrant and dynamic educational and athletic experience.

Selecting Pathlight Preparatory as a viable alternative educational option signifies becoming a part of a dynamic and spirited collaborative community. At Pathlight Prep, we integrate our challenging academic curriculum with a multitude of athletic, sport-specific skill development and training opportunities to discover and nurture individual interests.

On the first day of each school year, students are encouraged to strive to reach their intellectual and athletic potential in order to mature into well-rounded, socially responsible lifelong learners. Through the course of our students' academic and athletic pursuits, Pathlight Prep students shall be guided, engaged, and challenged by instructors, coaches, trainers, and mentors whose primary objective shall be to shape character, elevate learning, and further enhance athletic fitness prowess. It is this dedication to our students' moral, ethical, and inspirational formation that resonates in all aspects of our campus life, and shall differentiate Pathlight Prep from every other local, national, and international educational institution.

We encourage families and students to explore our website to begin learning more about our campus and community. Our website will offer you a glimpse at the depth of our academic and social/emotional wellness programs, however there simply is no better way to get a sense of a school's culture and atmosphere than through a visit and tour of our Pathlight Prep campus.

We hope you will have an opportunity to contact us and schedule a tour of our campus, Please, let us know how we can be of service

We look forward to meeting you and introducing you TEAM PATHLIGHT PREP!

# Letter from School Administration

Each moment of each passing day, I ask myself, what really matters in the grand scheme of things?

I guess as the person responsible for the oversight of our school, one would expect that the importance of obtaining excellent grades would be the dominant theme of this introductory letter, but in truth, the responsibility of this job, the various obstacles that some of our students, families, and faculty have encountered over the years, and the various conversations I have had with one another, have made me ever more aware that in the grand scheme this has always been an aspect of education that has been expected without question. Indeed, achieving academic excellence has always been the standard, by which success has been measured.

But in these unsteady times, I have come to the realization what truly is important is keeping perspective of events in our lives that really make life worthwhile. Certainly, Pathlight Preparatory should not only serve to educate our students, but to transform into a permanent visible fixture in our surrounding community, one that will symbolize and foster encouragement and determination.

I have realized through the course of my life that one of the most effective forces in our lives that allows us to persevere is the experience of encouragement. Encouragement is an integral part towards achieving educational success, because it is life-altering. Not only for our students receiving it, but also for our instructors and parents providing it.

At times, Pathlight Preparatory represent a home away from home to many of our students, and we must embrace encouragement in our own and our students' lives by:

- **Providing encouragement to others:**

Never pass up the opportunity to encourage others. The simplest of words of encouragement can have a profound effect on someone's life. When we encourage our students, we are giving them a reason to pursue their goal or dream. We are saying you "get it". It's not some superficial dream wandering aimlessly in their heads. It's real. It has worth. Then, when the opportunity to shine comes their way, they've got the confidence to move forward and go for it. THEY BECOME INSPIRED. By showing your support to our students, you can be the one to open the door to a child's dream. If you see a student with a unique talent, point it out and lift it up. If you've learned something, share it.

- **Accepting encouragement from others:**

It is important that our students are able to accept and acknowledge encouragement from others. Hence, this will assist our students in building their level of confidence, as they embark on accomplishing their goals and aspirations. As students accept the encouragement from others, there is something in this process that may not be easily realized. For, it is not an "I" against a "Them" mentality. For, it is the power of what "We" can all accomplish together, against all odds. When our students accept encouragement from others, they are showing their commitment to their unique potential. Accepting the encouragement that people offer as an unconditional "gift" that it truly is can have a profound effect on a student's level of compassion and humility.

- **Believing in the potential of becoming the best "I" can be:**

Once our students have truly accepted and absorbed it, and owned it as true, then they are on the way to believing in themselves. Sometimes that's hard to do when any of our students are facing social rejection, encountering academic challenges, and life events aren't perfectly fitting together as hoped... just yet. Students can embrace and accept encouragement and believe in their potential by encouraging students to partner with someone who can hold up a mirror to their thoughts, plans, goals, hopes, and dreams. Indeed, when our students are affirmed, it is empowering. And then, it becomes infectious. It feels great receiving it, so before long each student wants another student to feel the way he or she does: "PAYING IT FORWARD." GOD BLESS

Sincerely,

**Pathlight Preparatory Administration**

# About Pathlight Preparatory

## Why Pathlight Prep?

Our teacher-directed classroom discussions and instructions are supported by a collaborative student-centered philosophy and personalized learning and training approach. This remains at the forefront of Pathlight Preparatory (PP) mission which appeals to students who prefer a more holistic personal learning and training experience.

- **Personalized Student Success Plan**

Applying a personalized student success plan that encompasses a holistic approach and which recognizes that a significant amount of learning also occurs during after-school hours

- **Integrated Learning Option**

Flexibility to personalize teacher-directed classroom instructions on campus with technology integration that would improve student learning experiences, processes, and shared outcomes.

- **Small Class Sizes**

Individual attention from a faculty of industry experts

- **Financial Assistance Services and Support**

Grants, scholarships, and financial aid available for students who qualify.

- **Skill-Building Instruction**

Practical learning experiences to prepare for the modern workplace

- **In-Demand Socio-Emotional Training Programs**

Quality-Driven training provided by a united professional mentors, counselors, and instructors.

## Collaborative Learning Community

Pathlight Preparatory Collaborative Learning Community invites educators to examine what, where and how students should learn in order to thrive in a dynamic world. It invites administrators and community partners to reflect about the purpose of education in the 21st century and envision practical ways to promote relevant, deep and engaging learning for all. When teachers embrace learning for the future, they nurture expert thinking, collaboration, teamwork, and entrepreneurship. They foster intercultural understanding, environmental stewardship and global citizenship. They invite students to understand complex problems, create quality work and express themselves through traditional and new media-ultimately preparing students to live ethical and reflective lives in their rapidly changing communities.

Our Collaborative Learning Community allows a parent and student to have an opportunity to work collaboratively and with an interdisciplinary team comprised of educators, administrators, and student support services personnel to design an individualized instructional delivery plan that is both student-centered and one that complements the student's unique learning style(s). Our goal is to ensure student success by believing in our student's potential, while at the same time fostering a culture that embraces "zero tolerance for failure and mediocrity." This is accomplished by providing our students a learning environment that is rich with opportunities for success. Indeed, "our students' academic failure is our failure."

## Mission

The Mission of Pathlight Preparatory is to value diversity, inclusion, and embrace life-long collaborative partnerships among students, teachers, and parents by fostering an optimal learning environment where students can access effective instructional modalities that nurture independent critical thinking and intrinsically motivate life-long learning that is both academically challenging and responsive to students' social and emotional needs, thereby promoting and reinforcing core values that prepare students to successfully meet the challenges of a changing world in the Twenty-First Century.

## Vision

The Vision for Pathlight Preparatory is to provide an engaging and relevant curriculum to students. Student individual learning needs are identified through ongoing formative assessments in order guide appropriate and effective instructional intervention strategies that would reveal students' full potential. Pathlight Preparatory will offer a comprehensive system of supports to parents and students in order to ensure students are on track with satisfying graduation requirements and are college and career ready.

- Pathlight Preparatory Instructors believe that all students have the potential to meet or exceed academic standards. Parents, teachers, staff, and administrators work together as a professional and collaborative learning community to evaluate instructional modalities with the focus on improving student performance.
- Pathlight Preparatory Students are creative and complex thinkers, effective communicators, community/global participants, and empowered independent learners.
- Pathlight Preparatory Families work collaboratively with educators to provide the best instructional practices and strategies for their children. Together, they review student formative assessment results and collaborate on a course of instructional modalities that engages and inspire students to reach their full potential.
- Pathlight Preparatory Community of stakeholders are proactively involved and invested in support of our collaborative instructional intervention strategies to provide the best practices to ensure the success of each student. The strong connections and communication amongst educators, students, families, and the community foster an effective foundation or framework for which our strategies are established.

## Purpose

The purpose of Pathlight Preparatory is to provide an educational environment that equips students to lead fulfilling lives through learning, leadership, service, a commitment to high moral character, and spiritual enlightenment.

## Core Values

Pathlight Preparatory Core Identity is empowered by collaboration, thus our five (5) core values are:

1. **Sustainable Quality** - Our effective collaborative instructional intervention strategies have the flexibility to create a student-centered approach to learning.
2. **Student-Centered Learning** - Students of diverse backgrounds find themselves fully engaged in the learning process, as they are supported and guided by our educators to discover effective instructional intervention strategies that positively enhances their learning experience.
3. **Integrity** - Our collaborative instructional interventions are held to the highest standards of curriculum excellence so that students thrive.
4. **Innovation for Every Student** - The uniqueness of every student is matched by our instructional intervention strategies that are always innovating and advancing for the continuous improvement of the student learning experience.
5. **Collaborative Partners** - We strengthen our collaborative relationships between educators, students, families, and community in order to create an effective learning culture that supports everyone by fostering an actively engaged school community that is aware of and appreciates multiculturalism and the multi-faceted aspects of our unique identity that each of us brings forth.

## Guiding Principles

Pathlight Preparatory Six (6) Guiding Principles are:

1. Students should feel a personal connection to the Pathlight Preparatory learning experience. School guidance programs are important, as are internships and lessons customized to each student's learning style.
2. All students should be held to high academic and personal standards.
3. Students must believe that what they learn is relevant to their lives; students should be able to personalize their learning.
4. Educators should be facilitators, mentors, and coaches in the learning process. Educators MUST be proactive NOT Reactive in identifying and addressing students' strengths and challenges.
5. Each student's learning style(s) should be assessed, monitored, documented, and enhanced.
6. Obtained Data and Attained Milestones about a student's learning should be used to modify or improve his or her learning experience or instructional modality(ies) in order to enhance its overall effectiveness. Data MUST always be utilized to drive continuous school improvement.



## Diversity & Inclusion at Pathlight Preparatory

Pathlight Preparatory (PP) encourages and promotes critical thinking, dialogue, understanding and awareness in a collaborative atmosphere which students can exchange ideas. Pathlight Prep is proud of our school culture and of the ways in which we are a diverse and inclusive community. Diversity and inclusion is fundamental to the mission of Pathlight Prep. We reach out to embrace individuals of different races, ethnicities, faiths, socioeconomic circumstances and educational backgrounds. We seek students whose perspectives can contribute and broaden classroom discussions, athletic training and participation experience.

Pathlight Preparatory (PP) is committed to fostering an inclusive and diverse learning environment that continuously encourages values that recognizes our unique individuality to offer positive contributions to our united global community and our potential to achieve “excellence” through adversity.

Continuously guided by our mission as an independent teacher directed and student-centered learning environment and our core cultural principles where humility and respect are placed in the highest regard, Pathlight Preparatory (PP) embodies an environment where individuals from all backgrounds will not only feel a sense of belonging and connection, but thrive and be inspired to overcome life’s challenges.

### Diverse Faculty

Pathlight Preparatory (PP) is committed to attracting and retaining a culturally diverse instructional, coaching, and training staff of demonstrated professional excellence with an unwavering commitment to delivering an education of unsurpassed quality and breadth.

### Student Opportunities

Pathlight Preparatory (PP) admits students of any race, gender, color, religion, national or ethnic origin and does not discriminate on the basis of any of these categories or any other category protected by law in the administration of its educational policies, admissions policies, scholarship and financial aid program, athletic and other school-administered programs.

We are all collectively committed to admitting students who demonstrate academic merit, strong character, and great potential, and who contribute to a vibrant, talented, balanced, and diverse student body, reflecting a wide range of backgrounds and experiences.

## Educational Model

Pathlight Preparatory (PP) Educational Model supports the framework of Inquiry-Based Learning which relies upon the idea that students are capable of learning and mastering course content by investigating scenarios and problems, and through social experiences. Rather than having to memorize information from printed materials, instructors (teachers) direct, engage, and encourage their students to conduct investigations that would stimulate their curiosity, assist them to broaden their knowledge base and develop their critical and creative skills, as well as their mental frames of reference or point of views.

