Denham Springs High School

Course Directory

2025-2026

Mr. Wesley Howard, Principal

1000 North Range Avenue Denham Springs, LA 70726

Visit us at https://www.denhamspringshs.org.

Information for 2025-2026 Scheduling

At the beginning of the school year, the following credits are needed to be classified accordingly:		
Sophomore……5 units	**Junior……11 units**	**Senior……17 units**

Information concerning courses which will be offered to Denham Springs High students for the 2025-2026 school year can be found in this student handbook. Students should be aware that they are scheduling courses for the entire year. All students must attend school for eight (8) class periods unless they are in the CTE internship program.

DSHS ONLINE SCHEDULING 2025-2026

Students will be entering their course requests using the PowerSchool program. Instructions for entering online course requests are as follows:

1. Go to https://lpps.powerschool.com/public/ (Do NOT type in www)
2. Enter your username
3. Enter your password
4. Select Class Registration on the left side of the screen.
5. Follow the online instructions to enroll in courses for each category by subject area. To enter online course requests, click on the yellow pencil and the courses offered for that subject area will appear. In some subject areas, more than one course can be selected in that course area if needed.
6. Students must choose enough courses to attend 8 class periods for both the fall & spring semester. ***WARNING: If 8 credits are not scheduled, the system will give an error message.***
7. Students will also choose at least 4 alternate courses. The system will automatically use alternate courses if a conflict exists in the student's 1st choice of selected courses. ***WARNING: Failure to choose at least 4 alternates will also cause the system to give an error message. Alternate courses should be DIFFERENT courses from the student's 1st choice of courses already selected!***
8. Click "submit" and your schedule request will be displayed for viewing. Alternate courses are listed in alphabetical order. They are not listed in order of preference. Students can make corrections until online registration is closed. Course changes will not be accepted after course registration has been closed. Once the student has completed online registration, print a paper copy of the final course requests entered in PowerSchool. The printed copy must be signed/dated by both the student and the legal guardian and returned to the guidance office.

STUDENTS & PARENTS: It is your responsibility to select appropriate courses to fulfill graduation, TOPS & college entry requirements. Carnegie credit cannot be awarded for the same course twice. A copy of your current transcript has been provided for your review, prior to scheduling courses. (1) Look over the courses you have already taken and the minimum requirements for graduation. (2) Consider whether you are trying to qualify for the TOPS Scholarship (3) After completing the online schedule, print it, both the student and parent should sign & date. Signatures shall represent acknowledgement of the receipt of TOPS and graduation requirements. SCHEDULE CHANGES WILL NOT BE ACCEPTED ONCE ONLINE REGISTRATION HAS BEEN CLOSED.

Failure to select courses by the deadlines listed below will result in a schedule selected by the counselor.

2025-2026 FRESHMEN, SOPHOMORES, JUNIORS & SENIORS

Current 8th, 9th, 10th & 11th Graders

- Eight grade students will return a printed copy of PowerSchool Course Requests signed by student and parent to their current English teacher by: Monday, March 10th.
- Current DSHS students (9th, 10th & 11th) will return a printed copy of PowerSchool Course Requests signed by student and parent to their current 1st hour teacher by**: Monday, March 18th**

Students who are changing from the TOPS University Diploma pathway to the Jump Start TOPS Tech pathway should complete the Jump Start form and return it with their schedule requests.

Online schedule requests will not be accepted without the signed copy of course request!

Questions regarding scheduling should be emailed to the appropriate counselor:

Current 8th Graders: Mrs. Ott amanda.ott@lpsb.org
Current 9th Graders: email Mrs. Ott, Mrs. Lewis or Mrs. Owens
Current 10th Graders: Mrs. Lewis kaila.lewis@lpsb.org
Current 11th Graders: Mrs. Owens tristian.owens@lpsb.org
Secretaries: Mrs. Bobbie bobbie.fontenot@lpsb.org **& Mrs. Marlena** marlena.gremillion@lpsb.org

LOUISIANA HIGH SCHOOL GRADUATION REQUIREMENTS

For students who are completing the Louisiana high school curriculum, the minimum course requirements for graduation shall be the following:

GRADUATING CLASS OF 2022 & BEYOND

TOPS UNIVERSITY CURRICULUM	JUMP START TOPS TECH (CAREER DIPLOMA) CURRICULUM
English (4 units): English I, II, III, IV **Math (4 units): Algebra** I, Geometry, Algebra II, and the remaining units shall come from the following: Advanced Math-Pre-Calculus, Algebra III, AP Computer Science A, Calculus or Probability & Statistics DE. **Science (4 units): Biology**, Chemistry, and 2 units from the following: Physical Science, Physics I, Biology II or AP Biology II or Anatomy, Chemistry II, Environmental Science or AP Environmental Science, or Agriscience II. **Social Studies (4 units):** 1 unit of Civics or AP American Government, 1 unit of US History or AP US History, and 2 units from the following: World History, World Geography or AP Human Geography, AP Psychology, or AP Macroeconomics. **Health: (1/2 unit)** **Physical Education or ROTC: (1 ½ units minimum)** **Foreign Language (2 units):** 2 units in the same foreign language **Arts (1 unit): Media** Arts, Art, Choir, Photography, Band, Theatre, Theatre Design & Technology, Art History DE, AP Studio Art, or Digital Storytelling. **Electives (3 units)** **Total: 24 units**	**English (4 units):** English I, II, English III or Technical Writing, English IV or Business English **Math (4units): Algebra** I, Geometry and 2 units from the following: Business Math, Math Essentials, Financial Math, Algebra II, Advanced Math Precalculus. **Science (2 units): 1** unit of Biology I and one unit from the following: Chemistry I, Environmental Science, Physical Science, Agriscience II. **Social Studies (2 units): 1** unit of US History and 1 unit of Civics. **Health: (1/2 unit)** **PE or ROTC: (1 ½ units minimum)** **Jump Start: 9 units** of courses in the student's selected career pathway. **Total: 23 units** Credentials in the Jump Start Pathway are also required to graduate under the Jump Start Diploma. These are listed in each pathway. Refer to pages 5-8 for pathway options.

To receive the TOPS Scholarship, you must follow the TOPS University curriculum listed above AND meet the following requirements:

OPPORTUNITY AWARD	PERFORMANCE AWARD	HONORS AWARD
2.50 GPA ACT = 20+ Tops Award $ Amount is subject to LA Legislature approval each year	3.25 GPA – Class of 2022 3.25 GPA – Graduates of 2021 and after ACT = 23+ Tops Award $ Amount is subject to LA Legislature approval each year. Student also receives an additional $400/year stipend	3.50 GPA – Class of 2022 3.5 GPA – Graduates of 2021 and after ACT = 27+ Tops Award $ Amount is subject to LA Legislature approval each year. Student also receives an additional $800/year stipend

LOUISIANA HIGH SCHOOL GRADUATION REQUIREMENTS

For students who are completing the Louisiana high school curriculum, the minimum course requirements for graduation shall be the following:

