

## **SATELLITE CENTER**

### **What is the Satellite Center?**

With pathways of Applied Science & Technology, Education & Human Development, Health Science, Hospitality & Tourism, Technology & Communications, the Satellite Center is an extension of Destrehan High School and Hahnville High School. The center is designed to offer state of the art facilities and hands-on instruction for courses such as: Advanced Television Broadcasting, Culinary Arts/ProStart, Dance, Digital Media, Engineering Design, Health Clinical, Health Career Exploration, HRT (Hotel, Restaurant, and Tourism) Administration, Interactive Media, NCCER Industrial Scaffolding, Insulation & Coating, NCCER Instrumentation, Patient Care, Process Technology (PTEC), STAR (Student Teaching And Reaching), and Technical Theatre.

### **Who is eligible?**

Junior and senior students, who need a course for diploma requirements and successfully passing scores on the English and Math LEAP 2025 will be eligible to enroll in classes at the Satellite Center. GPA requirements vary by course. Dance I is open to freshman-seniors.

### **How do the Satellite Center courses fit into the daily schedule?**

Students who select Satellite Center courses will take classes either for 2 class periods in the morning or 2 class periods in the afternoon at the Satellite Center. If a student attends classes at the Satellite Center in the morning, then he/she will go to the base school for afternoon classes to take English and any other courses offered at the base school. The opposite would be true for students taking Satellite Center courses in the afternoon. Students who attend the Satellite Center every day for the entire school year will receive 3 or 4 credits for the courses taken.

### **How will students get to the Satellite Center?**

Students attending the Satellite Center can either ride a bus provided by the district, or they can drive if they have a vehicle. Attendance will be taken at the base school and at the Satellite Center.

### **Why should I consider taking classes at the Satellite Center?**

The classes being offered at the Satellite Center will be specifically designed to further the knowledge of foundational skills necessary for the chosen career field. Students will have the opportunity to work in teams to develop projects and interface with professionals in the industry. Students will be encouraged to be creative and challenge themselves as they gain foundational skills important for the career fields. The classes contain up-to-date curriculum designed with the help of business, industry, and school personnel to provide students with real-world, up-to-date information that will support the fundamental knowledge that enhances future success in that career. *Many of the courses offered at the Satellite Center provide an opportunity for a student to earn an Industry Based Certification.*

### Satellite Center Courses

These courses are offered at the Satellite Center Main Building and the Lafon Center Educational Wing

