

ELECTIVE CHOICES

ADVANCED BAND (MARCHING BAND): This course focuses primarily on the study of basic fundamentals and the advancement of these fundamentals for quality performance with the HHS Marching Band. After school rehearsals and performances are required. All woodwind or brass players wishing to participate in band at HHS must enroll in this class. Students wishing to participate must also attend summer rehearsals. Offered in the Fall only.

PREREQUISITE: Screening GRADE
LEVEL: 9-12 CREDIT: 1-4

ADVANCED BAND (PERCUSSION MARCHING BAND): This course focuses on the basic percussion fundamentals and the advancement of these fundamentals for the quality performance with the HHS Drumline. Beginners are welcome. After school rehearsals and performances are required. All percussionists (Drummers) wishing to participate in band at HHS must enroll in this class. All students wishing to participate must also attend summer rehearsals. Offered in the Fall only.

PREREQUISITE: Screening GRADE
LEVEL: 9-12 CREDIT: 1-4

ADVANCED BAND (SYMPHONIC): This course focuses on the study of basic fundamentals and the advancement of these fundamentals for quality performance with the Marching Band. After school rehearsal is required. All wind players wishing to participate in band must enroll in this class.

PREREQUISITE: Screening GRADE
LEVEL: 9-12 CREDIT: 1-4

ADVANCED CHORUS (FESTIVAL): Advanced singing skills and music theory are presented in this course, within the framework of historically significant choral music. At least 2 concerts are presented each year. The group participates in all events sponsored by the Louisiana Music Educators Association. After school practice is required, but will be infrequent. Fees are required for uniforms, festivals, out-of-town travel, and other choir related events. Fundraising is also required. PREREQUISITE: Beginning choir or prior choral experience. Audition and/or written approval by the director GRADE LEVEL: 9-12 CREDIT: 1-4

ADVANCED CHORUS (SHOW): The HHS show choir is composed of a highly selected group of young men and women. Students must audition in April to be able to schedule the class in the fall semester. Students in the Show Choir are expected to perform in the school musical and be the leaders of the choir. This is our top performing group. After school practices are

required and students must be able to attend all performances. Open to 9-12 graders.

PREREQUISITE: Must have prior choir class experience either at HHS or in your prior school
GRADE LEVEL: 9-12 CREDIT: 1

ADVANCED TELEVISION BROADCASTING I:

This is a project-based course designed to prepare students for more advanced television production utilizing studio and field production techniques. Students working individually as well as in teams will gain experience in all phases of studio and field production including multi-camera production, video editing, graphics, lighting and audio. Students will work toward becoming Adobe Premiere Pro. The course is designed around real world situations. Students will develop the ability to produce professional projects for real world clients. The course is intended to allow students to think creatively while meeting client expectations. Students must complete 25 hours of teacher-approved work in addition to the instruction time. **This course is a Satellite Center course and is taught at the Performing Arts Center.** PREREQUISITE: TV Production I or Satellite Center instructor recommendation.

GRADE LEVEL: 11-12 CREDIT: 2

Location: Satellite Center

ADVANCED TELEVISION BROADCASTING II:

Advanced Television Broadcasting II is a continuation of Advanced TV Broadcasting I which expands student's technical skills. Students working individually, as well as in teams, will gain experience related to short film production, documentaries, news/sports journalism, music videos and PSA/Commercials. Students will have the opportunity to become Adobe Premiere Pro, a state approved industry based certification. Students must complete 25 hours of teacher approved work in addition to their instructional time. In addition, students are provided the opportunity to earn Dual Enrollment at Southeastern University (COMM 257 - 3 college credits). **This course is a Satellite Center course and taught at the Performing Arts Center.** Through the course students have the opportunity to earn an Industry Based Certification of Adobe Premiere Pro. PREREQUISITE: Advanced TV Broadcasting I
GRADE LEVEL: 11-12 CREDIT: 2 Location: Satellite Center

AFJROTC I/HEALTH (Fall and Spring

Semesters): Leadership Education (LE-100/500) (Qtrs 1 & 2) introduces cadets to the Air Force Junior ROTC Program, providing a basis for progression through the rest of the JROTC program while instilling the elements of good citizenship, ESPECIALLY discipline. It contains sections on cadet and Air Force organizational structure; uniform wear; customs

and courtesies; **health and wellness** (Louisiana JUMP CPR/AED/First Aid standards); fitness; individual self-control; basic drill; and civics/citizenship. Aerospace Studies (AS-100) (Qtrs 3 & 4) covers the history of aviation and the people who made that happen. Basic aerospace sciences on the mechanics of flight will be discussed. The **Air Force Wellness Program** (Presidential Fitness Program) is initiated, and consists of Friday physical fitness and classroom instruction on health. CREDIT: 1 (AFJROTC 100 substitutes for the state requirement of Health & PE)

***AFJROTC II (Fall and Spring Semesters):**

Aerospace Studies (AS-220) explains the concept of global awareness and the importance of being aware of global trends. Advanced technology has impacted on the global economy in which China, India, Pakistan and other developing nations are now having a major cultural and economic impact on the world. It is essential we adapt to the rapid changes in the global economy to sustain the economic stability of the United States. The Leadership Education (LE-200/500) program stresses communications skills: Effective communications, understanding groups, solving conflicts, and leadership communications. Drill continues; the **Air Force Wellness Program**, an important part of good citizenship training now and as adults, continues as physical fitness training on Fridays. PREREQUISITE: CREDIT: 1 AFJROTC II can substitute for the requirement of Physical Education II

***AFJROTC III (Fall and Spring Semesters):**

Leadership Education (LE 300/500) introduces junior level cadets to the life skills necessary to function in adult society. It teaches how to gain college entrance, the college environment, and job placement. It addresses technical and vocational schooling for those directly entering the workforce. Also addressed are the financial challenges of adulthood: Banking, automobile expenses, insurance, housing, mortgages, bills and family life. Advanced drill is led by the 300-level cadets. Aerospace Education (AS) 300 teaches about the space environment, basic astronomy, the solar system, deep space, the sciences required for space travel, and space travel history. The **Air Force Wellness Program**, an important part of good citizenship training now and as adults, takes place as physical fitness training on Fridays. PREREQUISITE: GRADE LEVEL: CREDIT: 1 (AFJROTC III can substitute for the requirement of Physical Education II) ***AFJROTC 200 and 300 alternate each year.**

AFJROTC IV (Fall and Spring Semesters):

Leadership Education (LE 400/500) and Aerospace Studies (AS 400) both dwell on the **command and**

good conduct of the Hahnville High School LA-932 Junior ROTC Corps of Cadets by the cadet officers, especially the seniors. The fundamentals of strong management are taught, then exercised, by the cadets. The **Air Force Wellness Program**, an essential part of good citizenship now and as adults, is conducted as physical fitness on Fridays. PREREQUISITE: GRADE LEVEL: 11-12 CREDIT: 1