GRADUATING CLASS OF 2028 & BEYOND

TOPS UNIVERSITY CURRICULUM	JUMP START TOPS TECH (CAREER DIPLOMA) CURRICULUM
English (4 units): English I, II, III, IV **Math (4 units):** Algebra I, Geometry, Algebra II, and the remaining units shall come from the following: Advanced Math-Pre-Calculus, Algebra III, AP Computer Science A, Calculus or Probability & Statistics DE. **Science (4 units):** Biology, Chemistry, and 2 units from the following: Physical Science, Physics I, Biology II or AP Biology II or Anatomy, Chemistry II, Environmental Science or AP Environmental Science, or Agriscience II. **Social Studies (4 units):** 1 unit of Civics or AP American Government, 1 unit of US History or AP US History, and 2 units from the following: World History, World Geography or AP Human Geography, AP Psychology, or AP Macroeconomics. **Health: (1/2 unit)** **Physical Education or ROTC: (1 ½ units minimum)** **Foreign Language (2 units):** 2 units in the same foreign language **Arts (1 unit):** Media Arts, Art, Choir, Photography, Band, Theatre, Theatre Design & Technology, Art History DE, AP Studio Art, or Digital Storytelling. **Financial Math (1 unit)** **Electives (2 units)** **Total: 24 units**	**English (4 units):** English I, II, English III or Technical Writing, English IV or Business English **Math (4units):** Algebra I, Geometry, Financial Math and 1 unit from the following: Business Math, Math Essentials, Algebra II, or Advanced Math Precalculus. **Science (2 units):** 1 unit of Biology I and one unit from the following: Chemistry I, Environmental Science, Physical Science, Agriscience II. **Social Studies (2 units):** 1 unit of US History and 1 unit of Civics. **Health: (1/2 unit)** **PE or ROTC: (1 ½ units minimum)** **Jump Start: 9 units** of courses in the student's selected career pathway. **Total: 23 units** Credentials in the Jump Start Pathway are also required to graduate with the Jump Start Diploma. These are listed in each pathway. Refer to pages 5-8 for pathway options.

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DIPLOMA GRADUATION PATHWAY 2.0 – OPTION 1

A combination of Pathway Specific Courses and/or Universal Courses can be used to make up a minimum of 9 Carnegie credits/units needed for graduation. Students should take at least one course listed in bold/underlined to earn their pathway specific credentials.

INTEGRATED PATHWAY	PATHWAY SPECIFIC COURSES	UNIVERSAL COURSES

ARCHITECTURE & CONSTRUCTION (Carpentry/Electrical/Welding)	▪ Ag Leadership ▪ Agriscience II* ▪ Agriscience III ▪ **Auto Technician I – 3 credits** ▪ Auto Technician II – 3 credits ▪ Business Math* ▪ Chemistry* ▪ Digital Media I ▪ Engineering Design & Development (LSU) ▪ Environmental Science* ▪ Geometry* ▪ Intro to Computational Thinking (LSU) ▪ Intro to Engineering Design (LSU) ▪ **NCCER Electrical I** ▪ NCCER Electrical II ▪ **NCCER Welding Technology I** ▪ NCCER Welding Technology II ▪ Physics* ▪ **Union Carpentry II** ▪ Principles of Engineering (LSU) *Must choose at least 1 of the following from the list above: Auto, Carpentry, Electrical or Welding.	▪ Accounting ▪ Agriscience I ▪ Business Computer Apps (BCA) ▪ Law Studies ▪ Career Course (1 Required - no limit; including: Quest, Intro to Health Occ, Ag I) ▪ Union Carpentry I (CDF Qualifying Pre-Apprenticeship) or NCCER Core ▪ CTE Internship ▪ Customer Service ▪ Entrepreneurship I ▪ Entrepreneurship II ▪ First Responder ▪ Spanish 1 & 2 ▪ Intro to Bus Computer Apps ▪ Intro to Health Occupations ▪ Personal Finance ▪ ROTC III & ROTC IV ▪ Speech I ▪ BSS I, II, III, & IV *Courses counting toward an academic requirement cannot count toward the 9 Carnegie credits for a graduation pathway

CREDENTIALS (Required to Graduate)

Must obtain at least one of the following credentials

REGIONAL:	BASIC:	ADVANCED:
❖ Carpenter International Training Fund (CITF) Career Connections: Pre-Apprentice Core Skills	❖ NCCER Carpentry – Level 1 ❖ NCCER Electrical – Level 1 ❖ NCCER Welding – Level 1 Carpenter International Training Fund (CITF) – Level 1 ❖ Louisiana Micro-Enterprise – Statewide ❖ FAA Part 107: Small Unmanned Aircraft Operations	❖ NCCER Carpentry – Level 2 or above ❖ NCCER Electrical – Level 2 or above ❖ NCCER Welding – Level 2 or above ❖ Carpenter International Training Fund (CITF) – Level 2 or above ❖ Autodesk Inventor Certified User

DIPLOMA GRADUATION PATHWAY 2.0 – OPTION 2

A combination of Pathway Specific Courses and/or Universal Courses can be used to make up a minimum of 9 Carnegie credits/units needed for graduation. Students should take at least one course listed in bold/underlined to earn their pathway specific credentials.

INTEGRATED PATHWAY	PATHWAY SPECIFIC COURSES	UNIVERSAL COURSES
	▪ Advanced Band ▪ Applied Music	▪ Accounting ▪ Agriscience I

ARTS, A/V TECHNOLOGY & COMMUNICATION	▪ Art I ▪ Basic/Advanced Film (LSU) ▪ Beginning Band ▪ Beginning Choir ▪ Business Math* ▪ Digital Media I ▪ Digital Story Telling (LSU) ▪ Film & TV (LSU) ▪ Fine Arts Survey ▪ Geometry* ▪ Intermediate Band ▪ Intro to Computational Thinking (LSU) ▪ Keyboarding/Keyboarding App ▪ **Media Arts I** ▪ Percussion Ensemble ▪ Photography ▪ Principles of Marketing I ▪ Publications I (Yearbook) ▪ Publications II (Yearbook) ▪ Remote Controlled Vehicle ▪ Sound Design (LSU) ▪ Speech II ▪ Theatre I ▪ Theatre II ▪ Theatre Design & Tech *Courses counting toward an academic requirement cannot count toward the 9 Carnegie credits for a graduation pathway.	▪ **Business Computer Apps (BCA)** ▪ Law Studies ▪ Career Course (1 Required - no limit; including: Quest, Intro to Health Occ, Ag I) ▪ Union Carpentry I (CDF Qualifying Pre-Apprenticeship) or NCCER Core ▪ CTE Internship ▪ Customer Service ▪ Entrepreneurship I ▪ Entrepreneurship II ▪ First Responder ▪ Spanish 1 & 2 ▪ **Intro to Bus Computer Apps** ▪ Intro to Health Occupations ▪ Personal Finance ▪ ROTC III & ROTC IV ▪ Speech I ▪ BSS I, II, III, & IV *Courses counting toward an academic requirement cannot count toward the 9 Carnegie credits for a graduation pathway

CREDENTIALS (Required to Graduate)

Must obtain at least one of the following credentials

BASIC:	ADVANCED:
Must obtain at least one of the following credentials: ❖ Adobe Certified Professional: After Effects, Animate, Dreamweaver, Flash, Illustrator, InDesign, Photoshop, Premier Pro ❖ FAA Part 107: Small Unmanned Aircraft Operation	Must obtain at least one of the following credentials: ❖ Adobe Certified Professional: Visual Design, Video Design, Web Design ❖ Adobe Certified Expert: Dreamweaver, Illustrator, InDesign, Photoshop, Premier Pro ❖ Autodesk Inventor Certified User

DIPLOMA GRADUATION PATHWAY 2.0 – OPTION 3

A combination of Pathway Specific Courses and/or Universal Courses can be used to make up a minimum of 9 Carnegie credits/units needed for graduation. Students should take at least one course listed in bold/underlined to earn their pathway specific credentials.

