



Satellite Center Course Catalog

This catalog highlights specialized courses available to high school students through the Satellite Center. These courses provide hands-on experience, industry certifications, and opportunities for college credit that prepare students for future careers or postsecondary education.

Advanced TV Broadcasting I (2 credits, double-blocked)

This course prepares students for advanced skills in studio and field television production. Students gain hands-on experience in all phases of production while learning to meet the professional expectations of clients.

Highlights:

- Multi-camera production, video editing, graphics, lighting, and audio
- Team-based and individual projects with real-world clients
- Opportunity to earn **Adobe Premiere Pro and After Effects Certifications**
- Requires **12 hours of teacher-approved work** outside class time



Location: Lafon Performing Arts Center Education Wing



Prerequisite: TV Production I



Grade Level: 11–12

Advanced TV Broadcasting II (2 credits, double-blocked)

A continuation of Advanced Television Broadcasting I, this course deepens technical skills and expands into multiple production formats.

Highlights:

- Short films, documentaries, news/sports coverage, music videos, PSAs, and commercials
- Advanced editing and effects training
- Opportunity to earn **Adobe After Effects Certification** (state-approved IBC)
- Requires **12 hours of teacher-approved work** outside class time



Location: Lafon Performing Arts Center Education Wing



Prerequisite: Advanced TV Broadcasting I



Grade Level: 11–12

AC & Refrigeration I (1 credit, single period)

This course introduces students to the fundamentals of the HVAC industry. Students gain the technical and safety skills needed to begin preparing for careers in this high-demand trade.

Highlights:

- Hands-on training with HVAC and refrigeration systems
- Safety practices, tools, and basic repair techniques
- Introduction to inventory, certification requirements, and industry regulations
- Opportunity to earn the **EPA Section 608 Certification (IBC)**
- Opportunity to earn Dual Enrollment credit through **River Parish Community College (HACR 1150)**



Location: Satellite Center



Prerequisite: NCCER Core



Grade Level: 11–12

Culinary Arts / ProStart I (2 credits, double-blocked)

The first course in the Culinary Arts pathway prepares students for careers in the hospitality and foodservice industries. Students train in both professional cooking and business management practices.

Highlights:

- Kitchen safety, sanitation, and food preparation techniques
- Culinary math, use of commercial kitchen equipment, and organization skills
- Hands-on catering projects, field trips, and guest chef presentations
- School-based enterprises and service learning opportunities
- Required **12 hours of teacher-approved work** beyond class time
- Opportunity to earn **ServSafe Certification or ProStart Certification (IBC)**



Location: Satellite Center



Prerequisite: Nutrition & Food



Grade Level: 11–12

Culinary Arts / ProStart II (2 credits, double-blocked)

This advanced course builds on skills learned in ProStart I, with expanded experiences in culinary and hospitality management.

Highlights:

- Advanced cooking and kitchen operations
- Expanded catering and hospitality projects
- Required **12 hours of teacher-approved work** beyond class time
- Opportunity to earn **ProStart Certification**

 Location: Satellite Center

 Prerequisite: ProStart I

 Grade Level: 11–12

Cybersecurity (PLTW) (2 credits, double-blocked)

This course introduces students to the tools and concepts of cybersecurity while encouraging responsible and ethical computer use. Students learn how to identify and fix vulnerabilities in systems to protect personal, organizational, and national data.

Highlights:

- Explore computer security, privacy protection, and network defense
- Hands-on problem solving with real-world cybersecurity challenges
- Emphasis on ethical computing practices and responsible digital citizenship
- Opportunity to earn **Comp TIA Security+ Certification**

 Location: Satellite Center

 Prerequisite: Computer Science I (Essentials), Operation Spark Level 1, or AP Computer Science

 Grade Level: 10–12

Dance I (1 credit) Single Period

This course provides students with a foundation in dance technique, performance, and appreciation. Students learn fundamental movement principles and develop an understanding of dance within its cultural and historical contexts.

Highlights:

- Dance technique, choreography, and performance skills
- Safe practices and injury-prevention techniques
- Study of dance history, terminology, and literacy
- Counts as **Fine Arts or Physical Education credit**

 Location: Lafon Performing Arts Center Education Wing

 Prerequisite: None

 Grade Level: 9–12

Dance II (1 credit) Single Period

This continuation of Dance I expands students' knowledge, technique, and performance abilities, while offering opportunities to explore dance history in greater depth.

Highlights:

- Advanced choreography, technique, and movement vocabulary
- Study of dance history, artists, and philosophies of performance
- Opportunities for professional-level rehearsal and stage experience
- Counts as **Fine Arts or Physical Education credit**
- **Edgenuity Health Credit can be added**

 Location: Lafon Performing Arts Center Education Wing

 Prerequisite: Dance I

 Grade Level: 9–12

Digital Media I (2 credits, double-blocked)

This course introduces students to careers in digital design, animation, and emerging media. Students use industry-standard tools to create professional-level projects for authentic clients.