It's important to remember that inquiry-based learning is not a technique or practice per se, but an ever-evolving process that has the potential to increase the intellectual engagement and deep understanding of learners, encouraging them to:

- Develop their questioning, research and communication skills;
- Collaborate outside the classroom;
- Solve problems, create solutions, and tackle real-life questions and issues; and
- Participate in the creation and enrichment of ideas and knowledge.

### The Five (5) Stages of Inquiry-Based Learning

Pathlight Preparatory (PP) Inquiry-Based Learning includes the following five (5) stages:

1. Ask questions;
2. Probe (examine) into various situations;
3. Conduct analysis (investigations) and provide descriptions;
4. Communicate findings, verbally or in writing; and
5. Think about the information and knowledge obtained.

### The Four (4) Principles of Inquiry-Based Learning

There are four (4) principles that govern Pathlight Preparatory (PP) Inquiry-Based Learning and can be summarized as follows:

- **Principle 1**  
Students are in the center of the entire process, while instructors, resources and technology are adequately organized to support them.
- **Principle 2**  
All learning activities revolve around information-processing skills.
- **Principle 3**  
Instructors facilitate the learning process, but also seek to learn more about their students and the process of inquiry-based learning.
- **Principle 4**  
Emphasis is placed on evaluating the development of information-processing skills and conceptual understanding, and not on the actual content of the field.

## The Four (4) Forms of Inquiry

There are four (4) forms of inquiry that are commonly used in inquiry-based instruction:

### 1. Confirmation Inquiry

Students are provided with a question and method of which the end result is already known. The goal is to confirm or validate the results. This enables students to reinforce any of their already established ideas, and to practice their investigative skills.

### 2. Structured Inquiry

Learners are given the question and the method of achieving the result, but the goal is to provide an explanation that is already supported by the evidence gathered during and through the investigative process.

### 3. Guided Inquiry

Students are only given a question. The main goal is to design the method of investigation and then test the question itself. This type of inquiry is not typically as structured as the previously mentioned forms.

### 4. Open Inquiry

Students are instructed to form their own questions, design investigative methods, and then carry out the inquiry itself. They must present their results at the end of the process.

In an instructional setting, inquiry-based learning can give instructors (teachers) the opportunity to allow students to fully explore problems (conflicts - dilemmas) and scenarios, so that they can learn from not only the results, but also the process itself. Students are encouraged to ask questions, explore their environments, and obtain evidence that supports claims and results, and design a convincing argument regarding the manner on how the end results are reached.

## The Utilization of a Two-Part Approach

### Part I. Socratic Method of Teaching and Inquiry: *Fostering Critical and Analytical Thinking*

The Socratic Method of discussion facilitates a student's quest for understanding by requiring him or her to answer questions on his or her own, to ponder the validity of what others have said or written, and (not the least of which) to give reasoned support for his or her own opinion to the other students in the group.

It is not enough simply to "learn" facts, to memorize lessons, or to recite lectures. To know truly, to seek wisdom, one must work toward understanding. If the question of "what" leads us to see what we do and do not know, then the question "why" leads us to understand our world in a holistic, fundamental manner.

Within the framework of scientific skepticism, the process of critical and analytical thinking involves:

- a. acquiring information,
- b. analyze information,
- c. evaluate information,
- d. reach a well-justified conclusion or answer,
- e. explain one's conclusion, and
- f. restructure one's thinking

Part of critical and analytical thinking goes beyond informal logic, for it includes the assessment of:

- beliefs,
- identification of bias,
- distortions,
- ethics,
- misinformation,
- prejudice,
- propaganda, and
- self-deception

We believe in focusing more on teaching our students critical and analytical thinking skills, intellectual standards, and cultivating intellectual traits such as, intellectual humility, intellectual empathy, intellectual integrity, and fair-mindedness than on memorizing facts by rote learning. The ability for our students to reason and analyze logically will survive long after the retention of memorized facts are lost.

## **Part II. Aristotle's Modes of Persuasion: *Integrating Effective Speaking and Writing***

Socratic Method of education of a student will also depend on Aristotle's three-part process training of the mind or modes of persuasion:

**First**, a student absorbs knowledge - information and language mechanics (grammar/structure) that systematically constructs the foundations for logical reasoning (The Development of the *Logos*).

**Second**, the student develops the skills to utilize the knowledge - information and language mechanics (grammar and structure) that has been learned in order to think through arguments or engage in dialects that result in the development of one's unique character or identity (The Development of the *Ethos*).

**Lastly**, through the exposure of various interactions and experiences the student learns to express him or her-self through the use of one's affect, feelings or emotions as distinguished from cognition, thought, or action. As a result, the process of a student's interaction, manipulation, and application of knowledge then, becomes clearly defined (The Development of the *Pathos*).

## **Collaborative Active Learning**

The focus of Pathlight Preparatory (PP) is Collaborative Active Learning. We understand collaborative active learning in a broad sense to include active classroom activities that embody three principles.

Pathlight Preparatory (PP) Collaborative Active Learning three (3) principles or activities are:

- Unbiased-Balanced. Everyone in the collaboration is expected to contribute, which emphasizes the value of different knowledge, perspectives, and skill sets.
- Discussion-Based. The involvement of all the collaborators necessitates their interaction, which opens their horizons to new ideas and requires communication.
- Inquiry-Driven. Collaborative Learning encourages students to ask questions and to consider a variety of approaches to problems

# Instructional Design

## Collaborative Learning Activities Support Spaces (CLASS)

Pathlight Preparatory (PP) has made a firm commitment to the improvement of teaching quality. We believe that students learn more and fail less when active learning strategies are used. To this end, a Collaborative Learning Activities Support Spaces (CLASS) that facilitate collaborative active learning have been created.

In these learning spaces, faculty members utilize innovative teaching and learning strategies that promote higher order thinking that leads to better understanding and improved ability to transfer knowledge to other applications and functions. We believe that these learning spaces are an important component of PP's commitment to continuous school improvement and culture change because numerous research studies provide significant evidence that active engagement (learning) is critical to the success of students.

The Collaborative Learning Activities Support Spaces (CLASS) shall facilitate and support the basic aims of Pathlight Preparatory's overall mission and purpose:

1. Instruct students on the principles of Collaborative Active Learning.
2. Teach students how to collaborate through applications in their classes.
3. Encourage students to value and appreciate collaboration.
4. Improve student learning through Collaborative Active Learning.
5. Make Collaborative Active Learning a central feature of PP's educational aims and academic culture.

### Suitability of Instructor-Directed Courses for Collaborative Learning Activities Support Spaces (CLASS)

The Collaborative Learning Activities Support Spaces (CLASS) feature many unique characteristics that assist to support outstanding learning environments.

All of the Collaborative Learning Activities Support Spaces (CLASS) shall attempt to include the following characteristics:

- round or rectangular tables with casters for 6-8 students that instructors and learning assistants can access;
- adjustable height swivel chairs;
- projectors/screens and monitors throughout the room to ensure that all students have a good view of the materials being projected;
- portable/swivel dry erase boards with casters;
- tabletop whiteboards for each table;
- enhanced networks to accommodate courses with heavy use of technology;
- ample power outlets at the tables or around the perimeter of room; and
- sound-absorbing carpet and a splash of color on an accent wall to create an inviting learning environment.

"Pathlight Preparatory (PP) students and faculty working collaboratively to explore opportunities and discover solutions in pursuit of knowledge and love of learning."

# Core Curriculum

## Purpose:

The primary focus behind Pathlight Preparatory core curriculum is to prepare PP students for academic success in college and beyond. In line with our PP Mission and Philosophy, this goal is achieved through a balanced instructor-directed technology enhanced core curriculum. Curricular paths provide for individualized programs of study that are developed on rigorous and relevant courses. An experienced, dedicated, and diverse faculty of instructors collaborating with families to provide a student-centered comprehensive learning experience. The Pathlight Preparatory core curriculum is designed to develop academic potential and to foster inquiry, creativity, scholarship, and a thirst for knowledge.

With this in mind, Pathlight Preparatory (PP) emphasis is not only on course content matter, but more importantly on the awe-inspiring process by which one "struggles to conquer the elusive truth within, by embracing the love of learning." Hence, the PP core curriculum has been thoughtfully designed to develop academic potential and to foster inquiry, creativity, scholarship, and a lifelong love of learning. At PP, we all seek to form students who are life-long critical and creative thinkers, who grow in their understanding of content within a global context rather than fact-finding in isolation, who are called to ask critical questions, and who are ultimately called to act as life-changing leaders or agents of change within a diverse global community.

Indeed, rather than passively acquiring information and predefined explanations, students actively engage in the collaborative learning process. Instructors (teachers) actively involve and inspire students in the art of training one's mind on "how to learn, think, and create." Our core curriculum places an emphasis on teamwork, collaboration, deep understanding of content, analysis and synthesis, and the ability to apply what is learned in a multitude of challenging situations. At Pathlight Prep, reflection, action, and cooperation are key components of our comprehensive learning experience.

Pathlight Preparatory (PP) is committed to keeping class sizes small for the benefit of all learners by allowing more frequent and regular teacher to pupil interaction. All Pathlight Prep students are expected to participate in the full academic program unless a student's documented academic needs call for a modified program.

## Method:

Academic excellence is expected of all students at Pathlight Prep. Our learning environment fosters this excellence by creating a nurturing, diverse environment that celebrates the value and dignity and humility of each person. Into that environment Pathlight Prep has placed a rigorous curriculum that promotes the growth of the whole child, develops higher order reasoning skills and prepares students for a lifetime of learning.

Pathlight Prep incorporates many teaching strategies in an attempt to engage the broad spectrum of learners that we encounter. All grade level skills are developed in a spiral curriculum format where skills are introduced, developed and expanded in each grade level. These skills include standard literacy and numeracy skills as well as higher order analysis and synthesis. We also devote time to the students' executive functioning (organizational and planning) skills and develop their ability to present and communicate clearly.

In addition, technology will be taking on an increased role in the instruction of our students. All course content will integrate some level of technology into an instructor's delivery of course content. Pathlight Prep Instructors will be utilizing research and standard based course content and robust learning management delivery platform that has the capacity to support personalized, project-based, and master-based teacher-directed student collaborative learning activities, as well as other effective technological education applications to disseminate, support, and comply with their course content objectives.

Pathlight Prep student cumulative academic progress and course-specific content mastery is tracked by administration and individual course instructors through various assessment techniques and the entire school participates in standardized testing yearly utilizing the Stanford Achievement (10th Edition) to measure AYP (Adequate Yearly Progress) or year over year growth.