REGIONAL PATHWAY	PATHWAY SPECIFIC COURSES	UNIVERSAL COURSES
BUSINESS MANAGEMENT/ HOSPITALITY	▪ Agriscience II* ▪ Agriscience III ▪ Business Math* ▪ **Digital Media I** ▪ Digital Story Telling (LSU) ▪ Introduction to Computational Thinking (LSU) ▪ Keyboarding/Keyboarding App ▪ **Media Arts I** ▪ Medical Terminology ▪ **Principles of Marketing I** ▪ Principles of Marketing II ▪ ProStart I ▪ ProStart II ▪ Publications I (Yearbook) ▪ Publications II (Yearbook) ▪ Speech II *Courses counting toward an academic requirement cannot count toward the 9 Carnegie credits for a graduation pathway.	▪ Accounting ▪ Agriscience I ▪ **Business Computer Apps (BCA)** ▪ Law Studies ▪ Career Course (1 Required - no limit; including: Quest, Intro to Health Occ, Ag I) ▪ Union Carpentry I (CDF Qualifying Pre-Apprenticeship) or NCCER Core ▪ CTE Internship ▪ Customer Service ▪ **Entrepreneurship I** ▪ **Entrepreneurship II** ▪ First Responder ▪ Spanish 1 & 2 ▪ **Intro to Bus Computer Apps** ▪ Intro to Health Occupations ▪ Personal Finance ▪ ROTC III & ROTC IV ▪ Speech I ▪ BSS I, II, III, & IV *Courses counting toward an academic requirement cannot count toward the 9 Carnegie credits for a graduation pathway

CREDENTIALS (Required to Graduate)

Must obtain at least one of the following credentials

REGIONAL:	BASIC:	ADVANCED:
❖ Louisiana Micro-Enterprise (Regional) ❖ Customer Service	❖ Louisiana Micro-Enterprise (Statewide)Business of Retail: Operations & Profit ❖ Adobe Certified Professional: After Effects, Animate, Dreamweaver, Illustrator, InDesign, Photoshop, Premier Pro	❖ Adobe Certified Expert: Dreamweaver, Illustrator, InDesign, Photoshop, Premier Pro

DIPLOMA GRADUATION PATHWAY 2.0 – OPTION 4

A combination of Pathway Specific Courses and/or Universal Courses can be used to make up a minimum of 9 Carnegie credits/units needed for graduation. Students should take at least one course listed in bold/underlined to earn their pathway specific credentials.

REGIONAL PATHWAY	PATHWAY SPECIFIC COURSES	UNIVERSAL COURSES
HEALTH SCIENCES	▪ Anatomy & Physiology* ▪ Biology II* ▪ Business Math* ▪ Chemistry* ▪ Digital Media I ▪ Environmental Science* ▪ Keyboarding/Keyboarding App ▪ **Medical Assistant I** ▪ Medical Terminology ▪ **Patient Care Technician** ▪ Psychology (full year) ▪ Sports Medicine I ▪ Sports Medicine II ▪ Sports Medicine III *Courses counting toward an academic requirement cannot count toward the 9 Carnegie credits for a graduation pathway.	▪ Accounting ▪ Agriscience I ▪ Business Computer Apps (BCA) ▪ Law Studies ▪ Career Course (1 Required - no limit; including: Quest, Intro to Health Occ, Ag I) ▪ Union Carpentry I (CDF Qualifying Pre-Apprenticeship) or NCCER Core ▪ CTE Internship ▪ Customer Service ▪ Entrepreneurship I ▪ Entrepreneurship II ▪ First Responder ▪ Spanish 1 & 2 ▪ Intro to Bus Computer Apps ▪ Intro to Health Occupations ▪ Personal Finance ▪ ROTC III & ROTC IV ▪ Speech I ▪ BSS I, II, III, & IV *Courses counting toward an academic requirement cannot count toward the 9 Carnegie credits for a graduation pathway

CREDENTIALS (Required to Graduate)

Must obtain at least one of the following credentials

BASIC:	**ADVANCED**:
❖ Certified Nurse Aide ❖ Emergency Medical Responder (EMR) ❖ Patient Care Technician/Assistant ❖ Fire Fighter I	❖ Certified Clinical Medical Assistant (CCMA)

General Scheduling Information

In choosing your courses, keep in mind that you need to strive for the following:

- ☐ Courses that will help prepare you for a particular career
- ☐ Courses that will prepare you for college or other advanced training
- ☐ required for graduation and TOPS, if applicable

Read the scheduling information carefully and discuss your schedule with your parents. It is important that you make selections that meet state requirements for graduation and the TOPS scholarship and meet your individual needs and career plans. You are not allowed to change teachers or courses, so you should give serious consideration to your selections.

***Schedule changes will not be made after you put your requests into PowerSchool.

*** School counselors are available for consultation, BUT THE FINAL RESPONSIBILITY FOR MEETING GRADUATION AND TOPS REQUIREMENTS RESTS WITH STUDENTS AND PARENTS.

LOUISIANA COURSE CHOICE PROGRAM

In October 2024, BESE approved major policy changes based on Act 91 of the 2024 Regular Legislative Session. Part of the changes include providing parents with more influence over their child's education. Parents have the right to decide which eligible courses their children take, whether they're offered online, in person, or as a combination of both.

Schools are required to honor parental requests as long as the courses meet the student's educational and career goals and funding is available. Before your student can enroll in a course, you must provide written permission. As a parent, it's important to work with your student and the school to ensure their course choices align with their graduation pathway. If the designated school system staff member determines that a course does not fit your student's academic plan or conflicts with state graduation guidelines, they will not be able to take the course.

Below you will find links to important documents to assist you in this process. **Parents may request a course not currently offered at DSHS using the Course Choice Parent Request Form available in the Guidance Department.**

Course Choice Enrollment Parent Guidance

2025-2026 Course Choice Courses

A Parent's Guide to Course Choice YouTube Video from LDOE

ADVANCED LEVEL COURSE INFORMATION & REQUIREMENTS

DSHS Honors Courses: Denoted by (E) in PowerSchool. Students must have at least a 3.0 cumulative GPA and have earned a grade of B or higher in the subject area for which they are requesting an Honors course. If students wish to take an Honors course, schedule the course at scheduling time.

DSHS Gifted Courses: Denoted by GF in PowerSchool. Students enrolled in English III GF, English IV GF and/or Calculus GF are required to take the AP Exam.

DSHS CLEP Courses: College-Level Examination Program (CLEP) provides standardized exams that prove students' knowledge of a certain subject matter. Students that score a 50 or above on the CLEP exam may be eligible to receive college credit. Students requesting a course in which CLEP is required are **REQUIRED** to take the CLEP exam without exception. *Verifying that college credit will be accepted by a specific university is the student's responsibility.