Highlights:

- Hands-on projects in digital graphics, animation, and print media
- Client-based work with leadership and team management opportunities
- Public speaking and presentation experiences through critiques and team meetings
- Opportunity to earn **Adobe Illustrator Certification (IBC)**

-  Location: Lafon Performing Arts Center Education Wing
 -  Prerequisite: Digital Graphics, Talented Art, AP Studio Art
 -  Grade Level: 11–12
-

Digital Media II (2 credits, double-blocked)

A continuation of Digital Media I, this course expands student skills in advanced design and animation techniques while developing professional portfolios.

Highlights:

- Advanced animation, campaign design, and media production
- Electronic and print portfolio creation
- Team management and client service experience in a studio environment
- Required **25 hours of teacher-approved work** outside class time

-  Location: Lafon Performing Arts Center Education Wing
-  Grade Level: 11–12

 Prerequisite: Digital Media I

Educators Rising I (2 credits, double-blocked)

This course is for students interested in exploring a future career in education. Students gain foundational knowledge while actively engaging in classrooms and service-learning projects.

Highlights:

- Classroom observations across **Kindergarten–12th grade**, including Special Education
- Hands-on projects and practice teaching opportunities
- Preparation for careers in education through the **Educators Rising curriculum**
- Opportunity to earn **Dual Enrollment credit with Southeastern Louisiana University (EDCI 1010)**

-  Location: Satellite Center
-  Grade Level: 11–12

 Prerequisite: Meet Dual Enrollment Requirements for SLU

Educators Rising II – Teaching Internship (2 credits, double-blocked)

This course provides direct classroom teaching experience under the guidance of a mentor teacher. Students apply skills learned in Educators Rising I while completing a professional internship.

Highlights:

- Assist a mentor teacher with classroom management and instruction
- Work with small groups of students and lead a full lesson
- Complete performance-based assessments to demonstrate teaching skills
- Opportunity to earn **Dual Enrollment credit with Southeastern Louisiana University (EDES 1500)**
- Students earn **Internship credit in addition to Educators Rising II credit**

-  Location: Satellite Center
-  Grade Level: 12

 Prerequisite: Educators Rising I

Emergency Medical Responder (2 credits, double-blocked)

This course prepares students to respond effectively in medical and trauma emergencies, leading to certification as an Emergency Medical Responder (EMR).

Highlights:

- Training in first aid, trauma response, and emergency medical skills
- Skills check-offs to demonstrate competence in real-world scenarios
- Earn **American Heart Association BLS Certification**
- Opportunity to earn the **Emergency Medical Responder (EMR) Certification (IBC)**

-  Location: Satellite Center

 Prerequisite: GPA 1.85+, 16 years of age, Biology I (completed or enrolled), state ID

-  Grade Level: 11–12
-

Engineering Design I & II (4 credits, double-blocked, year-long)

This course introduces students to engineering concepts through hands-on design projects and professional tools. Students gain experience across multiple branches of engineering while applying problem-solving and teamwork skills.

Highlights:

- Exploration of **mechanical systems** and **electrical control systems**
- Hands-on projects using professional software and industrial-quality equipment
- Field experiences with industry professionals
- Reinforcement of written/oral communication through presentations and reports
- Opportunity to earn **Dual Enrollment credit with UNO (PHYS 1063, PHYS 1065, and ENGR 1000)**
- Students also earn **Physics Honors and Principles of Engineering credits**



Location: Satellite Center



Prerequisite: GPA 2.5, Math/Science GPA 2.75, Advanced Math (concurrent/complete), 19 math ACT score



Grade Level: 12

Geographic Information Systems (GIS) (2 credits, double-blocked)

This course introduces students to Geographic Information Systems (GIS), a powerful technology used to collect, manage, and analyze location-based data. Students learn how to use GIS to create maps and uncover patterns that support decision-making in real-world situations.

Highlights:

- Training in geospatial technology and data visualization
- Hands-on practice in organizing and analyzing spatial data
- Projects that reveal real-world applications in business, government, and science
- Opportunity to earn the **ESRI GIS User Certification (IBC)**



Location: Satellite Center



Prerequisite: None



Grade Level: 11–12

Hotel, Restaurant & Tourism (HRT) I & II 2 credits, double-blocked)

This course introduces students to the exciting careers in hospitality, tourism, and event management. Students gain hands-on experiences while building transferable business and customer service skills.