**"No problem can withstand the assault of sustained thinking."**

- Voltaire (François-Marie Arouet)

## Standard Graduation Requirements:

Graduation Credit Checklist: CORE CLASSES and ELECTIVES	
Subject (Courses)	Carnegie Units (CREDITS) REQUIRED
<b>English/Language Arts:</b> 1 credit (unit) English 1 1 credit (unit) English 2 1 credit (unit) English 3 1 credit (unit) English 4	4.00
<b>Mathematics:</b> <i>At or Above the Algebra I Level</i> 1 credit (unit) Algebra I 1 credit (unit) Algebra II 1 credit (unit) Geometry 1 credit (unit) from the among the following Advanced Math Courses: Pre-Calculus, Calculus, or Math for College Readiness	4.00
<b>Science: Natural Science</b> <i>Minimum of three (3) credits are required from the following available courses:</i> <i>Please note that Biology 1 is a mandatory course.</i> 1 credit (unit) Biology 1 (Mandatory)      1 credit (unit) Environmental Science 1 credit (unit) Marine Science 1              1 credit (unit) Physical Science 1 credit (unit) Chemistry 1                      1 credit (unit) Anatomy & Physiology <b>Please Note:</b> At least two credits (units) must have a laboratory component.	3.00
<b>Social Studies (Science):</b> 1 credit (unit) World History 1 credit (unit) United States History ½ credit (unit) United States Government ½ credit (unit) Economics with Financial Literacy	3.00
<b>Health:</b>	0.50
<b>World Languages:</b> MUST BE TAKEN SEQUENTIALLY IN THE SAME LANGUAGE <i>* Required to increase your chances for acceptance to a 4-year College and/or University</i> <i>** Required to qualify for the Bright Futures Scholarship Program</i> 1 credit (unit) Greek I, French I, OR Spanish I 1 credit (unit) Greek II, French II, OR Spanish II	2.00
<b>Fine and Performing Arts, Social Sciences, Speech and Debate, Practical Arts, and/or Physical Education:</b> Personal Fitness: Strength & Conditioning, Team Sports a and/or Individual Sports	1.50
<b>Additional Courses:</b> Students MUST choose six (6) additional credits from available core and/or non-core courses to achieve the maximum 24.00 credits required to satisfy Pathlight Preparatory High School Course Graduation Requirements.	6.00
<b>GPA: Students must earn a 2.0 grade point average on a 4.0 scale.</b> <div>Total:</div>	24.00

## Scholar Graduation Requirements:

Graduation Credit Checklist: CORE CLASSES and ELECTIVES	
Subject (Courses)	Carnegie Units (CREDITS) REQUIRED
<b>English/Language Arts:</b> 1 credit (unit) English 1 1 credit (unit) English 2 1 credit (unit) English 3 1 credit (unit) English 4	4.00
<b>Mathematics:</b> <i>At or Above the Algebra I Level</i> 1 credit (unit) Algebra I 1 credit (unit) Algebra II 1 credit (unit) Geometry 1 credit (unit) from the among the following Advanced Math Courses: Pre-Calculus, Calculus, or Math for College Readiness	4.00
<b>Science: <i>Natural Science</i></b> <b>Minimum of three (3) credits are required from the following available courses:</b> <b>Please note that Biology 1 is a mandatory course.</b> 1 credit (unit) Biology 1 ( <b>MANDATORY</b> )                      1 credit (unit) Environmental Science 1 credit (unit) Marine Science 1                                1 credit (unit) Physical Science 1 credit (unit) Chemistry 1                                        1 credit (unit) Anatomy & Physiology <b>Please Note:</b> At least two credits (units) must have a laboratory component.	4.00
<b>Social Studies (Science):</b> 1 credit (unit) World (Human) Geography 1 credit (unit) World History 1 credit (unit) United States History ½ credit (unit) United States Government ½ credit (unit) Economics with Financial Literacy	4.00
<b>Health:</b>	0.50
<b>World Languages: <b>MANDATORY</b></b> MUST BE TAKEN SEQUENTIALLY IN THE SAME LANGUAGE MANDATORY <i>* Required to increase your chances for acceptance to a 4-year College and/or University</i> <i>** Required to qualify for the Bright Futures Scholarship Program</i> 1 credit (unit) Greek I, French I, OR Spanish I 1 credit (unit) Greek II, French II, OR Spanish II	2.00
<b>Fine and Performing Arts, Social Sciences, Speech and Debate, Practical Arts, and/or Physical Education:</b> Personal Fitness: Strength & Conditioning, - Team Sports and/or Individual Sports	1.50
<b>Additional Courses:</b> Students MUST choose four (4) additional credits from available core and/or non-core courses to achieve the maximum 24.00 credits required to satisfy Pathlight Preparatory High School Course Graduation Requirements.	4.00
<b>GPA: Students must earn a 3.0 grade point average on a 4.0 scale.</b>	
<b>Total:</b>	<b>24.00</b>



# Diploma Designations and Endorsements:

## **I. Standard Designation**

### **Eligibility Requirements:**

1. Minimum Cumulative GPA (Grade Point Average): 2.00
2. Test Scores: Standardized Test Stanines  $\geq 4$  (SAT 10)
3. Core Courses: Required courses taken at ANY Level

## **II. Scholar Designation**

### **Eligibility Requirements:**

1. Minimum Cumulative GPA (Grade Point Average): 3.00
2. Test Scores: Standardized Test Stanines  $\geq 5$  (SAT 10)    Service Hours: 50 hours
3. Test Scores: Standardized Test Stanines  $\geq 6$  (SAT 10)    Service Hours: 25 hours
4. Core Courses: Required courses taken at ANY Level

### **Scholar Designation Endorsements:**

#### **A. Scholar MERIT Endorsement**

##### **Eligibility Requirements:**

1. Minimum Cumulative GPA (Grade Point Average): 3.00
2. Service Hours: 75 hours
3. Test Scores: Standardized Test Stanines  $\geq 7$  (SAT 10)
4. Test Scores: SAT- 1170 (Math/Verbal) OR ACT – 26 (Composite Score)
5. Core Courses: Required courses taken at ANY Level

#### **B. Scholar HONORS Endorsement**

##### **Eligibility Requirements:**

1. GPA (Grade Point Average): 3.50 Minimum weighted in core classes ONLY
2. Service Hours: 100 hours
3. Test Scores: Standardized Test Stanines  $\geq 7$  (SAT 10)
4. Test Scores: SAT- 1290 (Math/Verbal) OR ACT – 29 (Composite Score)
5. Core Courses: Required courses must ALL be taken at ANY Level

## Assessments

### Advanced Placement (AP)

Pathlight Preparatory will be offering Advanced Placement courses in the following subjects: Biology, Calculus AB, Calculus BC, Chemistry, Computer Science, English Literature, English Language, Environmental Science, European History, French Language, Government and Politics: Comparative, Government and Politics: U.S., Latin: Vergil, Macroeconomics, Microeconomics, Music Theory, Physics B, Psychology, Spanish Language, Statistics, Drawing/Studio Art, U.S. History, and World History. Juniors and seniors are advised to take no more than three AP courses in any given semester. Students must apply and be accepted into an Advanced Placement course. An Advanced Placement guide with specific information about prerequisite courses, requirements, and the application dates and process is available online and is distributed before students apply.

### PSAT

The Preliminary SAT (PSAT) is a preparatory test for the SAT. It is designed to help students identify strengths and weaknesses in preparing for their last two years of high school, as well as for the SAT. The PSAT is administered to all 10th and 11th grade students in October. Ninth grade students interested in 10<sup>th</sup> grade AP are required to take the test, but they must register through the main office and pay a small fee. The PSAT must be taken in 11th grade for students to qualify for National Merit and National Achievement scholarships.

### SAT

The SAT is generally taken by 11th and 12th grade students applying to college. The test is designed to measure both verbal and quantitative reasoning skills and is used to predict a student's college performance. Each section of the SAT is scored on a scale of 200—800, with two writing sub-scores for multiple-choice and the essay. A perfect score is 2400. It is administered seven times a year. The SAT score is accepted for admission to the majority of colleges. For more information and a list of testing dates and locations, visit [www.collegeboard.com](http://www.collegeboard.com). Pathlight Preparatory High School CEEB CODE: **101-151**

### ACT

The American College Test (ACT) may also be taken by 11th and 12th grade students who wish to apply to college and is designed to measure a high school student's general educational development and ability to succeed in college. The test covers five subject areas: English, Math, Reading, Science and an optional writing test. Each subject area is scored with a composite score for the entire test ranging from 1 – 36. This test is becoming more widely accepted as a college admission test. For more information and a list of testing dates and locations, visit [www.act.org](http://www.act.org). Pathlight Preparatory High School CEEB CODE: **101-151**

### SAT 10 (Stanford Achievement Test – 10<sup>th</sup> Edition)

The SAT-10 or Stanford Achievement Test, 10th Edition is a nationally recognized exam. The testing is used to provide achievement scores for students, teachers, and parents to better understand how well students perform in Language Arts, Reading, Math, Science and Social Sciences.

## Stanford Achievement Test Series, Tenth Edition (Stanford 10, SAT-10)

- **Purposes:**
  - To guide teaching and learning toward high achievement standards.
  - To measure performance on standards.
- **The multiple-choice assessment will help our instructors to find out what our students know and are able to do.**
  - Administrators will obtain reliable data to evaluate progress toward meeting the challenges set forth by the No Child Left Behind Act and national and state standards and high expectations.
  - Teachers will identify and help children who are at risk of being left behind.
  - Parents will understand what their children know and can do and how they can help.

### Assessment Information

- Grades: Thirteen Levels - Kindergarten - Grade 12
- Subjects: Sounds and Letters, Word Study Skills, Word Reading, Sentence Reading, Reading Vocabulary, Reading Comprehension, Mathematics, Mathematics Problem Solving, Mathematics Procedures, Spelling, Language, Science, Environment, Social Science, Listening
- Include three types of questions: multiple choice, short answer, and extended response.
- Scores
  - Criterion-Referenced Scores – four levels of performance: below basic, basic, proficient, and advanced
  - Norm-Referenced Scores – based on K-12 population
- Reports
  - Student Report – Obtain information about students' strength and needs.
  - Group Report – Analyze results by class, school, or district.
  - Home Report – Provide parents with easily understood information and suggestions for home activities.
  - (new) Performance Standards Report – Obtain standards based information about what students know and can do.

### Test Description

- Reading
  - Measure phonemic awareness, decoding, phonics, vocabulary, and comprehension.
  - Sounds and Letters - has an emphasis on phonemic awareness and phonics and closely reflects reading research findings.
  - Reading Comprehension - measures students' comprehension within the framework of three types of materials or purposes for reading: literary, informational, and functional text.
- Mathematics
  - Measure state standards including number sense and operations; patterns, relationships, and algebra; geometry and measurement; and data, statistics, and probability.
  - Mathematics Procedures - measures the ability to apply the rules and methods of arithmetic to problems that require arithmetic solutions.
- Language
  - Measures students' achievement in applying the principles that form effective writing.
- Spelling
  - Assesses objectives based upon the phonetic and structural principles taught at each grade level.

- **Listening**
  - Listening Vocabulary: students demonstrate recognition of the common meanings of spoken words encountered in various types of activities.
  - Listening Comprehension: assesses listening comprehension with dictated selections and questions that reflect the listening materials students hear in school and outside of the classroom.
- **Science**
  - The disciplines of life science, earth science, physical science, and the nature of science are represented.
  - Students must use reasoning skills throughout the test to reach answers. These skills include estimating, making simple calculations, seeking patterns, making observations, recognizing cause and effect, reading standard instruments, and drawing conclusions.
- **Social Science**
  - Social Science: measures the concepts important for the development of citizenship.
  - History: focuses on the history of the United States, the history of Western civilization, and the history of non-Western peoples and societies sharing our interdependent world.
  - Geography: tested according to the five themes of location, place, human-environment interaction, movement, and region.
  - Political Science: assesses the basic understanding of the U.S. system of government.

### **PERT (Postsecondary Education Readiness Test)**

The purpose of the P.E.R.T. is to determine accurate course placement based on the student's skills and abilities. The P.E.R.T. is aligned with the Postsecondary Readiness Competencies identified by Florida faculty as necessary for success in entry-level college credit coursework. The P.E.R.T. assessment system includes Placement and Diagnostic tests in mathematics, reading and writing.

### **Bright Futures Scholarship Program**

Florida's Bright Futures Scholarship is available to Florida residents who have demonstrated academic achievement. The scholarship provides money to assist students with the educational costs of attending college in Florida. A student must have a 3.0 cumulative grade point average or earn a numeric average of 80 in the core-curriculum units. All credits attempted in the core subjects will be averaged by using a true 4.0 scale to calculate eligibility for the Bright Futures scholarship. For additional information please visit:

# Curriculum Implications

## High School Diploma

Awarded to students who have completed all graduation requirements, which include attendance, Carnegie Units, GPA, assessment, and course requirements.