DSHS AP Courses: Denoted by AP in the course name. Students requesting AP courses must meet the following criteria: Cumulative GPA of 3.0 or higher AND a B or higher in the subject area in which you are scheduling an AP course and attended AP Night in the Spring of 2025. AP Course grades are calculated on a 5-point weighted GPA scale. Students requesting AP courses are required to take the AP exam without exception. **There is a fee associated with each AP Exam, please refer to the AP registration form for the exact amount. Students that score a 3 or above on the AP exam may be eligible to receive college credit.** *Verifying that AP related college credit will be accepted by a specific university is the student's responsibility.

DSHS Dual Enrollment: Denoted by DE in the course name or will be otherwise clearly labeled. DSHS offers dual enrollment

courses through multiple partners including Southeastern Louisiana University (SELU) and Northshore Technical Community College (NTCC). Dual enrollment courses provide students with the opportunity to earn high school credit while simultaneously earning college credit. Grades earned in dual enrollment courses become part of the student's permanent college transcript. Each course has specific eligibility requirements. Please review the requirements in the course directory. *Verifying that college credit will be accepted by a specific university is the student's responsibility.

Course Directory

AGRICULTURE & INDUSTRIAL TECHNOLOGY

Agriscience I: This course provides students with basic knowledge of agriculture and the scientific applications in agriculture. It includes units in animal, soil, and plant science, agricultural mechanics, food science technology and agricultural leadership. Grades: 9-12/Credit: 1 unit

Agriscience II: This course continues the coursework from Agriscience I. **Prerequisite: Agriscience I**. Grades: 10-12/Credit: 1 unit

Agriscience III: This advanced course in Agriscience is based upon local needs in agriculture and the workforce. **Prerequisites: Agriscience I & Agriscience II.** Grades: 11-12/Credit: 1 unit

NCCER Electrical I & II: These courses prepare students for electrical careers through exposure to electrical theory and safety, conduit bending, electrical test equipment, motor theory and application, fasteners and anchors, alternating current theory, and the National Electric Code. Topics include operation of hand and power tools and equipment, safety and first aid, blueprints, basic rigging, and communication skills. Math and science skills are incorporated into class activities. Students work toward industry certification through NCCER. Equipment provided. Electrical I is the pre-requisite to Electrical II. Students who meet Dual Enrollment requirements must dually enroll through NTCC. Grades: 10-12/Credit: 1 unit

NCCER Welding I & II: These courses introduce hand/power tools and construction math related to welding. Topics include welding safety, base metal preparation, weld quality, oxyfuel cutting techniques and practices, basic rigging techniques, employability, and communication skills. Math and science skills are incorporated. Students work toward NCCER industry certification. Equipment is provided. Welding I is the pre-requisite to Welding II. Students who meet Dual Enrollment requirements must dually enroll through NTCC. Grades: 9-12/ Credit: 1 unit

Union Carpentry I: This is an introductory course in the field of woodworking technology. Students will learn the fundamentals of woodworking, the use of wood in industry, and the use of hand and power tools. Lab fee: $25. Grades: 9-12/ Credit: 1 unit

Union Carpentry II: This course continues the study of woodworking and woodworking processes. Modern power and hand tools are used. Lab fee: $25. **Prerequisite: Union Carpentry I**. Grades: 10-12/ Credit: 1 unit

ART

Art I - Drawing: This course is an introductory course in drawing. Students will cover the fundamental skills of drawing techniques and the elements of design. Students will be introduced to a variety of dry drawing mediums and drawing styles. Art history, aesthetics and art criticism will be incorporated throughout the course. Supply fee: $25. Grades: 9-12/Credit: 1 unit

Media Arts I: Focusing on Adobe Suite products and their applications to practical work environments, students will learn to use and apply Adobe Suite. Students will attempt certification in Adobe Illustrator and Adobe Photoshop. Grades: 10-12/Credit: 1 unit

Painting: This course is an introductory course in Painting and 2D design. Students will cover the basics and methods of painting techniques. Students will be introduced to famous painters, multiple art styles and the principles of design. Art history, aesthetics and art criticism will be incorporated throughout the course. Supply fee: $25. **Prerequisite: Art I.** Grades:10-12/Credit: 1 unit

Photography: This course will cover the use of the Digital camera controls, including f/stops, shutter speeds, film speeds and the production of a correct exposure. Skills will include composition, criticism, lighting, and image editing software. Students will also learn the history and invention of photography. Assignments will include creative use of the camera controls including depth of field and action motion, shadows and light, alternative camera angles, portraits, still life, and compositions based on the principles and elements of design. Students must have their own camera. Supply fee: $25. Grades: 10-12/Credit: 1 Unit.

3D Sculpture & Pottery: This course is an introductory course in 3D Sculpture and Ceramics. Students will cover the basics and methods of hand building: pinch, slab, and coil techniques. Students will be introduced to 3D 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. Supply fee: $25. **Prerequisite: Art I.** Grades: 10-12/ Credit: 1 unit.

AP Studio Art*: The AP Art and Design program includes three different courses and portfolio exams: AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing. Your goal is to create a portfolio of college-level work and submit it for evaluation. The subject and media for each portfolio is chosen by the student. Types of artwork include but are not limited to drawing, sculpture, weaving, printmaking, painting, photography, digital photography, collage, fabric design, fashion design, graphic design, etc. **Prerequisite: Students must submit artwork to be reviewed by the AP Studio Art teacher and must have made a B in any art class taken in high school. Instructor approval only.** Grades: 11-12 /Credit: 1 unit

Survey World Art History DE (ART 106): Full year chronological survey of the world art and architecture from the Late Gothic to the present era. **Instructor approval required**. Grade: 10-12/Credit: 1 unit

BUSINESS & COMPUTER TECHNOLOGY

Accounting: Designed to introduce students to basic accounting theory and procedures along with current applications of computer technology in accounting using QuickBooks. Lab fee: $10. Grades 10-12/Credit: 1 unit

Business Computer Applications (BCA): This course introduces basic to advanced principles associated with information processing including computer concepts, word processing, spreadsheet, and database and presentation software applications. **Prerequisite: Intro to BCA.** Grades: 10-12/Credit: 1 unit

AP Computer Science A*: Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and

the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. **Prerequisite**: **AP Computer Science Principles or Algebra II with a B or higher.** Grades 10-12/Credit: 1 unit

AP Computer Science Principles*: AP Computer Science Principles (AP CSP) can help you understand how computing and technology influence the world around you. Learn how to creatively address real-world issues while using the same tools and processes that artists, writers, computer scientists, and engineers use to bring ideas to life. Learn the fundamentals of computing, including problem solving, working with data, understanding the Internet, cybersecurity, and programming. **Prerequisite: Algebra I.** Grades: 10-12/Credit: 1 unit

Entrepreneurship I: This course introduces students to the rewards and risks of owning and operating a business enterprise. Students will be completing a business and marketing plan and will have the opportunity to earn a Customer Service, Regional Micro-Enterprise, and State Micro-Enterprise credential. Grades: 9-12/Credit: 1 unit