(AFJROTC IV can substitute for the requirement of Physical Education II)

AFJROTC V (Air Force Staff Management Procedures):

In this course, cadets assist instructors in the LET level class assigned. Assist instructor in drill, physical training and inspections with a requirement to teach a minimum of one class for each subject taught for the LET level class assigned, with emphasis placed on proper teaching methods and preparation of lesson plans. Normally assumed the leadership position and the responsibilities of command functions with continued practical work in drill, technology awareness, and physical training. PREREQUISITE: AFJROTC IV GRADE LEVEL: 12 CREDIT: 1

AIR CONDITIONING/REFRIGERATION I (RPCC, St. Charles Parish):

This introductory course provides information needed to prepare individuals to enter the Air Conditioning and Refrigeration Industry. Includes basic safety and health, inventory control, stock management, vehicle maintenance, licensure, certification requirements, and basic business management practices. This course is dual-enrolled with River Parish Community College. Students will earn an industry-based credential in EPA Section 608 Certification. This course is offered at the Satellite Center. PREREQUISITE: NCCER Core GRADE LEVEL: 11-12 CERTIFICATION: EPA Section 608

ART I-INTRODUCTION TO ART: This course introduces the student to design elements and principles and basic drawing and painting techniques with the application of drawing in various materials. The student is familiarized with various appropriate artists, styles, & techniques. PREREQUISITE: NONE GRADE LEVEL: 9-12 CREDIT: 1

ART II-DRAWING AND PAINTING: Art II expands on skills and concepts introduced in Art I, with a concentration in advanced techniques of drawing and painting in a variety of media such as: tempera, watercolor, acrylic paint, pencils, pastels, oil pastels, pen, and charcoal. The student is familiarized with various appropriate artists, styles, & techniques.

PREREQUISITE: Art I GRADE LEVEL: 10-12
CREDIT: 1

ATHLETIC PHYSICAL EDUCATION

(BASEBALL): This athletic PE class is open to any member of the HHS baseball team. It introduces the student to basic techniques of weight conditioning, strength building, coordination, cardiovascular fitness, and baseball specific drills. The class also incorporates current technology into athletic performance. PREREQUISITE: Must be a member of the HHS baseball team GRADE LEVEL: 9-12 FEE: Uniform CREDIT: 1-4

ATHLETIC PHYSICAL EDUCATION

(FOOTBALL): This athletic PE class is open to any member of the HHS football team. It introduces the student to basic techniques of weight conditioning, strength building, coordination, cardiovascular fitness, and football specific drills. The class also incorporates current technology into athletic performance. PREREQUISITE: Must be a member of the HHS football team. Entry into the class is subject to approval of the head football coach/ instructor. FEE: Uniform GRADE LEVEL: 9-12 CREDIT: 1

ATHLETIC PHYSICAL EDUCATION

(NON-FOOTBALL): This athletic PE class is open to any member of a HHS athletic team other than football or baseball. It introduces the student to basic techniques of weight conditioning, strength building, coordination, cardiovascular fitness, and football specific drills. The class also incorporates current technology into athletic performance. PREREQUISITE: Must be a member of a HHS athletic team other than football GRADE LEVEL: 10-12 CREDIT: 1-4

BASIC TECHNICAL DRAFTING: This course is designed as a basic drawing course involving: sketching, history of drafting, use of drawing instruments, lettering, pictorial drawings, multi-view drawings, dimensioning, geometric construction and sectional views. Drawings are done on a drawing board and using AutoCAD software. The drafting program is certified by the American Design and Drafting Association. PREREQUISITE: Algebra I GRADE LEVEL: 9-12 CREDIT: 1

BASIC WOOD TECHNOLOGY: This is a fundamental course in woodworking emphasizing lab safety, hand and machine woodworking tools safe use and care, and project planning. Students will plan and construct small projects. Includes the study of materials used in construction, abrasives, finishing materials and supplies, joinery, and fine furniture woods.

PREREQUISITE: General Technology Education; no prerequisite if in grade 11 or 12 GRADE LEVEL: 10-12 CREDIT: 1

CARPENTRY: This course is designed to teach the basic skills involved in planning and constructing a simple building. The NCCER Core and Carpentry level 1 curriculum is covered. PREREQUISITE: Basic Wood GRADE LEVEL: 11-12 CREDIT: 2

CHORUS BEGINNING (Soprano and Alto LADIES ONLY): This course introduces students to small and large group singing with an emphasis on developing vocal technique, sight-reading skills, and an understanding of music theory. Members of this group will rehearse year long after school one day a week. PREREQUISITE: None GRADE LEVEL: 9-12 CREDIT: 1

CHORUS BEGINNING MEN'S (Tenor and Bass ONLY): This course emphasizes student and performance of chorus consent music for lower-pitched voices and voices that are in the process of changing to a lower register. Students will learn sight-reading skills and vocal technique. It is recommended for students with male voices, especially those new to singing, who are interested in discovering their voice within a safe environment. Members of this group will rehearse one day a week year-long after school and sing with the choir. PREREQUISITE: None GRADE LEVEL: 9-12 CREDIT: 1

CHORUS INTERMEDIATE MEN'S (tenor and bass ONLY): This course emphasizes study and performance of chorus concert music for lower-pitched voices and voices that are in the process of changing to a lower register. Student will learn sight-reading skills and vocal technique. It is recommended for students with male voices, especially those PREREQUISITE: Approval by the choral director and at least 1 semester of prior choral experience (May include audition). GRADE LEVEL: 10-12 CREDIT: 1

COMPUTER SCIENCE "A" ADVANCED PLACEMENT: AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. While it is

strongly recommended that students take Computer Science Principles first, students who have strong programming backgrounds are welcomed to take the course. Students are required to take the AP test.

PREREQUISITE: Fundamentals of HTML, CCS, & JavaScript, Computer Science I, AP Computer Science Principles
GRADE LEVEL: 10-12
CREDIT: 1

COMPUTER SCIENCE I: Computer Science I exposes students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. The course is broken into 4 major units. It starts with very basic block coding in unit 1 and slowly transitions to text based coding using python throughout the course. The students will learn to code games, surveys, databases, and much more in both block code format and in python.

PREREQUISITE: None GRADE LEVEL: 9-12
CREDIT: 1

COMPUTER SCIENCE PRINCIPLES

ADVANCED PLACEMENT: The AP Computer Science Principles course is designed to be equivalent to a first semester introductory college-computing course. In this course, students will learn computational solution design, algorithm and program development, abstraction in programming, and code analysis. Students will also explore computing innovations and responsible computing. The class is strongly recommended before students take AP Computer Science A. Anyone can take this course but students must be aware that will be many mathematical

concepts explored in the course. Students are required to take the AP test which includes a portfolio to be completed before the class ends.