Course	Grade	Prerequisite	Cost	Credit
<b>Applied Science &amp; Technology Pathway</b>				
Engineering Design I	12	Completed Engineering packet (meet 4 of the 5 requirements and have taken or concurrently be enrolled in Advanced Math)	None	1
Engineering Design II	12	Engineering Design I		1
Honors Physics (taken with Engineering Design I, II)	12			1
NCCER Industrial Scaffolding, Insulation & Coating I	12	General Technology Core Certification	Steel Toe Boots or Shoes	1
NCCER Instrumentation I	11 or 12	General Technology Core Certification	Steel Toe Boots or Shoes	2
NCCER Instrumentation II	11 or 12	NCCER Instrumentation I		1.5
Process Technology (PTEC) I	11 or 12		Steel Toe Boots or Shoes	1
Process Technology (PTEC) II	11 or 12	Process Technology (PTEC) I		1
Process Technology (PTEC) III	11 or 12	Process Technology (PTEC) I & II		1
<b>Education &amp; Human Development Pathway</b>				
STAR I and Speech III	11 or 12	Application packet with approval from parent, three (3) teacher recommendations, interview by STAR Review Panel	None	1 & 1
STAR II and Speech IV	11 or 12	STAR I		1 & 1
<b>Health Science Pathway</b>				
Health Career Exploration I	11 or 12	None	Scrub Pants, Jacket, Closed Toe Shoes	2
Health Career Exploration II	11 or 12	Health Career Exploration I		2
Medical Assisting	12	Must pass a background check, 16 years of age, up to date immunization, pass drug test	Scrub Pants, Closed Toe Shoes	1
Medical Assisting II	12	Medical Assisting I		2
Patient Care I & II	11 or 12	None	Scrub Pants, Jacket, Closed Toe Shoes	2
Patient Care III & IV	11 or 12	Patient Care I & II		2
<b>Hospitality &amp; Tourism Pathway</b>				
Culinary Arts I/ProStart I	11 or 12		Black Pants, Black No Slip Work Shoes	2
Culinary Arts I/ProStart II	11 or 12	Culinary Arts I/ProStart I		2
Dance I	9-12		Black Pants, Black Shirt Tap Shoes	1
HRT (Hotel, Restaurant, Tourism) Administration I	11 or 12		Khaki Pants, White Oxford Shirt, Black No Slip Back Shoes	2
HRT (Hotel, Restaurant, Tourism) Administration II	11 or 12	HRT (Hotel, Restaurant, Tourism) Administration I		2
<b>Technology &amp; Communication Pathway</b>				
Advanced Television Broadcasting I	11 or 12	TV Production I, recommendation or Satellite Center instructor recommendation, recommendation form from TV Production I teacher	None	2
Advanced Television Broadcasting II	11 or 12	Advanced Television Broadcasting I		2
Digital Media I	11 or 12	Art II, Talented Art, AP Studio Art, Computer Multimedia Productions, Desktop Publishing, Digital Graphics and Animation or Satellite Center Instructor recommendation	None	2
Digital Media II	11 or 12	Digital Media I		2
Interactive Media I	11 or 12	Art II, III, IV, Computer Science, Digital Graphics, Web Mastering I/II, or Satellite Center instructor recommendation (would also require meeting and/or portfolio review)	None	2
Interactive Media II	11 or 12	Interactive Media I		2

Technical Theatre I	11 or 12		None	2
Technical Theatre II	11 or 12	Technical Theatre I		2

**\*\* If student enrollment exceeds class size, a public lottery will take place to select students.**  
*Student(s) will be offered an opportunity to take other Satellite Center courses if they do not make the lottery.*

**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 Premier 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 taught at the Dr. Rodney Lafon Performing Arts Center.

PREREQUISITE: TV Production I or Satellite Center instructor recommendation. Grade Level: 11-12 Credit: 2 Fee: (None)

**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 Premier 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 taught at the Dr. Rodney Lafon Performing Arts Center. Through the course students have the opportunity to earn an Industry Based Certification of Adobe Premier Pro.

PREREQUISITE: Advanced TV Broadcasting I Grade Level: 11-12 Credit: 2 Fee: (None)

**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.

PREREQUISITE: None 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 food services/hospitality industry. Emphasis is on obtaining skills for the industry-based certification and preparation for internships in the industry. A 400 hour practical experience and a nationally certified exam from the National Restaurant Association will allow the students to leave high school with national ProStart certification. Topics of study include career preparation, history of the industry, lodging, tourism, the art of service, marketing, purchasing, and inventory control, as well as advanced planning and food preparation techniques. Skills in critical thinking, math, communications, and science are reinforced in this course. The ProStart II 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 ProStart.

PREREQUISITE: Culinary Arts/ProStart I Grade level: 11-12 Credit: 2 Fee: See Culinary Arts I

**Dance I** 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 also experience dance performance as an interaction between performer, production

elements, and audience that heightens and amplifies artistic expression. 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.

PREREQUISITE: None      Grade level: 9-12      Credit: 1      Fee: None

**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 taught at the Dr. Rodney Lafon Performing Arts Center.

PREREQUISITE: (one of the following) Art II, Talented Art, AP Studio Art, Computer Multimedia Productions, Desktop Publishing, Digital Graphics and Animation or Satellite Center Instructor recommendation.