Entrepreneurship II: This course builds on the foundations taught in Entrepreneurship I. Students will complete more advanced business and marketing plans as well as earn Customer Service, Regional Micro-Enterprise, and State Micro-Enterprise credentials not earned while in Entrepreneurship I. **Prerequisite: Entrepreneurship I.** Grades: 10-12/Credit: 1 unit

Introduction to Business Computer Applications (IBCA): IBCA teaches Adobe InDesign software. Adobe InDesign is a desktop publishing and page layout designing software application produced by Adobe Incorporated that can be used to create works such as posters, flyers, brochures, magazines, newspapers, presentations, books and eBooks. Adobe InDesign certification test will be given. Grades: 9-12/Credit: 1 unit

Personal Finance: Introduces the topic of personal finance, explores the evolution of the American credit industry, and highlights the importance of both knowledge and behavior when it comes to managing money. Emphasizes the importance of saving and explains the three reasons to save: emergencies, large purchases, and wealth building. Explores the purpose and process of writing a budget and the basics of banking, including balancing and reconciling a checking account to ensure your teen's real-world success by empowering them with Dave Ramsey's proven personal finance principles. THIS COURSE DOES **NOT** MEET THE FINANCIAL LITERACY REQUIREMENT FOR CLASS OF 2028 AND BEYOND. Grades: 9-12/Credit: ½-1 unit.

Principles of Marketing I: This course is a hands-on experience of a retail environment. The focus is working in the school store, The Jacket's Nest. Students will also complete online business marketing simulation. Grades: 9-12/Credit: 1 Unit

Principles of Marketing II: This course is a hands-on experience of a retail environment. The focus is working in the school store, The Jacket's Nest. **Prerequisite: Principles of Marketing I.** Grades: 10-12/Credit: 1 Unit

EFFECTIVE STUDY & INTERNSHIP

AP Seminar*: In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information

from various sources to develop credible and valid evidence-based arguments. AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Grades: 10-12/Credit: 1 unit

AP Research*: AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. **Prerequisite: AP Seminar.** Grades: 11-12/Credit: 1 unit

CTE Internship: This course provides students with part-time employment combined with career and technical classroom education for opportunities to consider careers. Emphasis is placed on career navigation, financial literacy, and workplace and professional behavioral competencies including communication, teamwork, leadership and problem solving. Students are required to accrue a minimum number of work hours as well as complete coursework through their CTE teacher. Proof of employment and submission of paystubs are required for verification throughout the course. Grade 12/Credit: 2 units

Foundations of Education: This course provides an orientation to teaching that includes pedagogical and organizational aspects of public education; history and philosophy of education; and provides insights to support the educational needs of diverse students in their learning environment. Grades: 11-12/Credit: 1 Unit

GUIDED STUDY HALL: (listed as "Reading Elective A" in PowerSchool): This class is designed to develop a strong foundation for academic success by teaching students to create a study process. The curriculum presented gives students that crucial productivity burst by blending a broad variety of instruction regarding habits of highly effective students such as note-taking, problem-solving techniques, reading and re-reading skills, time management, creating a study environment, designing mind maps, developing annotated bibliographies for research, writing collegiate level research papers, and many more. Time is also allocated each week for students to work in a study hall environment. **Students must be registered in three or more AP courses to enroll.** This is a full year course. Grades: 11-12/Credit: 1 unit

Multicultural Education Perspectives: An overview of multicultural education and culturally and linguistically responsive instructional and assessment techniques. Supports teacher candidates as they develop personal frameworks for reflecting on and interacting with children and adolescents of various backgrounds. **Prerequisite: Foundations of Education**. Grades: 11-12/Credit: 1 unit

ENGLISH

English I: This is a course integrating the instruction of language skills, reading and literary skills, and writing communication skills. The literary skills include the introductions to the various genres-short stories, poetry, epic, drama, novels, and non-fiction. Credit: 1 unit

English I Honors: A more in-depth study of the skills in English I. The course provides more challenging assignments in reading, writing, and thinking. Summer reading and blog assignments are required.

English II: Students will read and discuss selections from a variety of genres and write developed, coherent paragraphs and compositions. Credit: 1 unit

English II Honors: Students pursue an accelerated course of English II. Emphasis is on independent reading, writing, and research. Credit: 1 unit

English III: Students will read and discuss all major genres, with an emphasis on American literature. Composition skills focus on the development of the essay and the process and compilation of a research paper. Credit: 1 unit.

English III Honors: Students pursue an accelerated course of English III. Credit: 1 unit

AP English III*: Strengthen the effectiveness of writing through close reading and frequent practice at applying rhetorical strategies, analyzing information from source texts, and writing arguments; become a critical reader of predominantly nonfiction works, including expository, argumentative, analytical, and personal texts from various authors and time periods; learn about the elements that define effective argument and composition through the critical analysis and interpretation of complex texts; understand the interactions among a writer's purpose, audience, subject, and genre and how each of these contributes to effective writing; enhance your own writing skills and understand better each stage of the writing process as you develop expository, analytical, and argumentative compositions. If the student was enrolled in non-honors English I and/or II course, they must have earned an A in both semesters. If the student was enrolled in an Honors English I and/or II course, they must have earned no less than a B in all semesters. Grade: 11/Credit: 1 unit

English IV: The course provides a survey of British as well as world literature selections and training in advanced composition. Students take the College Composition CLEP exam at the end of this course for potential college credit. Credit: 1 unit

AP English IV*: AP English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide meaning for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Writing assignments focus on the critical analysis of literature and include expository, analytical and argumentative essays. Writing to evaluate a literary work involves making and explaining judgments about its artistry and exploring its underlying social and cultural values through analysis, interpretation and argument. Students must have semester grades no lower than a B in all previous English courses. Prerequisite: English III AP or teacher approval. Grade: 12/Credit: 1 unit

Business English: This course teaches students to practice good habits, explore identity, learn life lessons, practice citizenship, learn to live in a community, and become an adult. Included in the course is a study of the book *The Seven Habits of Effective Teens* by Sean Covey and an exploration of survival in both literature and life. **Prerequisite: English I, II, & III/Technical Writing.** Grade: 12/Credit: 1 unit

Bible as Literature: The course will consist of reading, discussion, and written analysis of major literary selections from the Old and New Testaments. The Bible will be studied not as a religious document but as a source of ideas and style reflected in various works of world literature. Grades: 10-12/Credit: ½ unit or 1 unit

Publications I & II: (yearbook staff members) **Instructor Approval Required.** Grades: 11-12/Credit: 1 unit

Speech I: This performance-based course enables students to develop speech skills and enhance self-confidence by presenting a variety of speeches and improving listening skills. Grades: 9-12/Credit: 1 unit

Technical Writing: This course includes the study of and practice in writing for professional/ business settings. Focus is on the types of documents necessary to make decisions and act on the job, such as proposals, reports, instructions, policies and procedures, e-mail messages, letters, and descriptions of products and services. Practice in individual and collaborative processes involved in the creation of ethical and efficient documents. Grade: 11/Credit: 1 Unit

FOREIGN LANGUAGE

Spanish I: This course is a general introduction to the Spanish language and culture with emphasis on correct pronunciation, basic grammar, and culture of Spain and other Spanish-speaking countries is included. Grades: 9-12/Credit: 1 unit