RECOMMENDED: Fundamentals of HTML, CCS, & JavaScript, Computer Science I
GRADE LEVEL: 9-12 CREDIT: 1

COSMETOLOGY I: A credentialed Delgado Community College instructor teaches this course, and students may earn college credit at Delgado for successful completion of this course. It is an introduction to cosmetology covering history, ethics, grooming, safety, and first aid. The LA State Board of Cosmetology Rules and Regulations are discussed. Types and methods of decontamination and sanitation are explained and demonstrated. Students will participate in demonstrations and simulations in various aspects of cosmetology.

PREREQUISITE: None Grade level: 11-12 Credit: 1

CULINARY ARTS/PROSTART I: This course is the first of two courses focused on preparing students

for careers in the foodservice/hospitality industry. Emphasis is on obtaining skills for industry-based certification and preparation for internships in the industry. Topics of study include skills necessary for careers in the hospitality industry, organization and management professionalism, use of commercial equipment, proper sanitation and safety standards for industry, and business/kitchen math. This class includes laboratory classes utilizing advanced planning and preparation techniques. Skills in critical thinking, math, communications, and science are reinforced in this course. Students will have the opportunity to become ServSafe Certified, a state approved industry based certification. The ProStart I class provides laboratory experiences in the school, outside learning experiences through field trips, work-site tours, catering experiences, and guest speakers from the food-service industry. School based enterprises, internships, projects, and leadership activities provide opportunities for application of instructional competencies. Students must complete 25 hours of teacher approved work in addition to instructional time. **This course is offered at the Satellite Center** and provides the opportunity for students to earn an Industry Based Certification of ServSafe/ProStart
PREREQUISITE: Food and Nutrition GRADE LEVEL: 11-12 CREDIT: 2
FEE: Must have Black Pants and Slip-Proof/Closed Toe Shoes

CULINARY ARTS/PROSTART II: This course is the second of two courses focused on preparing students for careers in the foodservice/hospitality industry. Emphasis is on obtaining skills for industry-based certification and preparation for internships in the industry. Topics of study include skills necessary for careers in the hospitality industry, organization and management professionalism, use of commercial equipment, proper sanitation and safety standards for industry, and business/kitchen math. This class includes laboratory classes utilizing advanced planning and preparation techniques. Skills in critical thinking, math, communications, and science are reinforced in this course. The class provides laboratory experiences in the school, outside learning experiences through field trips, work-site tours, catering experiences, and guest speakers from the food-service industry. School based enterprises, internships, projects, and leadership activities provide opportunities for application of instructional competencies. Students must complete 25 hours of teacher approved work in addition to instructional time. **This course is offered at the Satellite Center** and provides the opportunity for students to earn an Industry Based Certification of ServSafe.

PREREQUISITE: ProStart I GRADE LEVEL: 11-12 CREDIT: 2

FEE: Must have Black Pants and Slip-Proof/Closed Toe Shoes Certification: ProStart (requires additional work hours)

CRIMINAL JUSTICE I: This course takes place at the St. Charles Parish Sheriff's Office Training Facility, and it is taught by instructors from the St. Charles Parish Sheriff's Office. The course provides an overview of the criminal justice system including functions and responsibilities of law enforcement, the judiciary, and corrections. Students will complete units of study by participating in site visits, learning from experts in the field, and completing hands-on activities that align to careers in law enforcement.

PREREQUISITE: None GRADE LEVEL: 11-12 CREDIT: 1

CYBERSECURITY PLTW (2 Credits)

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computation resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

PREREQUISITE: Computer Science I (Essentials) or Operation Spark Level 1 or AP Computer Science GRADE LEVEL: 10-12 CREDIT: 2

CYBERSOCIETY (NICERC PARTNERSHIP):

Cybersociety introduces the tools and concepts of cybersociety and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersociety, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely. Whether seeking a career in the growing field of cybersociety or learning to defend their own personal data or a company's data, students in Cybersociety establish an ethical code of conduct while learning to defend data in today's complex cyberworld.

PREREQUISITE: None GRADE LEVEL: 9-12 CREDIT: 1

DANCE I (Lafon Performing Arts Center): This class begins with an overview of human anatomy as it relates to dance movement, along with various injury-prevention techniques and standard dance terms. Students will study the basic elements of space, time, and energy as it relates to dance, dance structures, and choreographic devices and how they serve as both foundation and a departure point for choreographers. Students will learn to interpret and analyze dance movement by considering intent, meaning, and artistic expression as communicated through the use of the body, elements of dance, dance technique, dance structure, and context. Finally, students will practice dance literacy which includes deep knowledge and perspectives about societal, cultural, historical, and community contexts. Dance 1 consists of five units: The Origins of Dance, Ballet, Modern Dance, Performance Workshop, and Dancing Through Time. Team members will also participate in workshops and performances with local dance artists. There is also a final performance for friends and family at the end of the Dance I semester. This course may be used as a fine arts or physical education credit.

PREREQUISITE: None GRADE LEVEL: 9-12 CREDIT: 1

DANCE II (Lafon Performing Arts Center):

Dance II expands upon the knowledge learned in Dance I. Dancers learn the techniques of Contemporary Ballet, PostModern Dance, Tap, and Jazz. Dance II includes three units: Ballet vs. Contemporary Ballet, Modern vs. Postmodern Dance, and Dance for the Stage vs. Dance for Film (where dancers make their own dance films). Throughout the semester, dancers will create solo pieces in the dance style of their choice, culminating in a performance for family and friends. Dancers will have the opportunity to participate in workshops and performances with local dance artists. Dance II team members will also have the possibility of being eligible for induction into the National Honors Society for Dance Arts. This course may be used as a fine arts or physical education credit.