### Minimum Number of Carnegie Credits (Units) Required for Grade Placement

<u>To enter</u>	<u>Classification</u>	<u>Required Credits (Units)</u>
9 <sup>th</sup> Grade	(Freshman)	00 - 06 (0-3 Core: English, Mathematics, Social Studies, and Science)
10 <sup>th</sup> grade	(Sophomore)	06 – 12 (4 Core: 1 each in English, Mathematics, Social Studies, and Science)
11 <sup>th</sup> grade	(Junior)	12 – 18 (8 Core: 2 each in English, Mathematics, Social Studies, and Science)
12 <sup>th</sup> grade	(Senior)	18 – 24 (12 Core: 3 each in English, Mathematics, Social Studies, and Science)

## Middle School Course Work

Unit credit may be awarded for courses offered in the middle school grades that meet the following criteria:

- Must meet 9-12 Pathlight Preparatory High School Graduation requirements
- Must earn a grade of (2.00) 70 or better
- Must include Mid-Term and Final Examination Grades
- Credits (units) earned in middle school shall be counted in the total required units for high school graduation.
- The credits (units) earned in middle school will be posted on the high school transcript and will be counted towards required core or non-core courses (electives).
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## Academic Grading Scale

<b>A +</b>	<b>96 - 100</b>	<b>4.00</b>
<b>A</b>	<b>93 - 95</b>	<b>4.00</b>
<b>A -</b>	<b>92 - 90</b>	<b>3.70</b>
<b>B +</b>	<b>86 - 89</b>	<b>3.30</b>
<b>B</b>	<b>83 - 85</b>	<b>3.00</b>
<b>B -</b>	<b>80 - 82</b>	<b>2.70</b>
<b>C +</b>	<b>76 - 79</b>	<b>2.30</b>
<b>C</b>	<b>73 - 75</b>	<b>2.00</b>
<b>C -</b>	<b>70 - 72</b>	<b>1.70</b>
<b>D +</b>	<b>66 - 69</b>	<b>1.30</b>
<b>D</b>	<b>63 - 65</b>	<b>1.00</b>
<b>D -</b>	<b>60 - 62</b>	<b>0.70</b>
<b>E/F</b>	<b>Below 60</b>	<b>0.00</b>

<b>A+</b>	4.00	<b>A</b>	4.00	<b>A-</b>	3.70
<b>B+</b>	3.30	<b>B</b>	3.00	<b>B-</b>	2.70
<b>C+</b>	2.30	<b>C</b>	2.00	<b>C-</b>	1.70
<b>D+</b>	1.30	<b>D</b>	1.00	<b>D-</b>	0.70
<b>E/F</b>	0.00	<b>WF</b>	0.00	<b>WFA</b>	0.00



**PATHLIGHT**  
PREPARATORY

# CORE COURSES



# English – Language Arts

Four (4) Credits (Units) of English Are Required For:

- Standard Graduation Requirements
- Scholar Graduation Requirements

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>English 1</b>			
<b>Course Code:</b>	1001310			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Recommended: M/J Language Arts 3 (8 <sup>th</sup> Grade): NONE			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> Grade			

### Course Description

English I provides instruction in the Language Arts strands of the reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. It offers instruction in reading and vocabulary strategies necessary for comprehension of printed materials; research; the writing of effective paragraphs and multi-paragraph papers, with emphasis upon all stages of the writing process in timed and untimed assessments (prewriting, drafting, revising, editing, publishing); speech instruction including formal and informal presentations; evaluation of mass media; the analysis of genres and the study of language in conjunction with writing, concentrating on conventions of grammar, usage, and mechanics. Technology is incorporated into all aspects of the course.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>English 1 Honors</b>			
<b>Course Code:</b>	1001320			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Recommended: M/J Language Arts 3 (8 <sup>th</sup> Grade): Grade of A or B			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> Grade			

### Course Description

English I Honors promotes academic excellence in English language arts through the strands of reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. This course provides instruction in critical analysis of major literary genres. Composition instruction focuses upon using the writing process in creative, technical, and traditional academic modes in both times and untimed settings. All stages of the writing process are addressed: prewriting, drafting, revising, editing, and publishing. Formal speaking experiences are provided. Technology is incorporated into all aspects of the course.



<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>English 2</b>			
<b>Course Code:</b>	1001340			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Recommended: English 1			
<b>Recommended Grade Level(s):</b>	10 <sup>th</sup> Grade			

### Course Description

English II provides instruction in the Language Arts strands of the reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. Content includes instruction in reading literature and in vocabulary strategies necessary to comprehend printed materials; the writing of essays for various purposes and audiences, using literary and nonliterary subjects; untimed and timed writings, utilizing all elements of the writing process where appropriate (prewriting, drafting, revising, editing and publishing); emphasis of applicable research; analysis of selections found in world literature; study of grammar, mechanics, usage and other conventions of standard written English in conjunction with writing; study of mass media, including analysis of propaganda and persuasion techniques; and instruction in speech, including analysis of effective techniques in oral presentations. Technology is incorporated into all aspects of the course.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>English 2 Honors</b>			
<b>Course Code:</b>	1001350			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Recommended: English 1 (Grade of A or B) OR English 1 Honors			
<b>Recommended Grade Level(s):</b>	10 <sup>th</sup> Grade			

### Course Description

English II Honors promotes excellence in English language arts through the study of world literature. This course provides instruction in universal themes found in world literature as well as in the critical analysis of various genres in that literature. Composition instruction emphasizes the creative, technical, and traditional academic modes of writing through the writing process (prewriting, drafting, revising, editing, and publishing); frequent timed and untimed practice is provided. The study of language includes usage, mechanics, and other conventions of standard written English as they relate to students' writing. Formal and informal speaking opportunities are provided. Vocabulary study is done in conjunction with reading and literature. Technology is incorporated into all aspects of the course.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>English 3</b>			
<b>Course Code:</b>	1001370			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Recommended: English 2			
<b>Recommended Grade Level(s):</b>	11 <sup>th</sup> Grade			

### Course Description

English III provides instruction in the Language Arts strands of reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. Composition instruction includes frequent practice in writing various types of multi-paragraph papers, including documented papers/projects. Referencing and summarizing skills will be stressed as well as all phases of the writing process (prewriting, drafting, revising, editing, and publishing). This study will include the analysis of representative examples of American literary works in various genres, as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary, grammar, and usage are studied in conjunction with literature and writing. Listening, speaking, researching, and writing assignments are related to the study of American literature. Technology is incorporated into all aspects of the course.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>English 3 Honors</b>			
<b>Course Code:</b>	1001380			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	English 2 (Grade of A or B) OR English 2 Honors			
<b>Recommended Grade Level(s):</b>	11 <sup>th</sup> Grade			

### Course Description

This course promotes excellence in English language arts through enriched experiences through the strands of reading process, literary analysis, writing process, writing applications, communication, and information and media literacy. Instruction includes frequent practice in writing various types of multi-paragraph essays, including documented papers; written and oral analysis of American literature representing the ethnic and cultural diversity of the American experience; and analysis of American dialects reflected in the literature. Reference skills and methods of summarizing are taught in the production of documented papers/projects. All phases of the writing process are utilized where appropriate (prewriting, drafting, revising, editing, and publishing). Formal and informal speech experiences are provided. Technology is incorporated into all aspects of the course.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>English 4</b>			
<b>Course Code:</b>	1001400			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Recommended: English 3			
<b>Recommended Grade Level(s):</b>	12 <sup>th</sup> Grade			

### Course Description

English IV provides instruction in the critical analysis of representative examples from British literature, as they reflect changes in the language and the development of the literary traditions of the English language. Writing experiences are structured to provide practice in real-life writing situations likely to be encountered beyond secondary school, including technical, creative, and traditional academic modes. Opportunity is provided to extend speaking, researching, and listening skills. Content includes instruction in vocabulary strategies and reading necessary for comprehension of printed materials. Technology is incorporated into all aspects of the course.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>English 4 Honors</b>			
<b>Course Code:</b>	1001410			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	English 3 (Grade of A or B) OR English 3 Honors			
<b>Recommended Grade Level(s):</b>	12 <sup>th</sup> Grade			

### Course Description

English Honors IV promotes excellence in English language arts through enriched experiences in communication skills and instruction in the literature of Great Britain. Instruction will cover the written and oral analysis of major British literary works of various genres in relationship to cultural influences and to the development of the literary traditions of the English language. Writing assignments will develop students' abilities to interpret literature and analyze it critically. All phases of the writing process will be utilized where appropriate (prewriting, drafting, revising, editing, and publishing). Students will also extend their speaking, researching, and listening, skills. Language study should include vocabulary and grammar in the context of literature and writing and an overview of the history of the language as reflected in literature. Technology is incorporated into all aspects of the course.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>Journalism</b>			
<b>Course Code:</b>	1006300			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to provide instruction in basic aspects of journalism and workshop experiences in journalistic production. This course is designed to be a broad-based course which will acquaint the student with the fundamentals of journalism. The content includes instruction in the history and traditions of journalism, photography, layouts, advertising, printing, and other practical aspects of journalism. The student will be involved in workshop experiences that may include writing editorials, sports and news articles, advertising, or feature stories.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>Creative Writing</b>			
<b>Course Code:</b>	1009320			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to develop writing and language skills needed for individual expression in literary forms. The content will include development of and practice in writing a variety of literary works, including original poetry, short stories, plays, novels and/or essays, and nonfiction as well as technical aspects of publishing students' work in a literary publication.

<b>Subject Area:</b>	<b>English – Language Arts</b>			
<b>Course Name:</b>	<b>Speech &amp; Debate</b>			
<b>Course Code:</b>	1007300.10 -1007330.10 (Course Integration)			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	<b>Per Semester:</b>	<b>Min. 67.5 hrs.</b>	<b>Full Year:</b>	<b>Min. 135 hrs.</b>
<b>Course Credits (Units):</b>	<b>Per Semester:</b>	<b>0.50 credits</b>	<b>Full Year:</b>	<b>1.00 credits</b>
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

## Course Description

This course explores concepts in public speaking, critical thinking, argument and debate. Students will study different styles of speeches and debates, learn rhetorical strategies and practice the art of debate. A major focus of the class will be the elements of rhetoric as it pertains to information, persuasion and debate.

The students will give several speeches and debate with classmates, and they potentially will have the opportunity to compete in speech/debate tournaments. Various styles of speech and debates will be studied, including: persuasion, impromptu, extemporaneous, and debate. Extensive research of famous speeches and debates and their impact on the culture of the time, detailed study, application and integration of persuasive techniques, and analysis of current events and the speeches and debates that accompany them will be integral to the class.

The purpose of this course is twofold:

- provide instruction in the fundamentals of argumentation and problem solving. The content will include, but not be limited to, logical thinking, organization of facts, speaking skills, research skills related to debate topics, participation in frequent debate situations, and forensic activities. Membership in this course does not require students to participate in extracurricular forensic activities.
- to provide instruction in the fundamentals of formal and informal oral communication. The content will include an introduction to the skills and forms of both formal and informal oral communication. Major instructional areas will include forms of oral communication, techniques of group discussion, techniques of effective listening, analysis of audience, and techniques of public speaking.



# Mathematics

Four (4) Credits (Units) of English Are Required For:

- Standard Graduation Requirements
- Scholar Graduation Requirements

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Algebra 1</b>			
<b>Course Code:</b>	1200310			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Recommended: M/J Math 3 (8 <sup>th</sup> Grade) OR Pre-Algebra			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> Grade – 12 <sup>th</sup> Grade			

### Course Description

This course is a study of the topics of Algebra I designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world mathematics problems. The content will include: properties of the real number system; varied means for analyzing and expressing patterns, relations and functions; variables, algebraic expressions and polynomials; geometric concepts; set operations; dimensional analysis; data analysis concepts and techniques; and varied solution strategies, algebraic and graphic, solutions for inequalities, linear and quadratic equations, and systems of equations. Calculators and computers will serve as instructional tools in concept development.

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Algebra 1 Honors</b>			
<b>Course Code:</b>	1200320			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Recommended: M/J Math 3 (8 <sup>th</sup> Grade): Pre-Algebra - Grade of A or B			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> Grade – 12 <sup>th</sup> Grade			

### Course Description

This course is a rigorous in-depth study of the topics of Algebra I designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world mathematics problems. The content will include: structure and properties of the real number system; varied means for analyzing and expressing patterns, relations and functions; variables, algebraic expressions and polynomials; geometric concepts; set operations; dimensional analysis; data analysis concepts and techniques; and varied solution strategies, algebraic and graphic, for inequalities, linear and quadratic equations, and for systems of equations. Calculators and computers will serve as instructional tools in concept development.

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Algebra 2</b>			
<b>Course Code:</b>	1200330			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Algebra 1 or Algebra 1 Honors			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grade			

### Course Description

This course is designed to continue the study of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. The content will include: structure and properties of the complex number system; sequences and series; relations; functions and graphs; varied solution strategies for linear equations, inequalities, and systems of equations and inequalities; quadratic, exponential, and logarithmic functions; and their applications; data analysis; reinforcement of geometric concepts, and probability. Calculators and computers will serve as instructional tools in concept development.