Spanish II: This course continues the coursework of Spanish I and focuses on more advanced grammar construction, vocabulary and idiomatic expressions. Grades: 9-12/Credit: 1 unit

Spanish DE: (in lieu of Spanish II) The first semester of this dual enrollment course is Elementary Spanish I, and the second semester is Elementary Spanish II. Each course is 3 college hours for a total of 6 hours. Elementary Spanish is designed to develop and strengthen oral and written communication, reading, and listening skills. Students will be exposed to the language as a means of communication to develop communicative language ability. **Prerequisite: Spanish I.** Grades: 9-12/Credit: 1 unit

Spanish III Honors: This course continues the coursework of Spanish II and focuses on more advanced grammar construction, vocabulary and idiomatic expressions. **To enroll in this course, students must have an overall GPA of 3.0 and earned an A or B in Spanish I and II.** Students take the Spanish Language: Levels 1 and 2 CLEP exam at the end of the year. Required workbook: $8. Grades: 10-12/Credit: 1 unit

AP Spanish*: Spanish IV is a yearlong course that expands the students' knowledge of the Spanish language through the five Louisiana Foreign Language Standards: Communication, Cultures, Connections, Comparisons, and Communities. Students will

expand their vocabulary on many topics as well as review and fine-tune grammatical concepts and verb tenses that were previously learned in Spanish levels 1-3. Students will improve their literacy of the Spanish language with the use of several short story texts. Students will also improve on their reading and writing skills weekly. Students are expected to communicate in Spanish as much as possible. End of course assessment is the AP Spanish Language and Culture exam. **Prerequisite: Spanish III.**

HEALTH OCCUPATIONS

Introduction to Health Occupations: This course is designed to determine the health care career most suited to the student's goal by learning the specifics of each role and the factors that affect professional performance. Education and responsibilities of various health careers will be explored, along with basic concepts common to all health careers. These concepts include medical terminology, safety and accident prevention, professionalism, legal aspects, computers in health care, and an intro to anatomy and physiology. Grades: 9-12/Credit: 1 unit

First Responder: This course is designed to improve the quality of emergency medical care rendered to victims of accidents and illness. Students cannot miss more than 10 class periods (excused or unexcused) to receive certification. Lab fee: $15. Students who meet Dual Enrollment requirements must dually enroll through NTCC. Grades: 11-12/Credit: 1 unit

Medical Terminology: Medical Terminology is designed to develop a working knowledge of the language of medicine used by healthcare practitioners. Students acquire word-building skills by learning the structure of medical terms, including prefixes, suffixes, word roots, abbreviations and acronyms. This course allows students to achieve comprehension of medical vocabulary appropriate to human anatomy and physiology, medical procedures, diagnostic services, and basic pharmacology. This course is intended for students interested in pursuing a career in a healthcare-related profession. Medical Terminology is a prerequisite for Patient Care Technician (PCT) and Medical Assistant I (MA). 0-12/Credit: 1 unit

Medical Assistant I: The Medical Assistant course is designed to prepare students for employment in doctor's offices, outpatient and urgent care clinics, and other healthcare settings. Students will acquire administrative and clinical skills needed to care for patients by learning basic anatomy and physiology, communication and professionalism skills, medical office administrative skills, basic insurance terminology, medical billing and coding processes, clinical lab skills, pharmacology, medication administration, EKG, and phlebotomy skills. After successfully completing MA course objectives, students will be eligible to take the nationally recognized NHA Certified Clinical Medical Assistant (CCMA) exam to earn certification. Students who meet Dual Enrollment requirements must dually enroll through NTCC. **Prerequisites: Medical Terminology and Patient Care Technician.** Grade: 12/ Credit: 2 units

Patient Care Technician: This course is a career pathway program that enables students to explore a career in the healthcare industry while possibly earning a patient care technician certification, as well as providing a foundation of health care knowledge. After successfully completing the PCT course objectives, students will be eligible to take the nationally recognized NHA Certified Patient Care Technician (CPCT) exam in order to earn the certification. Students who meet Dual Enrollment requirements must dually enroll through NTCC. **Prerequisite: Medical Terminology.** Grades: 11-12/Credit: 1 unit

Sports Medicine I: The course is for students who have a special interest in athletics, and/or who may be interested in pursuing a

career in sports medicine, physical therapy, or other health related fields. It introduces students to the field of sports medicine, athletic training, and physical therapy. The course covers how to prevent, recognize, treat, and rehabilitate injuries. Grade: 10/Credit: 1 unit

Sports Medicine II: The course builds on the knowledge gained in Sports Medicine I. It focuses on injury rehabilitation and evaluation techniques. **Prerequisite: Sports Medicine I.** Grades: 11-12/Credit: 1 unit

Sports Medicine III: This course expands on the prevention, treatment, and management of injuries related to sports and physical activity covered in Sports Medicine I and II. It also covers strength and conditioning, nutrition, and drug use in sports. **Prerequisites: Sports Medicine I & II.** Grade: 12/Credit: 1 unit

FAMILY AND CONSUMER SCIENCE

Baking & Pastry Arts: Fundamental concepts and techniques in basic baking and pastry production. Weight, volume, and measurement practices, proper sanitation procedures, tool and equipment safety and usage will be covered. Production items will include quick and yeast breads, cookies, pies, cakes, icing, and basic pastries. Lab fee: $20. Grades 10-12/Credit: ½-1 unit

Pro Start I: Students will be trained for career opportunities in the food service/culinary arts industry. Laboratory experiences are included. Lab fee: $15. Students in 11th/12th grade who meet Dual Enrollment requirements must dually enroll through NTCC. Grades: 10-12/Credit: 1 unit

Pro Start II/III: This course addresses more concepts for career opportunities in the food service/culinary arts industry. **Prerequisite: Pro Start I.** Lab fee: $15. Students in 11th/12th grade who meet Dual Enrollment requirements must dually enroll through NTCC. Grades: 11-12/Credit: 1 unit

MATH

Advanced Math Pre-Calculus: This course includes a semester of college level algebra and of college level trigonometry. **Prerequisite: Algebra II**. Grades: 11-12/Credit: 1 unit

Adv Math Pre-Calc DE: This course requires a great deal of independent study and is an expansion and enrichment of topics covered in Advanced Math at an accelerated pace and higher degree of difficulty. Topics include linear, polynomial, rational, exponential, and logarithmic functions, systems of equations, the laws of sine and cosine, the trigonometric functions, graphs, inverse functions, identities and equations, as well as complex numbers, graphs of parametric equations, and graphs in polar coordinates. Students are dually enrolled in SELU's MATH 161-College Algebra (3 college hours) for fall semester & Math 162-Trigonometry (3 college hours) for spring semester. Class fee: $15. **Prerequisites: Algebra II or Algebra II Honors with no less than a B and instructor approval.** Grades: 11-12/Credit: 1 unit

Advanced Math Pre-Calculus Honors: This course is intended for students preparing for AP Calculus in their senior year and includes a semester of college level algebra and college level trigonometry on an honors level. Students take the College Algebra

CLEP exam at the end of this course. **Prerequisite: Algebra II.** Grades: 11-12/Credit: 1 unit