PREREQUISITE: Dance I GRADE LEVEL: 9-12 CREDIT: 1

DIGITAL GRAPHICS: In the Digital Graphics course, students will use digital content such as images or video, to create multimedia projects. Two-dimensional animation will be addressed. The media used within these productions will be developed, manipulated, and edited by the students and convey content-rich information. Final products should reflect use of multimedia

elements, knowledge of design theory, and competency with productivity tools. Students should have a basic working-knowledge of computers. High levels of creativity are essential for this course. This course is designed to encourage students to further their education at the Satellite Center in the field of Digital Media. PREREQUISITE: None GRADE LEVEL: 10-12 CREDIT: 1

DIGITAL MEDIA I: Digital Media I is a project based course that allows students to creatively express themselves through digital graphics, print media, computer animation, and other newly emerging forms of digital media. Using industry standard tools and techniques, students will create innovative digital media projects for clients both inside and out of the School District. Students will also be given the ability to facilitate meetings, serve as team leaders, manage project timelines and produce professional products. In addition, students will also be expected to give presentations, as well as participate in class critiques and team meetings. This integrated curriculum forms a solid groundwork from which students may build upon in Digital Media II. Students must complete 25 hours of teacher approved work in addition to the instructional time. **This course is a Satellite Center course and is taught at the Lafon Performing Arts Center.**

PREREQUISITE: (one of the following) Talented Art, AP Studio Art, Digital Graphics or Satellite Center Instructor recommendation.
GRADE LEVEL: 11-12 CREDIT: 2

DIGITAL MEDIA II: Digital Media II is a continuation of Digital Media I, expanding upon students' visual design abilities and technical skills. Students will create electronic and print portfolios, explore various animation techniques, styles, and production methods, and continue to work on advanced design campaigns. There is a strong focus on students providing project and team management services to other students, fostering a real-world business atmosphere in the classroom. Students must complete 25 hours of teacher approved work in addition to the instructional time. **This course is a Satellite Center course and taught at the Performing Arts Center.** Through the course students have the opportunity to earn an Industry Based Certification of Adobe Illustrator. PREREQUISITE: Digital Media I GRADE LEVEL: 11-12 CREDIT: 2

EDUCATORS RISING I: This course is designed for students interested in exploring the field of education. Instruction is provided through hands-on service learning projects using the Educators Rising curriculum. Students will learn the foundations of education, observe teaching

(Kindergarten - 12th grade and Special Education), and practice teaching skills. Successful completion of the course gives students dual-enrolled college credit. The Educators Rising course is combined with Speech III for student to develop public speaking skills needed for teaching. **Dual Enrollment – SELU** PREREQUISITE: Quality for DE GRADE LEVEL: 11-12 (Spring 10th Grader if they have enough credits to be considered a Junior) CREDIT: 2

EDUCATORS RISING II - TEACHING

INTERNSHIP: provides students the opportunity to practice skills developed in the Educators Rising course through direct hands-on experiences in a classroom. Students work with a mentor teacher throughout the semester observing the class, working with small student groups, and teaching a full lesson to the class. Along with the internship, students will complete performance-based assessments to showcase their skills. Students receive an Internship credit in addition to the Ed Rising II credit. PREREQUISITE: Educators Rising I GRADE LEVEL: 11-12 CREDIT: 2

ELECTRICAL I NCCER: Students will develop skills in troubleshooting, power supplies, transistor, and diode circuits, and digital electronics circuits. An analog and digital electronic project will be designed and constructed. Students will be introduced to robotics technology and assemble a small robot. PREREQUISITE: Basic Electricity GRADE LEVEL: 10-12 CREDIT: 2

EMERGENCY MEDICAL RESPONDER (EMR):

This course offers the opportunity for students to become Emergency Medical Responder (EMR) Certified through the Bureau of Emergency Medical Services. Students are taught how to respond to various medical and trauma emergencies. Students must be able to pass not only written tests but skills check off tests that prove that the student is competent and knowledgeable in treating a victim or patient. Students must complete 25 hours of teacher approved work in addition to the instructional time. This course is offered at the Satellite Center and provides the opportunity for students to earn an **Industry Based Certification of Emergency Medical Responder (EMR)**. Students must earn American Heart Association BLS for Healthcare Providers certification, which will be taught at the start of semester, to be eligible for EMR certification.

PREREQUISITE: GPA 1.85 GRADE LEVEL: 11-12 CREDIT: 2

ENGINEERING DESIGN I: This course is a project based course designed to introduce students to the field of engineering and engineering design. This course is a yearlong commitment. It will provide an overview of the fields of engineering with an emphasis on engineering principles and practices. Topics such as mechanical systems and electrical control systems are included. The engineering design principles and practices related to each of the systems will be emphasized through hands-on experiences in a wide range of engineering technologies using industrial quality equipment and software. Work-based learning strategies for this course may include job shadowing and/or field experiences. Oral and written skills are reinforced through presentations, group projects and technical writing. This course focuses on improving academic skills and teaches other important career skills such as problem-solving, work ethic, and critical thinking. This course is a Dual Enrollment course with the University of New Orleans - PHYS 1063 for one (1) college credit. **This course is offered at the Satellite Center to senior students only.**

PREREQUISITE: Completed the Engineering Design Packet (Overall GPA of 2.5- Math and Science Overall GPA of 2.75- Letter of Recommendation from a math and science teacher- Successful completion of Student Questionnaire and should have taken or concurrently be enrolled in Advanced Math
GRADE LEVEL: 12 CREDIT: 1
NOTE: One additional credit in Physics will be earned along with this course credit.

ENGINEERING DESIGN II: Engineering Design II is a project based course designed to introduce the engineering topics of thermodynamic systems, mechanical drives, and electrical system. Engineering design principles and practices related to each of the systems will be emphasized through several small group projects as well as a semester-long group design project using industrial quality equipment and software. Work-based learning strategies for this course include field experiences to local industry and possible job shadowing. Oral and written skills are reinforced through presentations, group projects and technical writing. This course focuses on improving academic skills and teaches other important career skills such as problem-solving, work ethic and critical thinking. This course is a Dual Enrollment course with the University of New Orleans - PHYS 1065 for one (1) college credit and ENGR 1000 for one (1) college credit. **This course is offered at the Satellite Center to senior students only.** In addition to Engineering Design II, students will take year-long Physics H.

PREREQUISITE: Engineering Design I
GRADE LEVEL: 12 CREDIT: 1
Note: One additional Credit in Principles of Engineering will be earned along this course credit.

ENTREPRENEURSHIP: Do you want to be your own boss? Do you want to have a highly successful company? Are you interested in the advantages and disadvantages of becoming an entrepreneur? If so, Entrepreneurship is the course for you. Entrepreneurship will take you through a step-by-step process of owning your own business. Through this process, you will learn what skills are needed in order to become an entrepreneur, determine who your customers are, learn how to market your business, and obtain financial assistance. You will also focus on products or services to sell, how to manage employees, and how to put together a business plan.

PREREQUISITE: None GRADE LEVEL: 10-12 CREDIT: 1

FAMILY AND CONSUMER SCIENCES: This is a comprehensive course covering the following: foods and nutrition, cooking, baking, clothing, sewing, and housing and careers related to the career majors.