Highlights:

- Training in **event planning, marketing, advertising, and customer service**
- Real-world projects, including Cafe Days, banquets, fundraisers, festivals, and walking tours
- Leadership and teamwork development for careers in hospitality and tourism
- Dual Enrollment with **Delgado Community College (HOST 101 and HOST 103)**
- Students earn a **Career and Technical Certificate from Delgado**
- Required **12 hours of teacher-approved work** beyond class time



Location: Satellite Center



Prerequisite: GPA 2.0 or C+ in English



Grade Level: 11–12

Human Body Systems (PLTW) (2 credits, double-blocked)

In this course, students explore how the systems of the human body work together to support life and health. Examining topics such as identity, communication, movement, protection, and homeostasis through interactive and hands-on learning.

Highlights

- **Design experiments** and investigate body structures and functions
- **Build organs and tissues** on a skeletal manikin
- Analyze real-world medical cases and step into the role of biomedical professionals to solve “medical mysteries.”
- This course also includes the opportunity to earn **American Heart Association BLS Certification.**



Location: Satellite Center



Prerequisite: Principles of Biomedical Science or Biology



Grade Level: 10–12

Instrumentation I (NCCER) (2 credits, double-blocked)

This course introduces students to careers as **Instrumentation Technicians**, who maintain and repair the equipment that controls automation in plants and factories. Students gain technical knowledge and hands-on practice across multiple industries.

Highlights:

- Training in hand and power tools, electrical systems, safety practices, metallurgy, and fasteners
- Organized into **12 NCCER modules** with written and performance assessments
- Opportunity to earn the **NCCER Instrumentation Level I Credential (IBC)**

 Location: Satellite Center

 Prerequisite: NCCER Core

 Grade Level: 11–12

Interactive Media I (2 credits, double-blocked)

This course allows students to explore their creative interests in digital arts and technology through self-directed, project-based learning. After an introduction to multiple areas of media, students design their own projects and career pathway.

Highlights:

- Exploration of digital media, technology, and design fields
- Student-designed projects tailored to personal interests
- Leadership opportunities in team meetings and project management
- Development of a **professional portfolio** for future college or career goals
- Opportunity to earn **Adobe Photoshop Certification**

 Location: Satellite Center

 Prerequisite: Art II+, Talented Art, Digital Graphics, Web Mastering, Drafting, Digital Media, Technical Theatre, Advanced TV Broadcasting, or instructor approval

 Grade Level: 11–12

Interactive Media II (2 credits, double-blocked)

This course provides students with a professional **internship experience** in a business, non-profit, or government setting. The internship is tailored to the student's chosen career cluster or pathway, giving them real-world exposure to workplace expectations and industry practices.

Highlights:

- Gain **on-the-job experience** while developing workplace skills
- Learn about the host organization's **mission, audience, and role in its industry**
- Internship site selected to align with the student's career interests
- Guidance from both a site mentor and the course instructor
- Instructor support in understanding the skills and knowledge needed for entry into specific careers

 Internship site (business, non-profit, or government agency)

 Prerequisite: Internship application & interview, plus one of the following – Interactive Media I, Digital Media, Advanced Television Broadcasting, or Operation Spark

 Grade Level: 12

Introduction to Aviation (2 credits, double-blocked)

This course introduces students to the aviation and aerospace industries, including modern innovations and real-world challenges. Students explore career opportunities across the aviation ecosystem.

Highlights:

- Study of aviation careers and industry issues
- Exploration of aerospace technologies and innovations
- Development of problem-solving ideas for aviation challenges
- Opportunity to earn **FAA Part 107 Drone Certification (IBC)**

 Location: Satellite Center

 Prerequisite: None

 Grade Level: 10-12

Introduction to Logistics & Supply Chain (1 credit, single period)

Students learn how products and information move from suppliers to consumers through logistics and supply chain management. This course combines classroom learning with real-world experiences.

Highlights:

- Hands-on activities to understand supply chain operations
- Guest speakers and field trips to local businesses and industries
- Preparation for the **MSSC Certified Logistics Associate Certification (IBC)**



Location: Satellite Center



Prerequisite: None



Grade Level: 10–12



Industrial Maintenance Mechanic – Millwright (2 credits, double-blocked)

This course prepares students for careers as millwrights, skilled craft workers who install, repair, and maintain heavy equipment used in industries.

Highlights:

- Training in blueprint reading, troubleshooting, and mechanical systems
- Hands-on experience with modern industrial tools and machinery
- Opportunity to earn **NCCER Millwright I Certification (IBC)**



Location: Satellite Center



Prerequisite: NCCER Core



Grade Level: 11–12



Medical Assistant I & II (8 credits, double-blocked, year-long)

This course introduces students to careers as medical assistants through both classroom instruction and clinical experiences. Students develop healthcare knowledge and patient care skills as they prepare for professional certification.