Algebra I: This course includes understanding the use of the language of algebra, solving linear equations and inequalities, problem solving with equations, graphing linear equations, and understanding the integration of algebra within mathematics. Grades: 9-12/ Credit: 1 unit

Algebra II: This course will continue the coursework of Algebra I topics, with a more advanced study of quadratic, exponential, and logarithmic functions. Problem solving is emphasized. Students who have exhibited a higher level of ability and motivation may take this course concurrently with Geometry. **Prerequisite: Algebra I.** Grades: 10-12/Credit: 1 unit

Algebra II Honors: This course expands the topics of Algebra II, with material covered at an accelerated pace and with a higher degree of difficulty. It is recommended for students who have demonstrated a high level of ability in math courses, and who are interested in taking more advanced courses. **Prerequisite: Algebra I.** Grades: 10-12/Credit: 1 unit

Algebra III: Students will solidify topics learned in Algebra II, while focusing on work with many types of functions such as polynomial, rational, radical, exponential, and logarithmic. Modeling real-life problems and fitting data to those models will be an integral component of this course. This course gives students the work needed in preparation for College Algebra. **Prerequisites: Algebra I, Geometry, and Algebra II.** Grades: 11-12/Credit: 1 Unit

AP Calculus*: Learn problem solving methods that apply across real-world problems involving theorems, definitions, and functions represented in different ways; use technology to explore, experiment, interpret results, and support your conclusions; explore the key concepts, methods, and applications of single-variable calculus including functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus; become familiar with concepts, results, and problems expressed in multiple ways including graphically, numerically, analytically, and verbally; use technology to help solve problems, experiment, interpret results, and support your conclusions. **Prerequisites: Advanced Math Pre-Calculus with no less than a B in both semesters.** Grade: 12/Credit: 1 unit

Business Math: This course introduces students to the mathematical concepts and applications necessary for successful business careers. Topics will include finance charges, cash discounts, commissions, payroll, tax deductions, depreciation, book value, compound interest, net present value, annuities, statistics, and graphs. **Prerequisites: Algebra I and Geometry.** Grade: 12/Credit: 1 unit

Financial Math: This course focuses on mathematical concepts and applications needed for the design and management of personal and business finances. This course extends students' knowledge of whole numbers, fractions, decimals, and percentages, as well as basic statistics and probability, algebra, geometry, and data analysis in the context of relevant real-life problem-solving situations. Grades: 10-12/Credit: 1 unit

Geometry: Topics covered are the basic elements of geometry, including points, lines, planes, basic definitions, proofs, axioms, postulates, and theorems. Students will work with congruency, triangles, circles, polygons, and trigonometry. **Prerequisite: Algebra I.** Grades: 10-12/Credit: 1 unit

Math Essentials: The course consists of a review of topics from Algebra I as well as the study of ratios and proportions, probability, basic statistics, topics in geometry, linear functions, quadratic functions, and additional applications in mathematics. Grades: 9-12/ Credit: 1 unit

Probability & Statistics DE (CMAT1303): An introduction to descriptive and inferential statistics. Topics include organizing and displaying data; measures of central tendency, position, and dispersion; correlation and linear regression; discrete and continuous probabilities; normal distribution; Student t-distribution; sampling distributions; confidence intervals; and hypothesis testing. **Prerequisite: College Algebra.** (Students will be placed in section based on previous coursework. Students without college algebra credit will take college algebra first semester and statistics second semester.) Grade: 12/Credit: 1 unit

MUSIC

Band (Beginning, Intermediate & Advanced): These courses include fundamental and advanced techniques of playing instruments and are limited to band students. Placement is determined by the band directors. Additional fees for travel, festivals, uniforms, and music are required. Grades: 9-12/Credit: 1 unit

Instrumental Technique: This course is available to students seeking a second elective credit who are already enrolled in one of the band ensembles to qualify. Students will learn advanced techniques and instrumental techniques required on their specific instrument as well as utilize the time for personal practice and musical advancement. **Band Instructor approval required.** Grades: 10-12/Credit: 1 unit

Applied Music (Flags): This course includes the techniques of flag and rifle. Fees required. **Audition and Instructor Approval Required.** Grades: 10-12/Credit: 1 unit

Beginning Choir: This course includes the fundamental and advanced techniques of vocal music. Class fee: $35. Additional fees for travel, festivals, uniforms, and music are also required. Grades: 9-12/Credit: 1 unit

Intermediate Choir: The course continues the curriculum begun in Beginning Chorus. Class fee: $35. Additional fees for travel, festivals, uniforms, and music are also required. Grades: 10-12/Credit: 1 unit

PHYSICAL EDUCATION & ROTC

Basic Weightlifting: An introductory physical education elective course designed to: improve muscular strength; gain knowledge and understanding of weight training theory and practice; develop a personalized weight training program. All capable students welcome. Grade: 10-12/Credit: ½ unit

Health: This course is designed to better the social, intellectual, physical, emotional, and nutritional well-being of the student. It covers substance abuse awareness, stress/time management, first aid, and physical fitness. Grades: 9-12/Credit: 1/2 unit

Physical Education I, II, III, IV: PE includes physical fitness activities such as running, basketball, volleyball, aerobics, etc.

Appropriate uniform dress is a plain grey t-shirt, and plain purple shorts purchased from the DSHS PE Department or bought from a store. No graphics, writing, logos, etc. may be on either the shirt or shorts. All 10th grade students are scheduled into a full year of PE II. Class fee: $25. Grades: 9-12/Credit: 1/2 unit per semester

ROTC I: The first year of ROTC provides students with an introduction to leadership and citizenship, gives exposure to personal growth and responsibility and establishes a foundation of military structure and tradition. Grade: 10-12 /Credit: 1 unit

ROTC II: This year is a continuation of ROTC I along with instruction in General Military Subjects with more structure and tradition than in ROTC I, as well as the introduction of civilian marksmanship training and land navigation training with the map and compass. This year also provides additional learning experiences in personal growth and responsibility, as well as citizenship. Schedule this course if you took ROTC I last year. Grade:10-12/Credit: 1 unit

ROTC III: Students will begin to use their leadership training as they assume positions of increased authority and responsibility. In this year, detailed instruction on personal finances and other preparation for life beyond high school is provided. Credit: 1 unit

ROTC IV: In ROTC IV, students bring together previous learning experiences from the MCJROTC program. Students will conduct formations & inspections, supervise training events with younger students and continue to be challenged academically with requirements for research projects, independent studies and progress reports. Credit: 1 unit

SCIENCE

Biology I: This course presents the facts of biology within a pattern of unifying concepts. Some major areas of instruction are science and society, ecology, evolution, and energy relationships in nature. Grades: 9-12/Credit: 1 unit

Biology Honors: The focus of this course is the structure and function of the cell. Emphasis during the first semester is on the animal kingdom and the human body. Biology Honors is the accelerated course for Biology. Grades: 9-12/Credit: 1 unit