PREREQUISITE: None GRADE LEVEL: 9-12 CREDIT: 1

FIRST ROBOTICS: The Robotics program generally prepares individuals to assemble, install, operate, maintain, and repair electrical/electronic equipment used in business and industry. This course includes instruction on actual equipment or associated trainers, relating to power supplies, amplifiers, motors, digital and computer circuitry, programmable controllers, computer peripherals, computer networking, general robotic applications, lasers, fiber optics, communication systems, and video systems.
PREREQUISITE: None GRADE LEVEL: 9-12 CREDIT: 1

FRENCH I: French I is the introductory course to learning a modern language. It includes a structured form of language learning with emphasis on the development of four basic skills: listening, speaking, reading and writing as well as an appreciation of French culture.
PREREQUISITE: Student must have earned an English I credit or have scored Basic on the 8th grade LEAP ELA GRADE LEVEL: 9-12 CREDIT: 1

FRENCH II: This course is a continuation of French I with emphasis on furthering the development of the basic skills in language learning through more detailed grammar and

vocabulary study as well as an appreciation of French culture.
PREREQUISITE: French I GRADE LEVEL: 10-12
CREDIT: 1

FUNDAMENTALS OF VIDEO GAME

PROGRAMMING: Students learn the fundamentals of video game programming, explore new design patterns, learn the basics of Object Oriented programming, apply trigonometry to simulate simple physics engines, create code libraries to support game development, study classic Atari style 2D video games, and design and build additional video game levels. Introduced is the concept of game mechanics - the art of designing a compelling and captivating game.

PREREQUISITE: Advanced Javascript, Functional Programming, and Web Development (080526), Level 1 and 2 IBC
Grade level: 10-12
Credit: 1 Fee: None

GENERAL TECHNOLOGY EDUCATION:

General Technology education is an introductory course divided into areas: Technical drawing, project planning, electricity, metals, and woodworking. Shop safety is emphasized. The basic knowledge, skills, tools, and techniques needed for each area are introduced to the student. Students have the opportunity to earn an additional credit by completing the NCCER CORE curriculum associated with this course.
PREREQUISITE: None GRADE LEVEL: 9-12
FEE: \$10 CREDIT: 1

GEOGRAPHIC INFORMATION SYSTEMS (GIS) **Level 1 (Statewide Basic IBC Opportunity):**

Geographic Information Systems (GIS) is technology capable of gathering, managing, and analyzing location-based data which can be used for creating maps, operations, and decision-making. GIS organizes layers of spatial data and information by visually displaying data. With this unique geospatial capability, GIS reveals deeper insights into data, revealing patterns and relationships which may otherwise go unnoticed – preparing GIS users with skills allowing them to live, compete and successfully function in a global society by making smarter decisions for stakeholders. Students will have an opportunity to earn the statewide basic industry-based certification, Geographic Information System (GIS) ESRI User Certification.

PREREQUISITE: Algebra I, English I
GRADE LEVEL: 10-12 CREDIT: 1

GOVERNMENT (STUDENT COUNCIL I): The study of American local, state, and national government and political parties and politics. The course will also focus on Student Council and its

activities, (i.e. community service, planning Homecoming and pep rallies).
PREREQUISITE: Screening GRADE LEVEL: 11-12 CREDIT: 1

HEALTH EDUCATION: Health Education is taught one semester and focuses on CPR, Substance Abuse, nutrition, and communicable diseases. The state guide for the comprehensive health course is followed.

PREREQUISITE: None GRADE LEVEL: 9-12
CREDIT: ½

HOTEL, RESTAURANT AND TOURISM

ADMINISTRATION I and II (HRT): This course is an introductory course providing students with basic skills that will be applied toward a successful career in the hospitality industry. Emphasis is placed on the various skills and services in the hospitality industry including event planning, food and beverage management, advertising, marketing, travel and tourism. The class will also focus on developing 21st century skills such as effective communication skills, leadership practices and management policies and procedures that can be applied in any business setting. Topics covered in this course range from the planning, organization and implementation of industry specific projects, customer service, event management and the economic impact of tourism. Real world projects provide opportunities for application of instructional competencies. Student must complete 25 hours of teacher approved work in addition to instructional time. **This course is offered at the Satellite Center.** This course is dually enrolled with Delgado Community College - Host 101 for three (3) credit hours and HOSTs 103. Students earn industry credentials Certified Guest Service Professional and Certified Hospitality and Tourism Management Professional and a Hospitality CTC. Must have black non-slip closed toe shoes and Khaki Pants
PREREQUISITE: 2.0 GPA or C+ in English courses

GRADE LEVEL: 11-12 CREDIT: 2

INSTRUMENTATION I NCCER: This course is designed to introduce students to becoming Instrumentation Technicians. They maintain the equipment that controls the automation in industry plants and factories. This course is designed to prepare students to perform key installation and maintenance functions across several industries in the field of instrumentation. Students will learn important processes and knowledge areas including hand tools, electrical safety, power tools, electrical systems, metallurgy and fasteners. The course content is organized into modules with written and performance assessments designed by NCCER (National Center for Construction Education and

Research). Students will complete 12 modules and earn the NCCER Instrumentation Credential. This is a Dual Enrollment course with River Parish Community College- INST 1110 for three (3) college credits and is offered at the Satellite Center.

PREREQUISITE: NCCER Core GRADE
LEVEL: 11-12 CREDIT: 2

INTERACTIVE MEDIA/MEDIA ARTS: This newly redesigned personalized, project-based course allows students to explore their creative side while also following their own passions. Students spend the first few weeks of the semester exploring multiple areas of the digital arts world, each student will be allowed to create an individual plan for completion of student-led projects that are tailored to their interests. Some examples of possible creative projects that students could create are: motion graphics, stop action animation, interactive animation, digital art installations, digital painting, augmented reality design, mobile apps, client based web design, podcasts, social media marketing, studio photography, photojournalism, mobile photography, photo manipulation, character/background design for animation or video games mobile gaming, interactive art displays, animated gifs, 3D design for augmented reality, etc. Each student will also have the opportunity to connect with other high school and college digital arts students around the nation, as well as industry professionals. Students will also be given the ability to facilitate meetings, serve as team leaders, manage project timelines and produce professional products. In addition, each student will examine possible careers in the technology or digital arts field and create a personal portfolio to use as they pursue their goals. This course is a Satellite Center course and is taught at the Dr. Rodney Lafon Performing Arts Center.