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Algebra 2 Honors</b>			
<b>Course Code:</b>	1200340			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Algebra 1 or Algebra 1 Honors (Grade of an A or B)			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grade			

### Course Description

This course is a rigorous in-depth study of the topics of Algebra II with emphasis on theory, proof, and development of formulas, as well as their application. The content will include: structure and properties of the complex number system; sequences and series; relations; functions and graphs; varied solution strategies for linear equations, inequalities, and systems of equations and inequalities; conic sections and their applications; quadratic, exponential, and logarithmic functions; and the Binomial Theorem. Calculators and computers will serve as instructional tools in concept development.



<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Geometry</b>			
Course Code:	1206310			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	Algebra 1 or Algebra 1 Honors			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grade			

### Course Description

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. The content will include Euclidean geometry of lines, planes, angles, triangles, construction and logic, and properties of circles, polygons, right triangle trigonometry, and reinforcement of algebraic concepts. Calculators and computers will serve as instructional tools in concept development.

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Geometry Honors</b>			
Course Code:	1206320			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	Algebra 1 or Algebra 1 Honors (Grade of an A or B)			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grade			

### Course Description

This course is designed to give a rigorous in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. The content will include the following: structure of geometry; separation properties; angle concepts; triangles, quadrilaterals; proofs, perpendicularity and parallelism in a plane and in space; similar polygons; circles and spheres; constructions; area and volume; coordinate geometry, and topology. Calculators and computers will serve as instructional tools in concept development.

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Pre-Calculus Honors</b>			
<b>Course Code:</b>	1202340			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Algebra 2 (Algebra 2 Honors) and Geometry (Geometry Honors)			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grade			

### Course Description

This course is designed to strengthen and extend the student's knowledge of algebraic and trigonometric concepts and to prepare the student for calculus. The content will include mathematical induction, symbolic logic, Boolean and matrix algebra, probability and statistics, elementary functions and limits. Calculators and computers will serve as instructional tools in concept development.

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Calculus Honors</b>			
<b>Course Code:</b>	1202230			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Pre-Calculus Honors			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grade			

### Course Description

This course is intended for students who have a thorough knowledge of college preparatory mathematics and elementary algebraic, trigonometric, exponential, and logarithmic functions. Topics from the AP course are presented with increased rigor and more applications in addition to other topics required by the IB higher level mathematics.

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Math for College Readiness</b>			
<b>Course Code:</b>	1200700			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Algebra 2 (Algebra 2 Honors) and Geometry (Geometry Honors)			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grade			

### Course Description

The purpose of this course is to enhance and continue the study of mathematics after Algebra I, Algebra II, and Geometry designed to prepare students for college-level studies. The content will include graphing linear functions, quadratic functions, absolute value functions, radical functions and rational functions. Students will also be expected to solve equations containing these types of functions as well as performing operations on expressions and simplifying. Other topics will include inequalities, factoring polynomials, applied problems, and systems of equations. Students will participate in assessment for college readiness. Calculators and computers will serve as instructional tools in concept development.

<b>Subject Area:</b>	<b>Mathematics</b>			
<b>Course Name:</b>	<b>Advanced Algebra with Financial Applications</b>			
<b>Course Code:</b>	1200500			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Algebra 2 (Algebra 2 Honors) and Geometry (Geometry Honors)			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grade			

### Course Description

The purpose of this course is to enhance and continue the study of mathematics after Algebra I, Algebra II, and Geometry, and to provide an understanding of financial applications, as well as provide additional tools to ready students for college-success. The content will include the following: explorations of functions, graphs (linear, exponential, and logarithmic), data analysis concepts and techniques, financial applications which include money and taxes, debt, budgeting, investments, mortgages, insurance, and financial planning. Calculators and computers will serve as instructional tools in concept development.



# Science

Three (3) Credits (Units) of Standard Are Required for:

- Standard Graduation Requirements

Four (4) Credits (Units) of Standard Are Required for:

- Scholar Graduation Requirements

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Biology 1</b>			
Course Code:	2000310			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	N/A			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Biology I will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include but not be limited to: the scientific method, measurements, laboratory apparatus usage and safety, cell biology and cell reproduction, principles of genetics, biological change through time, classification, microbiology, structure and function of plants and animals, structure and function of the human body, and ecology. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Biology 1 Honors</b>			
Course Code:	2000320			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	Grades of A or B – Instructor Recommendation – Algebra 1			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Biology I Honors will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include but not be limited to: the scientific method, laboratory apparatus usage and safety, biochemistry, cell biology, genetics, botany, zoology, human anatomy and physiology, and ecological relationships. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Chemistry 1</b>			
Course Code:	2003340			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	N/A – Algebra 1			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Chemistry I will provide opportunities for students to study the composition, properties, and changes associated with matter. Topics will include but not be limited to: classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions, balanced equations, behavior of gases, physical changes, acids, bases, and salts. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Chemistry 1 Honors</b>			
Course Code:	2003350			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	Grades of A or B – Instructor Recommendation – Algebra 1			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Chemistry I Honors will provide students with an opportunity to study the composition, properties and changes associated with matter. Topics will include but not be limited to: heat, changes of matter, atomic structure, bonding, the periodic tables, formulas, equations, mole concept, gas laws, reactions, solutions, equilibrium systems, and oxidation reduction reactions. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Earth &amp; Space</b>			
<b>Course Code:</b>	2001310			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to develop and apply concepts basic to the Earth, its materials, processes, history, and environment in space. The content should include, but not be limited to, the following: • the nature of science • the universe and the solar system • the developmental cycle of stars • the earth-moon system • space exploration • formation of igneous, sedimentary, and metamorphic rocks and identification and classification of rocks and minerals • geological divisions of the earth • formation of land forms and basic mountain types • fundamentals of plate tectonics • formation of rivers and water systems • glaciers • hydrologic cycle • physical oceanography • meteorology, including development of hazardous weather, weather mapping, weather systems, frontal development, and satellite imagery • types of soils and erosion - renewable and nonrenewable energy resources.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Earth &amp; Space Honors</b>			
<b>Course Code:</b>	2001320			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation – Algebra 1			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to develop and apply concepts basic to the Earth, its materials, processes, history, and environment in space. The content should include, but not be limited to, the following: • the nature of science • the universe and the solar system • the developmental cycle of stars • the earth-moon system • space exploration • formation of igneous, sedimentary, and metamorphic rocks and identification and classification of rocks and minerals • geological divisions of the earth • formation of land forms and basic mountain types • fundamentals of plate tectonics • formation of rivers and water systems • glaciers • hydrologic cycle • physical oceanography • meteorology, including development of hazardous weather, weather mapping, weather systems, frontal development, and satellite imagery • types of soils and erosion • renewable and nonrenewable energy resources This course will include additional requirements to provide for a more in-depth or enriched study of the course requirements than Earth/Space Science.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Environmental Science</b>			
<b>Course Code:</b>	2001340			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to enable students to develop knowledge of the ways that humans interact with the natural environment. Laboratory investigations of selected topics in the content, which also include use of the scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. Inquiry into current technology and applications of environmental scientific principles is encouraged. The content should include, but not be limited to, the following: • implementation of scientific habits of mind • application of scientific knowledge, methodology, and historical context to solve problems • use of laboratory technologies • terminology • earth dynamics • influence of technology on environmental quality • environmental quality issues • use and conservation practices • biodiversity • environmental planning and waste management • environmental monitoring and policy • sustainable use of public land • characteristics of populations • biotic and abiotic environmental factors • energy production technologies • thermodynamics.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Environmental Science Honors</b>			
<b>Course Code:</b>	2001341			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation – Algebra 1			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to study the interaction of man with the environment. Upon completion of this course, students should be able to: • Demonstrate understanding of the interrelationships of the natural world. • Identify and analyze environmental problems, both natural and human-generated. • Evaluate the relative risks associated with natural and human-generated environmental problems. • Analyze alternative solutions for resolving and/or preventing environmental problems. • Use the scientific method to solve problems, employ metric measurements, and demonstrate safe and effective use of laboratory instruments. 128 • Identify the effects of technology on air, water, and land quality and identify possible solutions for negative impacts. • Develop understanding of how human population growth and human development affect local human, vegetative, and wildlife communities, and impact other natural resources. • Describe methods which individuals and industries can employ to conserve natural resources and energy. • Compare the effects of different methods of conservation in various parts of the world. • Identify examples of environmental planning and waste management that have been used in the local community and explain their impact. • Analyze the present and future effects of various preservation or conservation efforts on the local community.



<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Marine Science 1</b>			
Course Code:	2002500			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	N/A			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to provide an overview of the marine environment. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. The content should include, but not be limited to, the following: • the nature of science • the origins of the oceans • the chemical, physical, and geological aspects of the marine environment • ecology of various sea zones • marine communities • the diversity of marine organisms • characteristics of major marine ecosystems • characteristics of major marine phyla/divisions • the interrelationship between man and the ocean.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Marine Science 1 Honors</b>			
Course Code:	2002510			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	Grades of A or B – Instructor Recommendation – Algebra 1			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to provide an overview of the marine environment. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. The content should include, but not be limited to, the following: • the nature of science • the origins of the oceans • the chemical, physical, and geological aspects of the marine environment • ecology of various sea zones • marine communities • the diversity of marine organisms • characteristics of major marine ecosystems • characteristics of major marine phyla/divisions • the interrelationship between man and the ocean. This course will include additional requirements to provide for a more in-depth or enriched study of the course requirements than Marine Science 1.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Physical Science</b>			
Course Code:	2003310			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	N/A			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Physics and chemistry, particularly mechanics, the laws of motion, energy, electricity, magnetism, the elements, molecules, atoms, sub-atomic particles, nuclear reactions, light, heat, the periodic table, organic chemistry, and bio-chemistry, are introduced. Laboratory activities are an integral part of this course.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Physical Science Honors</b>			
Course Code:	2003320			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	Grades of A or B – Instructor Recommendation – Algebra 1			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Physical science is a discipline that encompasses principles of basic chemistry, physics and mathematics. This subject provides students with the basic foundation to continue further study in earth and space science, biology, chemistry and physics. Physical science affords students the opportunity not only to learn scientific principles and concepts, an emphasis will also be placed on problem solving and critical thinking skills. The course is heavily oriented towards laboratory investigations.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Physics 1</b>			
Course Code:	2003380			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	Grades of B – Instructor Recommendation – Algebra 2			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Physics I will provide students with an in-depth study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Topics will include but not be limited to: kinematics, dynamics, energy, work, power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, and nuclear physics. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Physics 1 Honors</b>			
Course Code:	2003390			
Course Category:	Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	Grades of A – Instructor Recommendation – Algebra 2			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Physics I Honors will provide students with an in-depth study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Topics will include but not be limited to: kinematics, dynamics, energy, work, power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, and nuclear physics. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course. This course will also provide students with a college level course in physics and will prepare students to seek credit and/or appropriate placement in college physics courses. Topics will include but not be limited to: kinematics, Newton's Laws of Motion, conservation laws in classical mechanics, torque, rotational equilibrium, gravitation, oscillation, kinetic theory and thermodynamics, electrostatics, electric currents, magnetism, waves and optics, and modern physics. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Sports Science 1</b>			
<b>Course Code:</b>	2001820			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

## Course Description

Sports Science course consists of two components - Sports Medicine and Sports Exercise:

Firstly, the course provides students with the opportunity to study the field of Sports Medicine Science concerned with injuries sustained in athletic endeavors, including their prevention, diagnosis, and treatment. The purpose of injury prevention and treatment is to maintain optimal health and maximize peak performance. Traditionally, sports medicine was the sole domain of the team doctor, who worked mostly with college, professional, and Olympic athletes. Today, however, the sports medicine team represents many disciplines including, for example, athletic training, biomechanics, exercise physiology and nutrition. Sports medicine specialists also work with nonprofessional athletes and those participating in various recreational activities, such as children involved in youth sports or older adults training for foot races.