Grade Level: 11-12      Credit: 2      Fee: (None)

**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 as well as 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 taught at the Dr. Rodney Lafon 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      Fee: (None)

### **ENGINEERING DESIGN I:**

This course is a project based course designed to introduce students to the field of engineering and engineering design. This course 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 Engineering Design Packet (Overall GPA of 2.5; Math and Science Overall GPA of 2.75 (Math ACT of 19 or higher can be accepted instead of the 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      Fee: (None) *NOTE: One additional credit in Honors 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 systems. 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. 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: 12      Credit: 1      Fee: (None)

**HEALTH CAREER EXPLORATION I:** This is a lab-based class providing hands-on activities emphasizing real-life situations for students who are interested in pursuing a career in the health/medical profession. The course provides an overview of

the health industry including business, health information, administration and patient care. Additional content will include legal and ethical issues, medical terminology and patient assessment. This course offers the opportunity for students to become American Heart Association CPR certified as well as opportunities to develop appropriate professional behaviors. Work-based learning strategies appropriate for this course may include job shadowing and/or field trips. Oral and written skills are reinforced in this course through simulated in-school laboratory activities designed to provide opportunities for the student to develop clinical skills and appropriate professional behaviors. 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 AHA CPR.

PREREQUISITE: None            Grade level: 11-12            Credit: 2            Fee: Must have Teacher Approved Scrub Pants and White Jacket, as well as Closed Toe Shoes

**HEALTH CAREER EXPLORATION II:** This is the second of two courses designed to provide specific entry-level skills and knowledge in an area(s) of interest of the student. This course focuses on the application of concepts learned in Health Career Exploration I. 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).

PREREQUISITE: Health Career Exploration I            Grade level: 11-12            Credit: 2            Fee: See Health Career Exploration I

**MEDICAL ASSISTING I:** This hands-on course is designed to provide students the opportunity for clinical experiences in health care facilities for those interested in pursuing a career with the health/medical profession. This course provides an introduction to medical terminology as related to Anatomy and Physiology as well as lab experiences.

PREREQUISITES: Must pass a clear background check, 16 years of age, pass drug tests, up-to-date immunizations Grade level: 12            Credits: 1            Fee: Must have Teacher Approved Scrub Pants and White Jacket, as well as Closed Toe Shoes

**MEDICAL ASSISTING II:** This is the second hands-on course providing clinical experiences in health care facilities for those interested in pursuing a career with the health/medical profession. This 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 passing the Certified Medical Assistant Exam (CCMA) they will be a certified medical assistant

PREREQUISITES: Medical Assisting II            Grade level: 12            Credits: 2            Fee: See Medical Assisting I

**HRT (HOTEL, RESTAURANT AND TOURISM) ADMINISTRATION I:** 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 21<sup>st</sup> 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.

PREREQUISITE: None            Grade level: 11-12            Credit: 2            Fee: Must have Khaki Pants, Oxford White Collar Shirt, and Black Non-Slip Closed Toe Shoes

**HRT (HOTEL, RESTAURANT AND TOURISM) ADMINISTRATION II:** This course is the second course for the HRT (Hotel, Restaurant, and Tourism) Administration class providing students with more advanced skills to be applied toward a successful career in the hospitality industry. Emphasis is placed on the leadership, management, marketing, sales, and food and beverages divisions in the hospitality industry. The class will continue to develop 21<sup>st</sup> 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 sales and marketing of a property and destination, exceeding customer

expectations, career development, team building, and business and marketing plans. Real world projects provide opportunities for application of instructional competencies. Student must complete 25 hours of teacher approved work in addition to instructional time. In addition, students are provided the opportunity to earn Dual Enrollment at University of New Orleans (HRT2000 - 3 college credits). This course is offered at the Satellite Center.