PREREQUISITE: (one of the following) Art I or above, Talented Art, Digital Graphics, Operation Spark, Drafting, Digital Media, Technical Theatre, Advanced TV Broadcasting, or Satellite Center instructor recommendation. GRADE LEVEL: 11-12 CREDIT: 2

INTERACTIVE MEDIA II (Digital Arts/Technology Internship): This internship course is an opportunity for a student to spend time with one or more employees at a business, non-profit organization, or government agency. The goal of the Internship program is to increase the student's knowledge of workplace skills and receive on-the-job experience. On a worksite students will gain an understanding of the internship site's work, mission, and audience, and the organization's position in the broader industry or field. The internship experience is selected based

on the student's chosen career cluster/pathway. In addition, this course enables the instructor to communicate to students what skills and knowledge are necessary to enter certain careers. PREREQUISITE: Internship Application/Interview and have taken one of the following courses: Interactive Media, Digital Arts Exploration, Digital Media, Advanced TV Broadcasting I, or Operation Spark. GRADE LEVEL: 12 CREDIT: 2

INTRODUCTION TO AVIATION INDUSTRY
Students will learn about career opportunities in aviation and aerospace and the critical issues facing the industry. Students will also drill down into the various sectors of aviation and the elements that make up the aerospace ecosystem. Students will explore modern innovations and develop innovative ideas to address the aviation industry's real-world challenges. They will be exposed to various career options in aviation and aerospace and take an in-depth look at available opportunities. Earn a Certification in FAA Part 107A
PREREQUISITE: None GRADE
LEVEL: 9-12 CREDIT: 1

INTRODUCTION TO BUSINESS COMPUTER APPLICATIONS: Introduction to Business Computer Applications provide students with tools to assist in basic computer use. Students will apply correct keyboarding techniques in preparing personal and business documents, and cross-curricular problem-solving projects, using MS Office applications (MS Word, Excel, Publisher, and Access).
PREREQUISITE: None GRADE LEVEL: 10-12 CREDIT: 1

INTRODUCTION TO ENGINEERING DESIGN (PLTW): Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.
PREREQUISITE: Algebra I GRADE
LEVEL: 9-12 CREDIT: 1

INTRODUCTION TO LOGISTICS & SUPPLY CHAIN MANAGEMENT
This course introduces learners to supply chain and logistics activities involved in the flow of products and information among the suppliers, producers, and distributors to fulfill consumer demand. Hands-on experiential learning activities are used to enhance learning of concepts and field trips and guest speakers are provided to demonstrate concepts in real-world application. Students will have an opportunity to earn the

Manufacturing Skills Standard Council's (MSSC) Certified Logistics Associate Certification.
PREREQUISITE: None GRADE LEVEL: 10-12 CREDIT: 2 (Double-blocked class)

INDUSTRIAL MAINTENANCE MECHANIC (2 credits)

Numerous industries rely on skilled industrial maintenance craftworkers to keep operations running smoothly. Using a wide variety of technical skills, maintenance craftworkers help manufacturers install, repair, and replace heavy equipment. A craftworker needs a wide range of skills to support advancements in technology. These skills include reading blueprints, understanding computerized control panels, and diagnosing mechanical problems. Students will have an opportunity to earn the statewide basic industry-based certification, NCCER Industrial Maintenance Mechanic Level I.
PREREQUISITE: NCCER Core GRADE LEVEL: 11-12 CREDIT: 2

LAW STUDIES: Law Studies is designed to assist students in understanding basic legal rights and responsibilities as they apply to individuals and communities. This course includes crime prevention, conflict management, substance abuse, and study of criminal/juvenile justice systems.
PREREQUISITE: None Grade level: 9-12 Credit: 1

MEDICAL ASSISTING I: This course is designed to provide classroom and clinical experiences in health care facilities for those interested in pursuing a career as a Medical Assistant. The course provides an introduction to medical terminology, Anatomy and Physiology, office based skills, patient assessment, and phlebotomy, in addition to class based lab experiences. This is a **year-long commitment** and dually enrolled with RPCC for thirteen (13) dual enrollment credits. It is taught by an RPCC instructor.
PREREQUISITES: Must pass a clear background check, 16 years of age, pass drug tests, up-to-date immunizations
GRADE LEVEL: 12 CREDITS: 2
Must have Teacher Approved Scrub Pants and White Jacket, as well as Closed Toe Shoes

MEDICAL ASSISTING II: this is a continuation of the Medical Assistant program through RPCC. The course provides basic nursing skills which include safety and emergency procedures, restorative services, personal care, Heimlich Maneuver, resident's rights/independence, communication and interpersonal skills, basic nursing services, mental health and social service needs. Through this course students will be working with patients for a total of 40 hours and will be completed during the class time and upon

passing the Certified Medical Assistant Exam (CCMA) they will be a Certified Medical Assistant. It is dual enrolled with RPCC for thirteen (13) dual enrollment credits and students complete the Medical Assistant Certificate of Technical Studies. It is taught by an RPCC instructor.
PREREQUISITES: Medical Assisting I
GRADE LEVEL: 12 CREDITS: 2

NUTRITION AND FOOD: An extensive study of health and nutrition & the preparation of food.
PREREQUISITE: Family & Consumer Science I
GRADE LEVEL: 10-12 CREDIT: 1

OPERATION SPARK LEVEL 1: Fundamentals of HTMS, CSS, and Java Script

This course provides an introduction to computer programming using JavaScript and is designed for high school students with little to no prior experience in coding. It aims to teach students the core concepts of computer programming and basic front-end web development skills, and provides students with an understanding in the roles computation can plan in solving problems. Students also learn software development career options. Students are trained in HTML and CSS programming and equipped with the skills to build websites, simple games, and animation. By the end of the semester, students create a live website that hosts all of their projects from the semester. This website acts as a portfolio to show future colleges and employers the work they have completed in the course. The Fundamentals of HTML, CSS, and JavaScript course is also designed to help students prepare for an Industry Based Certification (IBC) in Fundamentals of JavaScript, Functional Programming, and Web Development (Level 1).
PREREQUISITE: None GRADE LEVEL: 10-12 CREDIT: 1

OPERATION SPARK LEVEL 2: Advanced JavaScript, Programming, and Web Development

This course builds upon skills learned in the Level 1 course and provides a continuation to computer programming using JavaScript. It aims to teach students the core concepts of functional programming, database administration, algorithmic thinking, and video game and mobile app development. Students are trained in HTML and CSS programming and equipped with the skills to build websites, simple games, and animation. They also learn about software development career options. By the end of the semester, students create a live website that hosts all of their projects from the semester. This website acts as a portfolio to show future colleges and employers the work they have completed in the course. Upon successful completion, students will have the opportunity to earn a statewide advanced industry based certification,

Fundamentals of JavaScript, Functional Programming, and Web Development (**Level 2**).
PREREQUISITE: Operation Spark Level 1
GRADE LEVEL: 10-12 CREDIT: 1

PATIENT CARE I/Medical Terminology: The Patient Care course is designed to introduce students to patient assessment and care. In this course, students are performing hands-on skills and learning note taking strategies. This course integrates anatomy and physiology, diseases and medical terminology of the body systems. Topics such as microbiology, infection control, patient safety, medication administration and body mechanics as related to overall patient health are included. Work based learning strategies appropriate for this course may include professional speakers from the industry and/or field experiences. Oral and written skills are reinforced in this course through problem-based learning, patient scenarios and presentations prepared by students. This course offers the opportunity for students to become American Heart Association CPR certified. Students must complete 25 hours of teacher approved work in addition to instructional time. Patient Care is a Dual Enrollment course with the River Parishes Community College, Reserve Campus -Medical Terminology for Health Care Professionals for three (3) college credits. This course is offered at the Satellite Center and provides the opportunity for students to earn an Industry Based Certification of AHA CPR/BLS.
PREREQUISITE: None GRADE LEVEL: 11-12 CREDIT: 1