Secondly, the course provides students with the opportunity to study Sports Exercise Science. Sports Exercise Science is the study of movement and the associated functional responses and adaptations. In this context, an exercise scientist must understand the scientific basis underlying exercise-induced physiological responses. The field of exercise science involves a range of disciplines similar to those in sports medicine; it is common for sports exercise science professionals to work in sports medicine facilities. The field of exercise science, however, is typically much broader than sports medicine, ranging from the study of how organ systems work at the cellular level when confronted with disease to improving the biomechanical efficiency of an employee working on an assembly line.

**Summary:** Overall this course provides an opportunity for the study and application of the components of sports science including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, First Aid/CPR, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. This course is designed to introduce students to the field of sports medicine. It will provide students the opportunity to explore athletic training and sports medicine related fields. Students will receive instruction in sports medicine terminology, physical fitness, anatomy and physiology, kinesiology, injury evaluation and prevention procedures, and careers in sports medicine. Students will also demonstrate skills in cardiopulmonary resuscitation (CPR), first aid, and sports injury management and rehabilitation.

<b>Subject Area:</b>	<b>Science</b>			
<b>Course Name:</b>	<b>Sports (Exercise) Science Honors</b>			
<b>Course Code:</b>	2001825			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation – Algebra 1			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

## Course Description

Sports Science course consists of two components - Sports Medicine and Sports Exercise:

Firstly, the course provides students with the opportunity to study the field of Sports Medicine Science concerned with injuries sustained in athletic endeavors, including their prevention, diagnosis, and treatment. The purpose of injury prevention and treatment is to maintain optimal health and maximize peak performance. Traditionally, sports medicine was the sole domain of the team doctor, who worked mostly with college, professional, and Olympic athletes. Today, however, the sports medicine team represents many disciplines including, for example, athletic training, biomechanics, exercise physiology and nutrition. Sports medicine specialists also work with nonprofessional athletes and those participating in various recreational activities, such as children involved in youth sports or older adults training for foot races.

Secondly, the course provides students with the opportunity to study Sports Exercise Science. Sports Exercise Science is the study of movement and the associated functional responses and adaptations. In this context, an exercise scientist must understand the scientific basis underlying exercise-induced physiological responses. The field of exercise science involves a range of disciplines similar to those in sports medicine; it is common for sports exercise science professionals to work in sports medicine facilities. The field of exercise science, however, is typically much broader than sports medicine, ranging from the study of how organ systems work at the cellular level when confronted with disease to improving the biomechanical efficiency of an employee working on an assembly line.

Summary: This course provides advanced sports science students with instruction in advanced techniques and processes. This course will give students hands-on experience evaluating injuries commonly sustained by the competitive athlete. It includes all areas of sports medicine such as sports science terminology, musculoskeletal anatomy, evaluation, assessment, rehabilitation, and prevention of athletic injuries. Emphasis will be placed on evaluating and assessing athletic injuries.



PATHLIGHT  
PREPARATORY

# Social Studies - Science

Three (3) Credits (Units) of Standard Are Required for:

- Standard Graduation Requirements

Four (4) Credits (Units) of Standard Are Required for:

- Scholar Graduation Requirements

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Economics with Financial Literacy</b>			
<b>Course Code:</b>	2102335			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Economics will provide students the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Content will include, but not be limited to, using economic principles and reasoning in reaching decisions in the market-place. Necessary to that understanding are the roles and impact of economic wants, productive resources, scarcity and choices, opportunity costs and trade-offs, economic incentives, specialization, comparative advantage, division of labor, interdependence, how markets work, savings and investment, the role of the citizen as producer, consumer, and decision-maker, the role and function of government policy, the role of money, financial institutions and labor, distinctions between micro and macro-economic problems, and the similarities and differences of other economic systems.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Economics with Financial Literacy Honors</b>			
<b>Course Code:</b>	2102345			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Economics Honors will provide students the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed system. The major emphasis is to provide the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems. Specific content to be covered will include, but not be limited to, the role and impact of economic wants, productive resources, scarcity and choices, opportunity costs and trade-offs, economic incentives, specialization, comparative advantage, division of labor, interdependence, price determination, types of market failures, savings and investment, the role and function of governmental policy, labor supply and demand, the distinction between micro and macroeconomic problems, types of competition, inflation, unemployment, monetary and fiscal policy, and socioeconomic goals: freedom, economic efficiency, equity, full employment stability, and growth.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Philosophy 1 (Introduction to Philosophy)</b>			
<b>Course Code:</b>	2105340			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

An introduction to the methods and problems of philosophy and to important figures in the history of philosophy. Concerns such topics as the nature of reality, the meaning of life, and the existence of God and Religion. Readings from classical and contemporary sources, e.g., Socrates, Plato, Aristotle, Descartes, Nietzsche, Sartre, and other influential philosophers who have shaped the way we understand our human existence, feelings, and thoughts. Through the study of philosophy, students raise fundamental questions pertinent to all areas of human activity and inquiries, such as the meaning of life, religious and scientific thought, and the role of philosophy as being speculative and critical. Students use the study of philosophy to better understand and appreciate their culture and world.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Philosophy 1 Honors (Introduction to Philosophy)</b>			
<b>Course Code:</b>	2120910			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

An introduction to the methods and problems of philosophy and to important figures in the history of philosophy. Concerns such topics as the nature of reality, the meaning of life, and the existence of God and Religion. Readings from classical and contemporary sources, e.g., Socrates, Plato, Aristotle, Descartes, Nietzsche, Sartre, and other influential philosophers who have shaped the way we understand the meaning of our existence, feelings, and thoughts. This course is an introduction to key philosophical concepts and issues as well as major thinkers and historical periods.



<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Philosophy 2 (Ethics)</b>			
Course Code:	2105345			
Course Category:	Elective Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	N/A
Pre-Requisite(s):	Philosophy 1			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

An introductory course in ethics. Typically examines virtues, vices, and character; theories of right and wrong; visions of the good life; and contemporary moral issues. Through the study of philosophy, students raise fundamental questions pertinent to all areas of human activity and inquiries, such as the meaning of life, religious and scientific thought, and the role of philosophy as being speculative and critical. Students use the study of philosophy to better understand and appreciate their culture and world.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Philosophy 2 Honors (Ethics)</b>			
Course Code:	2120915			
Course Category:	Elective Core Course			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	N/A
Pre-Requisite(s):	Philosophy 1- Grades of A or B – Instructor Recommendation			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

An introductory course in ethics. Typically examines virtues, vices, and character; theories of right and wrong; visions of the good life; and contemporary moral issues. A study of ethical values in relation to such problems as personal and societal decision making, selection and justification of lifestyle, goal orientation, conflict resolution, freedom and creativity, commitment and responsibility.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Psychology 1</b>			
<b>Course Code:</b>	2107300			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	<b>Per Semester:</b>	Min. 67.5 hrs.	<b>Full Year:</b>	N/A
<b>Course Credits (Units):</b>	<b>Per Semester:</b>	0.50 credits	<b>Full Year:</b>	N/A
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Psychology I will help students acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Appropriate concepts and skills will be developed through the theories and methods of study employed by psychologists, human growth and development, self-concept development, adjustment, motivation and desire, intelligence, conditioning and learning, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, autonomy, alienation, stress, mental health and therapy. The purpose of this course is to provide students the opportunity, through the study of psychology, to acquire an understanding of and appreciation for human behavior, behavior interaction and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others. The content should include, but not be limited to the following: major theories and orientations of psychology; psychological methodology; memory and cognition; self-concept development; human growth and development; personality; motivation and desire; intelligence; conditioning and learning; abnormal behavior; psychological therapies; stress/coping strategies; emotion and frustration; and mental health.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Psychology 1 Honors</b>			
<b>Course Code:</b>	2107305			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	<b>Per Semester:</b>	Min. 67.5 hrs.	<b>Full Year:</b>	N/A
<b>Course Credits (Units):</b>	<b>Per Semester:</b>	0.50 credits	<b>Full Year:</b>	N/A
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Psychology I Honors will help students acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Appropriate concepts and skills will be developed through the theories and methods of study employed by psychologists, human growth and development, self-concept development, adjustment, motivation and desire, intelligence, conditioning and learning, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, autonomy, alienation, stress, mental health and therapy. The purpose of this course is to provide an introduction to psychological concepts, theories, research findings, and applications; to create an understanding of the range and limitations of psychological theory and practice; to encourage student to explore and understand the relationship between psychological findings and everyday life; to develop skills of analysis, interpretation, application and evaluation; to promote an appreciation and understanding of individual, social and cultural diversity; to develop an understanding of ethical issues in psychology including the moral and ethical implications of psychological research; to explore and understand the relationship between psychological findings and social, cultural and contemporary issues; to study psychological principles, perspectives and applications; and to encourage the development of the skill of communication.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Psychology 2</b>			
<b>Course Code:</b>	2107310			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	<b>Per Semester:</b>	Min. 67.5 hrs.	<b>Full Year:</b>	N/A
<b>Course Credits (Units):</b>	<b>Per Semester:</b>	0.50 credits	<b>Full Year:</b>	N/A
<b>Pre-Requisite(s):</b>	Psychology 1			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Psychology II will allow students to expand their awareness of areas of psychology to include basic statistical research, memory and thought, sensation and perception, motivation and emotion, sleep and dreams, stress and conflict, adjustment in society and human interaction. The purpose of this course is to provide students with an understanding of and appreciation for human behavior, behavior interaction, and the progressive development of individuals which will better prepare them to understand their own behavior and the behavior of others. The content should include, but not be limited to the following: statistical research; psychobiology; motivation and emotion; sensation and perception; states of consciousness; psychological testing and social psychology.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Psychology 2 Honors</b>			
<b>Course Code:</b>	2107315			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	<b>Per Semester:</b>	Min. 67.5 hrs.	<b>Full Year:</b>	N/A
<b>Course Credits (Units):</b>	<b>Per Semester:</b>	0.50 credits	<b>Full Year:</b>	N/A
<b>Pre-Requisite(s):</b>	Psychology 1- Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Psychology II Honors will allow students to expand their awareness of areas of psychology to include basic statistical research, memory and thought, sensation and perception, motivation and emotion, sleep and dreams, stress and conflict, adjustment in society and human interaction. The purpose of this course is to provide an introduction to psychological concepts, theories, research findings, and applications; to create an understanding of the range and limitations of psychological theory and practice; to encourage student to explore and understand the relationship between psychological findings and everyday life; to develop skills of analysis, interpretation, application and evaluation; to promote an appreciation and understanding of individual, social and cultural diversity; to develop an understanding of ethical issues in psychology including the moral and ethical implications of psychological research; to explore and understand the relationship between psychological findings and social, cultural and contemporary issues; to study psychological principles, perspectives and applications; and to encourage the development of the skill of communication.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Sociology 1</b>			
<b>Course Code:</b>	2108300			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to provide, through the study of sociology, an opportunity to acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values, and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society. The content should include, but not be limited to the following: understanding human behavior; the characteristics of social groups; cultural diversity; cultural conformity and adaptation; social structure, social institutions, agents of socialization, the role of adolescents and adults in our society; norms and values as they relate to effective group functions; understanding social problems; deviance and social control; and social stratification.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Sociology 1 Honors</b>			
<b>Course Code:</b>	2108305			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to offer students the opportunity not only to explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies and their continuities with the past. The Honors Level provides a solid grounding in the central ideas and approaches in Sociology.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Sociology 2</b>			
<b>Course Code:</b>	2108310			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	Sociology 1			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to expand on Sociology 1 concepts and provide, through the study of sociology, an opportunity to acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values, and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society. The content should include, but not be limited to the following: understanding human behavior; the characteristics of social groups; cultural diversity; cultural conformity and adaptation; social structure, social institutions, agents of socialization, the role of adolescents and adults in our society; norms and values as they relate to effective group functions; understanding social problems; deviance and social control; and social stratification.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>Sociology 2 Honors</b>			
<b>Course Code:</b>	2108315			
<b>Course Category:</b>	Elective Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	Sociology 1 - Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to offer students the opportunity not only to explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies and their continuities with the past. Students can choose to explore a variety of important areas of sociological enquiry including education, family, religion, and crime and deviance. It is assumed that the content and skills of Sociology 1 Honors have been mastered before starting this course.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>U.S. (United States) Government</b>			
<b>Course Code:</b>	2106310			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