PREREQUISITE: HRT (Hotel, Restaurant, and Tourism) Administration I      Grade level: 11-12  
Credit: 2                                      Fee: See HRT Administration I

**INTERACTIVE MEDIA I:** This course gives students the opportunities to work with real clients in the real world to create interactive environments and products that meet the client's' needs and time to explore the cutting edge of the interactive media field. These projects integrate the elements of audio, video, still images, code, animation, text and data for the delivery of interactive content. Projects will give the ability to work on the following skills (with some variation due to client needs): team dynamics, customer service principles, CMS based website design, web based content management, Agile Frameworks (Scrum), live streaming media, web based analytics, photography, video for virtual reality, UX/UI design, Design Thinking, animation for entertainment, examining possible careers in interactive media, and the application of interactive media in an individually chosen project (20% project). Student must complete 25 hours of teacher approved work in addition to instructional time. This course is a Satellite Center course and is taught at the Dr. Rodney Lafon Performing Arts Center.

PREREQUISITE: (one of the following) Art II or above, Talented Art, Computer Science, Digital Graphics, Web Mastering I/II, or Satellite Center instructor recommendation (would also require meeting and/or portfolio review) .  
Grade level: 11-12      Credit: 2                                      Fee: (None)

***\*If student enrollment exceeds class size, a public lottery will take place to select students. Student(s) will be offered an opportunity to take other Satellite Center courses if they do not make the lottery.***

**INTERACTIVE MEDIA II:** This course is a continuation of Interactive Media I and allows team members a more individualized exploration of the interactive media field. This course allows for a focus on individual growth and experiences that will give them a head start when moving to the next phase of their academic career or moving directly into the workforce. Projects will give the ability to work on the following skills (with some variation due to client needs): animation for commercial use (examples: PSA, animated shorts), commercial photography, individualized projects (a continuation of the 20% project), personal branding, social media for promotion, 3D design, 3D printing, exploration of careers in the tech and digital arts industries, college visits, and opportunities to attend industry based conferences. Student must complete 25 hours of teacher approved work in addition to instructional time. This course is a Satellite Center course and taught at the Dr. Rodney Lafon Performing Arts Center. Through the course students have the opportunity to earn an Adobe Industry Based Certification.

PREREQUISITE: Interactive Media I      Grade level: 11-12                                      Credit: 2                                      Fee: (None)

**NCCER Industrial Scaffolding, Insulation, and Coating I:** This course is designed to introduce students to the scaffolding, insulating, and industrial coatings industry. The first part of the course focuses on stationary, mobile and suspension scaffolds, as well as the tools and equipment used in this industry. Students also learn best practice for safety on the job site and any mathematical applications that will be used on the job. The focus of the course then transitions to industrial insulating including the characteristics, applications and installation of all types of pipe insulation. The course content is organized into modules with written and performance assessments designed by NCCER (National Center for Construction Education and Research), and students will be required to successfully complete seven modules toward NCCER Scaffolding Level 1 certification and seven modules toward NCCER Insulating Level 1. This course is offered at the Satellite Center and is a 90 minute one semester class.

PREREQUISITE: NCCER Core.                                      Grade level: 12                                      Credit: 1                                      Fee: (None)

**NCCER Instrumentation I:** This is the first of two courses designed to introduce students to becoming an Instrumentation Technician. 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). This course is offered at the Satellite Center and students will be required to successfully complete six modules toward NCCER

Instrumentation Level 1 certification. This course is a Dual Enrollment course with the River Parishes Community College, Reserve Campus - INST 1110 for three (3) college credits and is offered at the Satellite Center.

PREREQUISITE: General Technology Core credential                      Grade level: 11-12                      Credit: 1.5                      Fee (None)

***\*If student enrollment exceeds class size, a public lottery will take place to select students. Student(s) will be offered an opportunity to take other Satellite Center courses if they do not make the lottery.***

**NCCER Instrumentation II:** This second course is designed to continue to prepare students for careers in the field of instrumentation. Students will learn important processes and knowledge areas including instrument drawings and documents, gaskets, and packing, lubricant, sealants and cleaners, flow, pressure, level and temperature, tubing, piping and hoses. The course content is organized into modules with written and performance assessments designed by NCCER (National Center for Construction Education and Research). Students will be required to successfully complete the remaining seven modules and earn NCCER Instrumentation Level 1 certification. This course is a Dual Enrollment course with the River Parishes Community College, Reserve Campus - INST 1120 for three (3) college credits and is offered at the Satellite Center.