PHYSICAL EDUCATION I: This course emphasizes physical fitness, coordination, conditioning and individual and team sports competition with an aim toward improvement in individual skills and techniques in each activity. The state curriculum guides for Comprehensive Health Education and Physical Education are followed.
PREREQUISITE: None GRADE LEVEL: 9-12 CREDIT: 1

PHYSICAL EDUCATION II: This course is a continuation of the skills taught in PE I including; physical fitness, coordination, conditioning, and individual and team sports competition. The state curriculum guide for Physical Education is followed. PREREQUISITE: PE I GRADE LEVEL: 9-12 CREDIT: ½ (This course is taken with Health)
NOTE: Any student who is physically unable to participate in the state's required physical education program must have on file in the office of the school nurse a statement from a physician stating the nature of the disability and affirming that the student should be excused from physical activity for a given period of time. This medical

excuse must be updated each school year. The restricted student, in the absence of an adapted physical education program, will be enrolled in an extra elective course for the semester/year covered by the excuse.

PLTW HUMAN BODY SYSTEMS –Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real-world cases, and often play the role of biomedical professionals to solve medical mysteries. This course offers the opportunity for students to become American Heart Association CPR certified. PREREQUISITE: Principles of Biomedical Science or Biology GRADE LEVEL: 10-12 CREDITS: 2

PLTW PRINCIPLES OF ENGINEERING: This is the second engineering course offered in the Project Lead the Way engineering pathway. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This course can be used as 1 of the required 4 sciences needed for completion of TOPS requirements.
Prerequisite: PLTW Intro to Engineering Design
GRADE LEVEL: 10-12 CREDIT: 1

PLTW PRINCIPLES OF BIOMEDICAL SCIENCE:
In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.
PREREQUISITE: None GRADE LEVEL: 9-12 CREDIT: 1

PRINCIPLES OF BUSINESS: This is an introductory course that provides students with basic business operation skills that can be

applied in both personal and professional situations. Through business application projects, critical thinking, and oral and written communication skills are reinforced. Activity areas include credit, savings, investing and banking, starting, marketing, financing and managing a small business.

PREREQUISITE: None GRADE LEVEL: 9-12
CREDIT: 1

PROCESS TECHNOLOGY (PTEC) I/II: Process Technology I is an 'Introduction to Process Technology'. This course covers a basic overview of a plant operator's job including the responsibilities and duties, personal and environmental safety, workplace communications, ethics, and industrial equipment used in the process industries (refineries, chemical plants, power plants, etc.). This course should provide an overview level of learning upon which future skills will be developed and a viable decision can be made, either committing to or exiting this career path. Process Technology II is about "Plant Safety". This course covers a wide range of topics relating to safety, health and the environment, including hazard recognition (chemical, physical, ergonomic, and biological), physical threats (acts of violence) in the process industries. Other topics discussed are cyber security, engineering and administrative controls, personal protective and safety-related equipment, first aid, and governmental regulations. Partnerships with local industries provide guest instructors, field experiences, and industry approved equipment and software. This course is a Dual Enrollment course with River Parish Community College- PTEC 1010/PTEC 2030 for six (6) college credits. **This course is offered at the Satellite Center.**
PREREQUISITE: 2.0 GPA or C in qualifying classes GRADE LEVEL: 11-12
CREDIT: 2

PUBLICATIONS I (YEARBOOK): Students in this course are involved in the financing, production, and distribution of the school yearbook. The content includes layout design, copy writing, and photograph cropping. Students who are interested in being members of the yearbook staff should be responsible, creative, and able to work as part of a team.
PREREQUISITE: Screening; strong writing skills
GRADE LEVEL: 10-12 CREDIT: 1

QUEST FOR SUCCESS (QFS): is an innovative, new, high school-level, career exploration course designed to prepare all Louisiana graduates for career and life success.

The new course will help all students to:

- develop essential 21st century workforce skills
 - the ability to communicate, collaborate, and lead;

- explore new and exciting careers and industry sectors; and
- learn about themselves and their interests to successfully navigate high school, postsecondary education, and career pathways.

The course, designed to replace many of Louisiana's current career preparation course, was written by leading educators from across the state as part of the Louisiana Educator Voice Fellowship, a partnership between the Louisiana Department of Education and America Achieves, a national non-profit organization. The Fellowship is part of Louisiana's comprehensive effort to improve career readiness in the state, including its hallmark Jump Start initiative.

PREREQUISITE: None GRADE LEVEL:
9-12 CREDIT: 1

SCULPTURE and CERAMICS (2 credits) This course is an introductory course in Sculpture and Ceramics. Students will cover the basics and methods

of hand-building: pinch, slab, and coil techniques. Students will also be exposed to wheel throwing techniques. Students will be introduced to art making through additive, subtractive and modeling processes of sculptural construction using multiple mediums. Art history, aesthetics and art criticism will be incorporated throughout the course. Class is held at the Satellite Center in the Education Wing of the Lafon Performing Arts Center
PREREQUISITE: None GRADE LEVEL:
9-12
CREDIT: 2 (Double block class)

SPANISH I: This course is an introduction to the Spanish language and its culture. The elements of pronunciation are stressed while communication skills are developed concurrently in four areas: listening comprehension, speaking, writing and reading. Cultural activities are presented throughout the duration of the course.
PREREQUISITE: None GRADE LEVEL: 9-12
CREDIT: 1

SPANISH II: This course consists of intensive drills in listening comprehension, speaking, writing and reading in the target language. The activities and assignments in this course build upon the content covered in Spanish I. The elements of pronunciation and the essentials of grammar and syntax are taught. Cultural activities are presented throughout the duration of the course.
PREREQUISITE: Spanish I GRADE
LEVEL: 10-12 CREDIT: 1

SPANISH III-DUAL ENROLLMENT 101: Offered during Fall semester ONLY. This course emphasizes advanced communication skills in four areas: listening comprehension, speaking,

writing and reading. Students apply skills presented and mastered in levels I and II to 'real life' situations. The elements of pronunciation, grammar and syntax, vocabulary and cultural activities are presented throughout the duration of the course.

PREREQUISITE: C or higher in last English class
GRADE LEVEL: 11-12 CREDIT: 1

SPANISH III-DUAL ENROLLMENT 102: Offered during Spring semester ONLY. This course is the continuation of Spanish III Dual Enrollment 101. The course emphasizes advanced communication skills in four areas: listening comprehension, speaking, writing and reading. Students apply skills presented and mastered in levels I and II to 'real life' situations. The elements of pronunciation, grammar and syntax, vocabulary and cultural activities are presented throughout the duration of the course.