United States Government will provide students the opportunity to acquire an understanding of American government and political behavior. Content to be covered will include, but not be limited to, an analysis of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the Bill of Rights), a comparison of the roles of the three branches of government at the local, state, and national levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>U.S. (United States) Government Honors</b>			
<b>Course Code:</b>	2106320			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	N/A
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	N/A
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Students will acquire a comprehensive understanding of American government and political behavior. Appropriate concepts and skills will be developed through an evaluation of the Declaration of Independence, the Constitution, and the Bill of Rights, an analysis of the roles of the three branches of government at the local, state, and national levels, a comparative view of the changing roles of the three branches of government at the local, state, and national levels, a comparative view of the changing nature of political parties and interest groups in determining government policy, an evaluation of citizen rights and responsibilities in a democratic state, and the importance of civic participation in democratic political processes.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>U.S. (United States) History</b>			
<b>Course Code:</b>	2100310			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

United States History will provide 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 the nation. Content to be covered will include, but not be limited to, an understanding of geographic-historic and time-space relationships, the synthesizing of American culture through the centuries, the origin of American ideals, the American colonial experience, the American Revolution and the Federal System, the Civil War as the solution to the secession issue, the technological and urban transformation of the country, and American foreign policy development.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>U.S. (United States) History Honors</b>			
<b>Course Code:</b>	2100320			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

United States History Honors will provide students with the opportunity to acquire an in-depth and comprehensive 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 nation. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation, and the issues of external and internal validity.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>World Cultural Geography</b>			
<b>Course Code:</b>	2103300			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to assist the student in acquiring an understanding of the interrelationships between people and their environment. Appropriate concepts and skills will be developed in connection with an investigation into the relationship between physical geography, natural resources, and the economic, political, social, cultural, religious, and historical aspects of human activity. This course is designed to provide an opportunity for students to study the interaction of man and his environment in space and time. The study includes current developments around the world which affect physical structure, way of life, customs, mores, and past events that effect the environment. Emphasis is also placed on the geographical processes which affect decisions made concerning interrelationships among nations, production and distribution of goods, uses and abuses of resources, and political and economic conditions. Urban analyses and population problems are important aspects of the course.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>World Cultural Geography Honors</b>			
<b>Course Code:</b>	2103310			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Grades of A or B – Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in the science and practice. Students will have the opportunity to understand the following concepts related to the course: regions and their development, population studies, cultural concepts and spatial representation, political geography, land use, urbanization, issues related to space, place and scale, and economic geography. Students will engage in active, high-level learning to develop skills and concepts needed to succeed at more rigorous academic levels of study in world cultures. Learning will also be in more depth than is generally offered in the regular class. The basic content is the same as that of the regular course, but this course provides the student with the opportunity to pursue the tangents and the details of geographic study. The student will research and develop products that encourage deeper understanding of other cultures and environments.



<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>World History</b>			
<b>Course Code:</b>	2109310			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

World History will provide students 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 have affected humanity. Specific content to be covered will include, but not be limited to, an understanding of geographic, historic and time-space relationships, a review of pre-history, the rise of civilization and cultural universals, the development of religion and the impact of religious thought, the evolution of political systems and philosophies, the development of nationalism as a global phenomenon, the origin and course of economic systems and philosophies.

<b>Subject Area:</b>	<b>Social Studies - Science</b>			
<b>Course Name:</b>	<b>World History Honors</b>			
<b>Course Code:</b>	2109320			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Grades of A or B - Instructor Recommendation			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

World History Honors will provide students the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or process as it related to the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation.



# World Languages

Two (2) Credits (Units) of Standard Are Required for:

- Standard Graduation Requirements

**MANDATORY**

MUST BE TAKEN SEQUENTIALLY IN THE SAME LANGUAGE MANDATORY

\* Required to increase your chances for acceptance to a 4-year College and/or University

\*\* Required to qualify for the Bright Futures Scholarship Program

Two (2) Credits (Units) of Standard Are Required for:

- Scholar Graduation Requirements

**MANDATORY**

MUST BE TAKEN SEQUENTIALLY IN THE SAME LANGUAGE MANDATORY

\* Required to increase your chances for acceptance to a 4-year College and/or University

\*\* Required to qualify for the Bright Futures Scholarship Program

<b>Subject Area:</b>	<b>World Languages</b>			
<b>Course Name:</b>	<b>Spanish 1</b>			
<b>Course Code:</b>	0708340			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Spanish 1 introduces students to the Spanish language and its culture. The student will develop communicative skills and cross-cultural understanding and beginning skills in listening and speaking, with special attention to pronunciation. An introduction to reading and writing is also included as well as the fundamentals of grammar and culture. The content should include, but not be limited to, the following conversational expression of feelings, ideas, and opinions in the Spanish language, comprehension of spoken and written Spanish language, oral and written presentation of information and ideas, in the Spanish language, to an audience, social interaction patterns within the Spanish culture(s), connections between the Spanish language and culture(s) and other disciplines, communication patterns of Spanish languages, Spanish language usage within and beyond the school setting.

<b>Subject Area:</b>	<b>World Languages</b>			
<b>Course Name:</b>	<b>Spanish 2</b>			
<b>Course Code:</b>	0708350			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Spanish 1			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Spanish 2 reinforces the fundamental skills acquired by the students in Spanish 1. The course develops increased 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 Spanish 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the Spanish language-speaking people is continued. The content should include, but not be limited to, the following conversational expression of feelings, ideas, and opinions in the target language, comprehension of spoken and written Spanish language, oral and written presentation of information and ideas, in the Spanish language, to an audience, social interaction patterns within the Spanish language culture(s), connections between the Spanish language and culture(s) and other disciplines, communication patterns of languages, Spanish language usage within and beyond the school setting.

<b>Subject Area:</b>	<b>World Languages</b>			
<b>Course Name:</b>	<b>Spanish 3 Honors</b>			
<b>Course Code:</b>	0708360			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Spanish 2			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Spanish 3 Honors provides mastery and expansion of skills acquired by the students in Spanish 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings, students' acquisition of grammatical concepts is strengthened by analyzing reading selections, contemporary vocabulary stresses activities which are important to the everyday life of the Spanish language-speaking people, conversational expression of feelings, ideas, and opinions in the Spanish language, comprehension of spoken and written Spanish language, oral and written presentation of information and ideas, in the Spanish language to an audience, social interaction patterns within culture(s), connections between the Spanish language and culture(s) and other disciplines, communication patterns of languages, Spanish language usage within and beyond the school setting.

<b>Subject Area:</b>	<b>World Languages</b>			
<b>Course Name:</b>	<b>Spanish 4 Honors</b>			
<b>Course Code:</b>	0708370			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	Spanish 3 or Spanish 3 Honors			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Spanish 4 Honors expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes including writing. Reading selections are varied and taken from newspapers, magazines, and literary works. The content should include, but not be limited to, the following conversational expression of feelings, ideas, and opinions in the Spanish language, comprehension of spoken and written Spanish language, oral and written presentation of information and ideas, in the Spanish language to an audience, social interaction patterns within Spanish language culture(s), connections between the Spanish language and culture(s) and other disciplines, communication patterns of languages, Spanish language usage within and beyond the school setting.

<b>Subject Area:</b>	<b>World Languages</b>			
<b>Course Name:</b>	<b>French 1</b>			
<b>Course Code:</b>	0701320			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

French1 introduces students to the French language and its culture. The student will develop communicative skills and cross-cultural understanding and beginning skills in listening and speaking, with special attention to pronunciation. An introduction to reading and writing is also included as well as the fundamentals of grammar and culture. The content should include, but not be limited to, the following conversational expression of feelings, ideas, and opinions in the French language, comprehension of spoken and written French language, oral and written presentation of information and ideas, in the French language, to an audience, social interaction patterns within the French culture, connections between the French language and culture and other disciplines, communication patterns of languages, French language usage within and beyond the school setting.

<b>Subject Area:</b>	<b>World Languages</b>			
<b>Course Name:</b>	<b>French 2</b>			
<b>Course Code:</b>	0701330			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	French 1			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

French 2 reinforces the fundamental skills acquired by the students in French 1. The course develops increased 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 French 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the French language-speaking people is continued. The content should include, but not be limited to, the following conversational expression of feelings, ideas, and opinions in the target language, comprehension of spoken and written French language, oral and written presentation of information and ideas, in the French language, to an audience, social interaction patterns within the French language culture, connections between the French language and culture and other disciplines, communication patterns of languages, French language usage within and beyond the school setting.

<b>Subject Area:</b>	<b>World Languages</b>			
<b>Course Name:</b>	<b>French 3 Honors</b>			
<b>Course Code:</b>	0701340			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	French 2			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

French 3 Honors provides mastery and expansion of skills acquired by the students in French 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings, students' acquisition of grammatical concepts is strengthened by analyzing reading selections, contemporary vocabulary stresses activities which are important to the everyday life of the French language-speaking people, conversational expression of feelings, ideas, and opinions in the French language, comprehension of spoken and written French language, oral and written presentation of information and ideas, in the French language to an audience, social interaction patterns within culture(s), connections between the French language and culture(s) and other disciplines, communication patterns of languages, French language usage within and beyond the school setting.

<b>Subject Area:</b>	<b>World Languages</b>			
<b>Course Name:</b>	<b>French 4 Honors</b>			
<b>Course Code:</b>	0701350			
<b>Course Category:</b>	Core Course			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	French 3 or French 3 Honors			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

French 4 Honors expands the skills acquired by the students in French 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes including writing. Reading selections are varied and taken from newspapers, magazines, and literary works. The content should include, but not be limited to, the following conversational expression of feelings, ideas, and opinions in the French language, comprehension of spoken and written French language, oral and written presentation of information and ideas, in the French language to an audience, social interaction patterns within French language culture(s), connections between the French language and culture(s) and other disciplines, communication patterns of languages, French language usage within and beyond the school setting.



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# NON – CORE COURSES

## Electives & Areas Of Specialization



# Visual (Fine) Arts And Performing Arts



<b>Subject Area:</b>	<b>Visual (Fine) Arts and Performing Arts</b>			
<b>Course Name:</b>	<b>Drawing &amp; Painting (Integrated Program)</b>			
<b>Course Code:</b>	0104340 – 0104370 (010434070.1 thru 010434070.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of these two integrated courses (Drawing and Painting) is to:

1. Enable students to develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, processes, and techniques. The content should include, but not be limited to, the following: use of tools and materials, art vocabulary, elements of art and principles of design, critical thinking and analysis, historical and cultural perspectives, connections between visual arts and other subject areas, personal and social benefits, collaborative skills career opportunities.
2. Enable students to develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of painting media processes and techniques. The content should include, but not be limited to, the following: use of tools and materials, art vocabulary, elements of art and principles of design, critical thinking and analysis, historical and cultural perspectives, connections between visual arts and other subject areas, personal and social benefits, collaborative skills career opportunities

<b>Subject Area:</b>	<b>Visual (Fine) Arts and Performing Arts</b>			
<b>Course Name:</b>	<b>Creative Photography</b>			
<b>Course Code:</b>	0108310 (0108310.1 thru 0108310.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to enable students to develop fundamental skills and creative approaches in photographic imagery, processes, and techniques. The content should include, but not be limited to, the following: use of equipment, tools, and materials, art and photography vocabulary, media, software, processes and techniques, elements of art and principles of design, formal and expressive elements, types and functions of cameras and film, use of light and exposure, darkroom and digital photographic processing, presentation techniques, technological, historical, and cultural perspectives, critical thinking and analysis, connections between photography and other subject areas, personal and social benefits, collaborative skills, legal and ethical issues and career opportunities.