PREREQUISITE: NCCER Instrumentation I                      Grade level: 11-12                      Credit 1.5                      Fee (None)

**PATIENT CARE I & II:** This is the first of two courses designed to introduce students to patient assessment and care. This course integrates anatomy and physiology, diseases and medical terminology of the body systems. Topics such as microbiology and infection control as related to overall patient health are included. Work based learning strategies appropriate for this course may include job shadowing and/or field trips. Oral and written skills are reinforced in this course through projects 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. This course is a Dual Enrollment course with the River Parishes Community College, Reserve Campus - BOTH 1300 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.

PREREQUISITE: None                      Grade level: 11-12                      Credit: 1 & 1                      Fee: Must have Teacher Approved Scrub Pants and White Jacket, as well as Closed Toe Shoes

***\*If student enrollment exceeds class size, a public lottery will take place to select students. Student(s) will be offered an opportunity to take other Satellite Center courses if they do not make the lottery.***

**PATIENT CARE III & IV:** This is the second of two courses designed to provide general entry-level skills and application of the concepts learned in Patient Care I & II. Introduction will be given to pharmacology, while medical terminology is reinforced throughout the course. 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. Cardiovascular monitoring, nutrition, body mechanics, and death and dying are covered as well. Work –based learning strategies appropriate for this course may include job shadowing/searching, field trips, and/internships. Critical thinking skills are reinforced by oral and written communication skills. Students learn to work in teams and how to take a collaborative approach to patient care. 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 Emergency Medical Responder (EMR).

PREREQUISITE: Patient Care I & II                      Grade level: 11-12                      Credit: 1 & 1                      Fee: See Patient Care I

**PROCESS TECHNOLOGY (PTEC) I:** 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. Partnerships with local industries provide guest instructors, field experiences, and industry approved equipment and software. This course is a Dual Enrollment course with the River Parishes Community College, Reserve Campus - PTEC 1010 for three (3) college credits. This course is offered at the Satellite Center.

PREREQUISITE: None                      Grade level: 11-12                      Credit: 1                      Fee: Steel Toe Shoes/Boots

***\*If student enrollment exceeds class size, a public lottery will take place to select students. Student(s) will be offered an opportunity to take other Satellite Center courses if they do not make the lottery.***

**PROCESS TECHNOLOGY (PTEC) II:** 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 the River Parishes Community College, Reserve Campus - PTEC 2030 for three (3) college credits. This course is offered at the Satellite Center.

PREREQUISITE: Process Technology (PTEC) I      Grade level: 11-12      Credit: 1      Fee: See PTEC I

**PROCESS TECHNOLOGY (PTEC) III:** Process Technology III is about “Mechanical Aptitude and Spatial Relations”. This course covers a wide range of topics relating to mechanical and spatial concepts. Mechanical concepts are the ability to learn about mechanical concepts (how things work), includes knowing and understanding mechanical and scientific concepts. Spatial relations are the ability to think about how flat and solid objects can be rotated, put together, turned over, and folded. Partnerships with local industries provide guest instructors, field experiences, and industry approved equipment and software. This course is offered at the Satellite Center. Upon successful completion of PTEC I, II and III, students will complete a Technical Competency Area (TCA) which is recognized as a state approved credential.

PREREQUISITE: Process Technology (PTEC) I&II      Grade level: 11-12      Credit: 1      Fee: See PTEC I

**STAR I (Educators Rising):** The STAR I (Students Teaching And Reaching) course is designed to encourage students to consider careers in education. The curriculum focuses on learning styles and methodologies, the history of education, the governing of schools, and lesson planning and management. Students will also participate in field experiences which include observing classes and working with a mentor teacher. Successful completion will result in college credit at participating universities. Students must complete 25 hours of approved field experience in addition to the instructional time. This course is offered at the Satellite Center. In addition to STAR I, students will take Speech III.