PREREQUISITE: Spanish DE 101
GRADE LEVEL: 11-12 CREDIT: 1

SPANISH IV-DUAL ENROLLMENT 201: The course emphasizes proficiency in reading and communication of grammar review by introducing materials of moderate difficulty. The course also emphasizes advanced communication skills in four areas: listening comprehension, speaking, writing and reading. Students apply skills presented and mastered during 101 & 102 to mid-difficult level. The elements of pronunciation, grammar and syntax, vocabulary and cultural activities are presented throughout the duration of the course.

PREREQUISITE: Spanish DE 101 & 102, teacher recommendation, 92% or higher GPA in Spanish III
GRADE LEVEL: 11-12
CREDIT: 1

SPEECH I: Speech I is designed to introduce the student to verbal communication. The course includes a study of the voice and body as tools of communication, an introduction to public speaking, oral interpretation, theater, discussion, debate and media.

PREREQUISITE: None
GRADE LEVEL: 9-12
CREDIT: 1

SPORTS MEDICINE I: This course will provide an overview of the field of Sports Medicine as well as expose students to fundamental skills involved in Sports Medicine Healthcare setting. Students will learn about the study of medicine and how the field of Sports Medicine is unique in its focus and delivery of healthcare.

PREREQUISITE: Biology I
GRADE LEVEL: 10-12
CREDIT: 1/2 (Paired with Sports Medicine II)

SPORTS MEDICINE II: This course will provide an overview of the pathology of sports injuries

and basic management skills. Students will learn about the body's response to an injury and how to apply emergency action principles and skills. An emphasis is placed on athlete's psychological and sociological response to an injury and coping strategies utilized by healthcare professions to assist them to recovery. Students will also learn the symptomatic process healthcare professionals use when evaluating an injury and planning a rehabilitation plan.

PREREQUISITE: Sports Medicine I

GRADE LEVEL: 10-12 CREDIT: 1/2 (Paired with Sports Medicine I)

SPORTS MEDICINE III: This course will provide an overview of the common injuries and illnesses in sports and management strategies utilized by healthcare professionals. Students will also work on a variety of projects that require them to synthesize information learned from previous Sports Medicine courses.

PREREQUISITE: Sports Medicine I/II

GRADE LEVEL: 10-12 CREDIT: 1

STUDIO ART-ADVANCED PLACEMENT: This course is designed for students who are seriously interested in the practical experience of art and wish to develop mastery in the concept, composition, and execution of their ideas. You will learn how to develop your own work so that it moves beyond duplication. Artistic integrity and original compositions are emphasized and discussed. Additionally, students will focus on making art through inquiry, investigation, practice, experimentation, revision, communication and reflection. The general learning outcomes for this course are the ability to (1) conduct a sustained investigation through practice, experimentation, and revision, guided by (2) skillfully synthesizing materials, processes, and ideas; and (3) articulate, in writing, information about one's work.

PREREQUISITE: Art I plus Art II or III OR Talented Art designation OR teacher recommendation
GRADE LEVEL: 11-12
CREDIT: 1

STUDIO ART G/T I-IV: A specialized art program for students identified as Talented Art through criteria established at the state level. This course includes the study of the elements and principles of art. It also encourages visits to local museums and participation in art exhibitions.

PREREQUISITE: Must be screened and approved
GRADE LEVEL: 9-12 CREDIT: 1-4

STUDIO PIANO: Students will learn to read and play music on the piano, gaining technical proficiency through the study and practice of scales, chords, and music literacy fundamentals. Class will be held at the Lafon Performing Arts Center. PREREQUISITE: None/Must be

approved by Satellite Center Principal to repeat the course. GRADE LEVEL: 9-12 CREDIT: 1

TECHNICAL THEATER: Explore the “behind the scenes” elements of production in the following disciplines: art/design, backstage crew, lighting/electrics, and sound, among other subcategories. Learn and apply knowledge and skills to design your own work for a portfolio; act as crew moving sets, props, etc. during shows; operate a spotlight, lighting console, and audio console; set up a PA system and cabling for audio set-ups; and participate in best safety practices, including handling electrics and using proper body mechanics. Academic study and hands-on application provide a practical approach to production. Student workers can earn compensation after 25 hours of teacher approved work in addition to instructional time. Class is held at the Satellite Center in the Education Wing at the Lafon Performing Arts Center. Students may enroll in Technical Theater II, III and IV with Instructor Approval
GRADE LEVEL: 9-12 CREDIT: 2

THEATRE DESIGN AND TECHNOLOGY: Explore the “behind the scenes” elements of theatre and live event production with a focus on art and design, carpentry/construction, rigging, props, costumes, makeup, and stage management. Additional areas of interest such as sound, lighting, and projections/video can be explored based on individual interests. Learn and apply knowledge and skills to design your own work for a portfolio; build and paint scenery; create props; alter and sew costumes; practice makeup application and techniques for special effects; and run a production process. Academic study and hands-on application provide a practical approach to production. Team-members can earn a recommendation for compensated work after 25 hours of teacher approved hours in addition to instructional time. Class is held at the **Satellite Center** in the Education Wing at the Lafon Performing Arts Center. GRADE LEVEL: 9-12 CREDIT: 2

THEATRE G/T I-IV: Course content includes the study of various elements of theater, emphasis on character development, relationships, and acting skills. There is an extensive participation in all aspects of play production. This is a special education program offered through the State; therefore, students must go through the state screening process prior to participation in this class. PREREQUISITE: Must be screened and approved GRADE LEVEL: 9-12 CREDIT: 1-4

TELEVISION PRODUCTION I: Television Production I is intended to cover the basics of visual and aural mass communication including the specific areas of photography, motion pictures, radio, and television with the primary emphasis on television production. Students should have a basic working knowledge of computers. High levels of creativity are essential for this course. This course is designed to help further their education at the Satellite Center in the field of Television
Production PREREQUISITE: None GRADE LEVEL: 11-12 CREDIT: 1

WELDING I NCCER: Students will learn techniques and develop skills in ARC and MIG welding. Students will use oxy- acetylene torches, plasma-arc cutters, and various power tools for cutting metals. Proper safety and industrial work techniques will be stressed.
PREREQUISITE: General Technology
GRADE LEVEL: 10-12 CREDIT: 1

WELDING II NCCER: This course will teach students the fundamentals of welding and oxy-acetylene cutting operations. The NCCER Welding Level I Curriculum will be followed. Students will be exposed to ARC and MIG welding, oxy-acetylene and plasma-arc cutting. Weld preparation and techniques for welding in different positions will be covered.
PREREQUISITE: Welding I GRADE LEVEL: 10-12 CREDIT: 2