<b>Subject Area:</b>	<b>Visual (Fine) Arts and Performing Arts</b>			
<b>Course Name:</b>	<b>Drama</b>			
<b>Course Code:</b>	0400300 (0400300.1 thru 0400300.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	<b>Per Semester:</b>	<b>Min. 67.5 hrs.</b>	<b>Full Year:</b>	<b>Min. 135 hrs.</b>
<b>Course Credits (Units):</b>	<b>Per Semester:</b>	<b>0.50 credits</b>	<b>Full Year:</b>	<b>1.00 credits</b>
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to provide a broad overview of the study and practice of dramatic arts. The content should include, but not be limited to, background information on the history, traditions, literature, and operations areas of the theatre. Opportunities for beginning experiences in acting and other aspects of theatre activities should be included.

<b>Subject Area:</b>	<b>Visual (Fine) Arts and Performing Arts</b>			
<b>Course Name:</b>	<b>Theatre Arts</b>			
<b>Course Code:</b>	0400310 (0400310.1 thru 0400310.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	<b>Per Semester:</b>	<b>Min. 67.5 hrs.</b>	<b>Full Year:</b>	<b>Min. 135 hrs.</b>
<b>Course Credits (Units):</b>	<b>Per Semester:</b>	<b>0.50 credits</b>	<b>Full Year:</b>	<b>1.00 credits</b>
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

This course is designed for students who are interested in experiencing the theatre and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art



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# Music

<b>Subject Area:</b>	<b>Music</b>			
<b>Course Name:</b>	<b>Instrumental Techniques</b>			
<b>Course Code:</b>	1302420 (1302420.1 thru 1302420.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Instrumental Techniques and Ensemble provides students with instruction on selected instruments in an individualized or ensemble setting. The content should include, but not be limited to, the following: interpretation of melodic and rhythmic notation in a variety of styles, key signatures, and meter, using appropriate performance technique; composition, arrangement, and improvisation techniques; performance of music of various cultures; analysis and evaluation as a listener and performer; responsible participation in music activities; importance of music in everyday life. The purpose of this course is to enable students to develop basic performance skills on a selected instrument in a solo or small ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis and aesthetic response are emphasized.

<b>Subject Area:</b>	<b>Music</b>			
<b>Course Name:</b>	<b>Music Techniques</b>			
<b>Course Code:</b>	1305500 (1305500.1 thru 1305500.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Students in this class focus on the development of musical and technical skills on a specific instrument or voice through etudes, scales, and selected music literature. Through problem-solving, critical thinking, and reflection, students develop the physical and cognitive skills to be more disciplined performers. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course, if used for an instrumental class, may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.



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# Physical Education

<b>Subject Area:</b>	<b>Physical Education</b>			
<b>Course Name:</b>	<b>Personal Fitness: Strength &amp; Conditioning</b>			
<b>Course Code:</b>	1501300 (1501300.1 thru 1501300.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Personal Fitness: Strength and Conditioning provides students with opportunities to develop an individual optimal level of physical fitness, acquire knowledge of physical fitness concepts, and acquire knowledge of the significance of lifestyle on one's health and fitness. The content includes knowledge of the importance of physical fitness, assessment of the health-related components of fitness, health problems associated with inadequate fitness levels, application of biomechanical and physiological principles to improve and maintain fitness, safety practices and psychological values of fitness including stress management, and sound nutritional practices and consumer issues related to physical fitness.

<b>Subject Area:</b>	<b>Physical Education</b>			
<b>Course Name:</b>	<b>Team Sports</b>			
<b>Course Code:</b>	1503350 (1503350.1 thru 1503350.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Team Sports I provide students with opportunities to acquire knowledge of strategies of team sport play, develop skills in selected team sports, and maintain and/or improve their personal fitness. The content includes knowledge and application of skills, techniques, strategies, rules, and safety practices necessary to participate in selected team sports which may include, but not be limited to, basketball, dodgeball, football, hockey, lacrosse, soccer, softball, speedball, team handball, track and field, and volleyball. Team Sports is designed to provide students with the opportunity to develop health-related fitness and an appreciation for teamwork and fair play through participation in a variety of team sports. Students should be able to demonstrate proficiency in two or more sports that may include: basketball, field or floor hockey, flag football, soccer, softball, team handball or volleyball. Student expectations include: • demonstration of consistency using basic offensive and defensive skills of a sport, • application of movement concepts and principles to the learning and development of motor skills, • development of basic components such as strategies, protocol, and rules of structured physical activities, and • exhibits a physically active lifestyle that provides opportunities for enjoyment and challenge through team sports.

<b>Subject Area:</b>	<b>Physical Education</b>			
<b>Course Name:</b>	<b>Individual &amp; Dual Sports</b>			
<b>Course Code:</b>	1502410 (1502410.1 thru 1502410.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Individual and Dual Sports provide students with opportunities to acquire knowledge of strategies and develop skills in selected individual and dual sports and maintain or improve their personal fitness. The content includes knowledge and application skills, techniques, strategies, rules, and safety practices. Individual and dual sports selected may include but not be limited to archery, badminton, bowling, golf, gymnastics, handball, paddleball, racquetball, skating, swimming, table tennis, and tennis. Individual/Dual Sports is designed to provide students with the opportunity to develop health-related fitness and an appreciation of a variety of lifetime activities related to developing and maintaining an appropriate level of personal fitness. Students should exhibit a level of competency in two or more sports that may include: archery, badminton, bowling, gymnastics, golf, handball, racquetball, self-defense, tennis, table tennis, track and field, weight training or wrestling. Student expectations include: • understanding of basic components such as strategies, protocol, and rules of individual sports, • application of movement concepts and principles to the learning and development of motor skills, • understanding and application of safety practices associated with individual sports, • development of positive personal and social skills to work independently and with others in individual sports, and • exhibits a physically active lifestyle that provides opportunities for enjoyment and challenge through individual sports.

<b>Subject Area:</b>	<b>Physical Education</b>			
<b>Course Name:</b>	<b>HOPE (Health Opportunities Through Physical Education)</b>			
<b>Course Code:</b>	1503350 (Physical Education & Health Integrated)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. With a focus on health and fitness, this course guides you to be active and healthy now and for a lifetime. With the guidance of a training instructor, you'll set personal goals in four areas of wellness: physical, emotional, social, and academic. The course uses videos, graphics, and interactive learning opportunities to encourage you to eat well, get up, and be active.

<b>Subject Area:</b>	<b>Physical Education</b>			
<b>Course Name:</b>	<b>Athletics: Varsity – Junior Varsity</b>			
<b>Course Code:</b>	1503350 (Physical Education & Health Integrated) 1503350.1 thru 1503350.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

Pathlight Preparatory is a member of the FHSAA (Florida High School Athletic Association) and subscribe to its rules and regulations along with its purposes, goals, and objectives. Students--both boys and girls--are urged to participate in the appropriate activities which are offered. Completion of medical history/physical examination and parent permission forms are required to participate. Students must meet state mandated academic and attendance requirements to be eligible to participate in extra-curricular activities.

Students in interscholastic athletic activities may substitute the required elective credits up to a maximum of 4 units if entering 9th grad. Students enrolled in interscholastic activities may substitute these activities for 1 unit of physical education up to a maximum of 4 units. Any additional units above the four maximum count as local credit. Students who withdraw from athletics before the required units of physical education are earned must be enrolled in physical education courses to earn the required units of credit.





# Health Education

<b>Subject Area:</b>	<b>Health Education</b>			
<b>Course Name:</b>	<b>Health 1: Life Management Development Skills</b>			
<b>Course Code:</b>	0800300			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to provide students with the opportunity to develop and enhance critical life management skills necessary to make sound decisions and take positive action for healthy and effective living. Specific content will include but not be limited to: positive emotional development; communication, interpersonal and coping skills; responsible decision making and planning; nutrition and weight management; substance use and misuse, including the hazards of smoking; knowledge and skills needed to be a wise consumer; community resources; personal money management; performance of one-rescuer cardiopulmonary resuscitation (CPR) and first aid for an obstructed airway; suicide awareness and prevention; and self-examination for breast and testicular cancer.

<b>Subject Area:</b>	<b>Health Education</b>			
<b>Course Name:</b>	<b>Health 2: Personal Health Development Skills</b>			
<b>Course Code:</b>	0800310			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

This course will teach high school students the fundamentals needed for optimal health and wellness for a lifetime. Students will be made aware of current health information and issues promoting the development of the “whole woman”. This holistic and fundamental approach to female wellness issues of today include: mental, emotional, physical, social, and spiritual health. This inclusion will help address and positively influence and promote the development of the well-rounded healthy and confident woman. Students will learn to obtain facts and skills needed for a balanced and health filled life, leading to a lifestyle of high quality and longevity. Some aspects covered include: the prevention of disease, disability, communication, nutrition, weight control, energy balance, body image, growth and development, stress management, time management, the use, misuse and abuse of drugs and chemicals, destructive habits, building relationships, health advocacy, stay updated on current health issues and information, creating healthy and safe communities. Students will be empowered to make positive and educated decisions to promote a healthy lifestyle.



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# Experiential (Community – Based) Education

<b>Subject Area:</b>	<b>Experiential (Community – Based) Education</b>			
<b>Course Name:</b>	<b>Personal, Career, and School Development Skills: Strategies for Success: College &amp; Career Planning</b>			
<b>Course Code:</b>	0500500 (0500500.1 thru 0500500.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to provide students with an opportunity to experience success in school and improve attitudes and behaviors towards learning, self, school and community. Through enrollment in this class, students are connected with public and private health, employment, counseling and social services. The private sector is involved in the collaboration in a variety of ways. The course content includes, but is not limited to: knowledge of self and others, development of positive attitudes, individual responsibility, time management decision making, problem solving, leadership skills, live management skills, employability skills, career pathway knowledge and understanding, college planning, personal finance, and career planning

<b>Subject Area:</b>	<b>Experiential (Community – Based) Education</b>			
<b>Course Name:</b>	<b>Voluntary Community &amp; Public Service: Cooperative Education</b>			
<b>Course Code:</b>	0500370 (0500370.1 thru 0500370.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to provide an opportunity for students to be engaged in activities that help them to develop an appreciation for the concept of service to the school or community. In this issues approach, students are expected to examine topics, make informed judgments and apply problem-solving skills within a context of how they might best serve a local school or community. Teachers are challenged to encourage students to plan for the future and to act in the present. This course is not designed for students to be utilized as teacher or office aides.



# Peer Counseling

<b>Subject Area:</b>	<b>Peer Counseling</b>			
<b>Course Name:</b>	<b>Peer Counseling</b>			
Course Code:	1400300 (1400300.1 thru 1400300.8)			
Course Category:	None – Core Course (Elective)			
Course Duration:	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
Course Credits (Units):	Per Semester:	0.50 credits	Full Year:	1.00 credits
Pre-Requisite(s):	N/A			
Recommended Grade Level(s):	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building and other group processes. In addition, the course will assist students gain an understanding of the components of personal development and to facilitate personal and group growth and fulfillment through individual and group processes.



# Research And Critical Thinking

<b>Subject Area:</b>	<b>Research and Critical Thinking</b>			
<b>Course Name:</b>	<b>Research &amp; Critical Thinking</b>			
<b>Course Code:</b>	1700300 (1700300.1 thru 1700300.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to enable students to develop fundamental knowledge of the steps in the research process. The course shall provide students with an understanding of: various research designs, methods of data collection, using community, internet and library research sources in identifying topics and developing hypotheses.

<b>Subject Area:</b>	<b>Research and Critical Thinking</b>			
<b>Course Name:</b>	<b>Critical Thinking &amp; Study Skills</b>			
<b>Course Code:</b>	1700370 (1700370.1 thru 1700370.8)			
<b>Course Category:</b>	None – Core Course (Elective)			
<b>Course Duration:</b>	Per Semester:	Min. 67.5 hrs.	Full Year:	Min. 135 hrs.
<b>Course Credits (Units):</b>	Per Semester:	0.50 credits	Full Year:	1.00 credits
<b>Pre-Requisite(s):</b>	N/A			
<b>Recommended Grade Level(s):</b>	9 <sup>th</sup> – 12 <sup>th</sup> Grades			

### Course Description

The purpose of this course is to enable students to develop learning strategies, critical-thinking skills, and problem-solving skills to enhance their performance in academic and nonacademic endeavors. In addition, this course shall provide students with a foundation for, and practice of, good study habits and to develop the skills needed to process information, complete assignments accurately and perform well on tests.