PREREQUISITE: There are no course requirements prior to enrolling in the STAR I course. Students applying to participate in the STAR Program must submit an application packet including parent/guardian approval and three teacher recommendations. Participants will all be interviewed by the STAR Review Panel.      Grade level: 11-12  
Credit: 1      Fee: (None)

***\*If student enrollment exceeds class size, a public lottery will take place to select students. Student(s) will be offered an opportunity to take other Satellite Center courses if they do not make the lottery.***

**STAR II:** The STAR II (Students Teaching And Reaching) course continues the development of teaching skills, emphasizing lesson planning and assessment development with an opportunity for practice teaching. Students participate in an internship at a St. Charles Parish School in their selected area of teaching interest. Students must complete 25 hours of teacher approved field experience in addition to their instructional time. In addition, students are provided the opportunity to earn Dual Enrollment at University of New Orleans (EDUC 1010 - 3 college credits). This course is offered at the Satellite Center. In addition to STAR II, students will take Speech IV.

PREREQUISITE: STAR I      Grade level: 11-12      Credit: 1      Fee: (None)

**SPEECH III (at Satellite Center):** The Speech III course at the Satellite Center is designed to explore how communication affects the STAR classroom experience. Because STAR students will actively prepare to be classroom teachers, it is necessary to also prepare them to be good communicators and good listeners. The course is, therefore, designed to build speaking confidence in these future teachers with an instructional emphasis on the following: the application of group discussion to required STAR I lessons, the comprehension of the major responsibilities of an active listener, and the opportunity to practice different kinds of speaking situations in the educational field.

PREREQUISITE: Concurrent enrollment in STAR Grade level: 11-12      Credit: 1      Fee: (None)

**SPEECH IV (at Satellite Center):** The Speech IV course at the Satellite Center is designed to continue the exploration of how communication affects the STAR classroom experience. Due to the increased opportunity for STAR II to intern in actual



classroom teaching experiences, it is even more important that they practice and improve their communication/listening skills. Therefore, the course is designed to use discussion to arrive at decisions and to share information with mentor teachers, parents, students, and peer student-teachers; to identify ways to improve the ability to analyze and interpret messages; to deliver both prepared lessons and impromptu speeches; and to learn to use speech critiques as a way to build speaker confidence.

PREREQUISITE: Concurrent enrollment in STAR Grade level: 11-12      Credit: 1      Fee: (None)

### **Technical Theatre I:**

The course is an exploration of the duties of stage technicians and their contributions to the total aesthetic affect of a dramatic production. The course will cover the basics of costuming, make-up, and delve into set design and construction, lighting design and technology, sound, properties, etc. Topics covered will include design research and principles; scene shop organization; painting and construction techniques; equipment use and maintenance; principles and application of sound, lighting, and computer technology; the use of special effects; costume and makeup considerations; theatre safety; and the function of technical stage personnel in production work. Technical theatre will incorporate academic study and hands-on application of knowledge and skills designed to introduce students to a practical approach to technical and production aspects. Students learn the skills needed to construct scenery, hang and focus lighting instruments, and implement a sound system. Students are trained in the usage of tools, lumber, and machinery. Students will play active roles in productions/performances in the district.

Student must complete 25 hours of teacher approved work in addition to instructional time. This course is a Satellite Center course and is taught at the Dr. Rodney Lafon Performing Arts Center.

PREREQUISITE: Satellite Center instructor recommendation.      Grade level: 11-12      Credit: 2      Fee: (None)

### **Technical Theatre II:**

Technical Theatre II is a continuation of Technical Theatre I, allowing students to practice and expand the skills and concepts learned in Technical Theatre I. Student must complete 25 hours of teacher approved work in addition to instructional time. This course is a Satellite Center course and is taught at the Dr. Rodney Lafon Performing Arts Center.

PREREQUISITE: Technical Theatre I      Grade level: 11-12      Credit: 2      Fee: (None)