Highlights:

- Study of **medical terminology, anatomy & physiology, and patient assessment**
- Training in **office-based skills and clinical procedures**
- On-campus labs, health screenings, and healthcare facility experiences
- Dual Enrollment through **River Parish Community College (RPCC) 13 hours**

Medical Assistant II - This continuation of Medical Assistant I focuses on advanced skills in patient care and nursing services. Students gain real-world experience while preparing for national certification.

Highlights:

- Training in **phlebotomy, pharmacology**, safety procedures, restorative services, and personal care
- Emphasis on communication, mental health, and residents' rights
- Completion of **40 clinical hours** working directly with patients
- Preparation for the **Certified Clinical Medical Assistant (CCMA) Exam**
- Dual Enrollment through **River Parish Community College (RPCC), 13 Credit Hours, and a CTS in Medical Assisting**



Location: Satellite Center



Prerequisite: Background check, drug screening, up-to-date immunizations, teacher-approved scrub uniform



Grade Level: 12



Patient Care I (2 credits, double-blocked)

Do you enjoy helping others and have an interest in healthcare? Patient Care I allows students to explore the medical field through hands-on learning and real-world experiences. In this course, students learn the skills needed to care for patients in hospitals, clinics, nursing homes, and other healthcare settings.

Students will practice important healthcare skills such as:

- Taking vital signs
- Assisting patients with daily activities
- Infection control and safety procedures
- Communication and teamwork in healthcare
- Basic EKG and phlebotomy concepts
- Proper medical documentation

Through hands-on labs, simulations, and real-life healthcare scenarios, students will build confidence, professionalism, and compassion while preparing for careers in the medical field. This course follows the National Healthcareer Association (NHA) Patient Care Technician/Assistant standards and prepares students to take the Certified Patient Care Technician/Assistant (PCT/A) certification exam. Students also have the opportunity to earn industry-based certifications in AHA CPR/BLS and PCT.

Patient Care I is a great fit for students who are interested in healthcare careers and want to begin building skills for their future.

 Location: Satellite Center

 Prerequisite: None

 Grade Level: 11–12

Process Technology (PTEC) I & II (2 credits, double-blocked)

This program prepares students for careers as process operators in refineries, power plants, and chemical plants.

Highlights:

- **PTEC I – Introduction to Process Technology:** covers operator responsibilities, safety, workplace communication, and industrial equipment
- **PTEC II – Plant Safety, Health, and Environment:** focuses on maintaining safe and sustainable operations
- Guest instructors, field trips, and access to industry-approved equipment
- Dual Enrollment with **River Parish Community College: PTEC 1013 (3 credits,) PTEC 2033 (3 credits) Intro to CPTR (3 credits)**
- Students earn a **Career and Technical Certificate in Process Technology**

 Location: Satellite Center

 Prerequisite: 2.0 GPA and have taken Physical Science or Environmental Science, with an interest in pursuing an Associate's Degree in PTEC

 Grade Level: 11–12

Sculpture & Ceramics (2 credits, double-blocked)

This course introduces students to three-dimensional art through clay and other sculptural media. Students learn traditional and modern techniques while also exploring art history and aesthetics.

Highlights:

- Hand-building methods such as **pinch, slab, and coil techniques**
- Sculptural construction using additive, subtractive, and modeling processes
- Projects that connect to art history, criticism, and aesthetics
- Students receive credit for Art III and Art IV

 Location: Lafon Performing Arts Center- Education Wing

 Prerequisite: None

 Grade Level: 9–12

Studio Piano (1 credit) Single Period

This course develops students' music skills through piano study and practice. Both beginners and experienced players are welcome.

Highlights:

- Learn to **read music and play piano** confidently
- Practice scales, chords, and music literacy fundamentals
- Build technical and performance skills through guided practice

 Location: Lafon Performing Arts Center Education Wing

 Prerequisite: None (may be repeated with principal approval)

 Grade Level: 9–12

Technical Theatre (2 credits, double-blocked)

This course explores the backstage world of theatre production. Students gain hands-on experience with the technical elements that bring live performances to life.

Highlights:

- Training in **lighting, sound, set construction, and backstage crew roles**
- Operate spotlights, consoles, and audio systems
- Safety training, including handling electrics and proper body mechanics
- Portfolio development with production work
- Required **25 hours of teacher-approved work** beyond class time
- Course may be repeated for additional credit



Location: Lafon Performing Arts Center Education Wing



Prerequisite: None



Grade Level: 9–12



Theatre Design & Technology (2 credits)

This course builds advanced skills in stagecraft and theatre design. Students take on leadership and creative roles in bringing performances to life.

Highlights:

- Training in **props, costumes, makeup, and stage management**
- Hands-on experience building scenery and managing productions
- Learn rigging systems, special effects, and backstage coordination
- Portfolio development with technical and design projects
- Required **25 hours of teacher-approved work** beyond class time



Location: Lafon Performing Arts Center Education Wing



Prerequisite: None



Grade Level: 9–12