Biology II: Students will develop a working understanding of basic concepts in the biological sciences (including such areas as cells, genetics, biological diversity, form and function in biology and ecological interactions); develop problem solving skills applicable to the biological sciences; gain a broad appreciation of the basic methods and aims of science, and the relationship of biology to other sciences and understand the historical and social context of biological thought and research, and the contributions of biology in social, medical and environmental issues. Students may take the CLEP exam if they choose. Prerequisites: Biology I and Chemistry I. Grades: 11-12/Credit: 1 unit

AP Biology II*: Learn to think like a scientist, and become an independent investigator through student-directed laboratory investigations: pose the questions and determine the variables you want to investigate; design experiments and procedures; determine how best to present conclusions; learn about the core scientific principles, theories, and processes governing living organisms, biological systems, and natural phenomena; understand key science practices to develop explanations and predictions of natural phenomena, which will be tested and refined through laboratory investigations; develop advanced reasoning and inquiry skills as to design experiments, collect and analyze data using mathematics and other methods, and interpret that data to draw

conclusions. **Students must earn no less than a B in both Biology I and Chemistry I.** Lab fee: $15. Grades: 11-12/Credit: 1 unit

Chemistry I: This course emphasizes basic laboratory skills and problem-solving techniques involving the study of fundamental general chemistry concepts. **Prerequisite/Corequisite: Algebra II.** Grades: 10-12/Credit: 1 unit

Chemistry I Honors: If you are considering taking an AP science course in the future, you should begin your path with this course. This course involves a more in-depth discussion of general chemistry concepts. Assignments and tests are designed for the more self-directed and motivated student. Students must have earned As or Bs in ALL previous science courses. **Prerequisite/Corequisite: Algebra II.** **SLU DE option is available to those who qualify. Grades: 10-12/Credit: 1 unit

AP Chemistry II*: Work in groups to think analytically about problems, identify experimental questions, and design experiments to answer those questions; engage in hands-on laboratory investigation to learn chemical concepts through direct experience and observations; learn about the fundamental concepts of chemistry such as structure and states of matter, intermolecular forces, reactions, and how to use chemical calculations to solve problems; develop the ability to think clearly and express ideas with clarity and logic, both orally and in writing. Work with classmates to conduct meaningful laboratory investigations in order to observe chemical reactions and substances, interpret findings, and communicate results. **Prerequisite: Chemistry I (E) or instructor approval. If the student was enrolled in non-honors Chemistry I, they must have earned As for both semesters. If the student was enrolled in Chemistry I (E), they must have earned As and/or Bs for both semesters.** Grades: 11-12/Credit: 1 unit

AP Environmental Science*: AP Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students will receive a hands-on analysis of tissue, water, sediment, soil, and air. Students will gain an understanding of population distributions along with human impacts to the environment. Can be taken concurrently with Chemistry I. **Prerequisites: Biology and Algebra I.** Grades: 10-12/Credit: 1 unit

Environmental Science: This course is designed to inform the student of environmental issues and problems focusing on the physical, biological, chemical, and social impacts of environmental concerns of the planet. Grades: 9-12/Credit: 1 unit

Human Anatomy & Physiology: As demonstrated through tests, lab investigations, assignments and projects, the student will be able to exhibit a fundamental knowledge of the human body, its anatomical structures and their functions; Analyze, evaluate and apply the concepts of body systems to his/her daily lives, to the natural world and to today's society; Use appropriate citation of outside resources to effectively communicate basic anatomical and physiological literacy; practice and give examples of the philosophy and methodology of science. **Prerequisites: Biology I and Chemistry I.** Grade: 11-12/Credit: 1 unit

Physical Science: This course is the study of the principles and concepts applied in both chemistry and physics. Some elementary math skills are used throughout the course. Grades: 9-12/Credit: 1 unit

Physics I: This course emphasizes the study of motion, forces, and energy while providing an opportunity for students to develop problem-solving skills to explain the laws of nature using concepts, mathematics, and graphs. **Prerequisite/Corequisite: Advanced Math.** Grades: 11-12/Credit: 1 unit

SOCIAL STUDIES

AP Human Geography*: (in lieu of World Geography) The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. Students also learn about the methods and tools geographers use in their research and applications. Grades: 9-12/Credit: 1 unit

AP Macroeconomics*: The goal of the AP Macroeconomics course is to give students a thorough understanding of the principles that apply to an economic system. Emphasis will be placed on the study of national income, the financial sector, economic performance measures, and international economics. Additionally, the rigorous workload and pace of the course will help prepare students for college level study. *Open to Juniors who have AP experience.* Grade: 11-12/Credit: 1 unit

AP Psychology*: Explore how psychologists use research methods and critical analysis to explore human behavior; discuss how biological, cognitive, and cultural factors converge to facilitate acquisition, development, and use of language; explore the concepts, theories, perspectives, phenomena and behaviors associated with the subfields and research areas of psychology; analyze the methods psychologists use to study various types of behavior and mental processes and evaluate the validity and significance of their contributions. There are no pre-requisite courses, although advanced writing skills are helpful. Grade: 12/Credit: 1 unit

AP US Government and Politics*: (in lieu of Civics) AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. Grades: 10-12/Credit: 1 unit

AP US History*: This course is a comprehensive look at political, cultural, social, economic, and diplomatic events that shaped our nation from the 14th century through the present. Events are explored through the use and analysis of documents, images, cartoons, quantitative data, and other primary sources. Students develop an understanding of major themes in U.S. history, including American identity, economic and social life, political change and continuity. Students learn to weigh evidence and develop personal interpretations while building a repository of factual knowledge regarding U.S. history. There is a heavy emphasis on developing strong reading and writing skills. A great deal of emphasis is placed on the ability to draw conclusions and use informed reasoning to present arguments clearly and persuasively in essay format. Grade: 11/Credit: 1 unit

Civics: This course studies the rights and responsibilities of citizens focusing on the constitution and our political heritage, the structure of government on the national, state, and local levels, and the political process. Grades: 10-12/Credit: 1 unit

Criminal Justice I: This course is an introduction to Criminal Justice and the Justice System. From the commission of a crime, the court systems, prison life and ultimately the death penalty, students will be exposed to the realities of criminal life and

incarceration. Students in this course will train to be 911 Dispatchers second semester. This will include listening to real 911 calls, learning to properly classify them, and ultimately sending the proper help. Topics include Firefighting, Policing, and Medical Responding. Class fee required. Grades: 10-12/Credit: 1 unit

Criminal Justice II: This course will be an advancement course of Criminal Justice I. Students will delve into the social problems/issues that are plague American society. Students will also learn about advanced policing practices including firearms, handcuffing, police vehicle usage, writing warrants, SWAT tactics/ procedures, and much more! Grades: 11-12/Credit: 1 unit

Law Studies: In this course students will study the following: the legal system, criminal law, juvenile justice, torts (civil lawsuits), and individual rights and liberties. Grade: 10-12/Credit: ½ unit or 1 unit

Psychology: This course provides an in-depth understanding of mental processes such as learning and memory using research practices and analysis of statistical data. Students will take Introductory Psychology CLEP exam. **Prerequisite: Biology I (Not concurrent)** Grades: 10-12/1 unit

Sociology: This course deals with current issues on various subjects such as government, politics, law, medicine, science, and sports. Students use the newspaper and participate in class discussions daily. (Students who take a full year are required to take the CLEP exam at the end of the course. The exam is optional for students enrolled in the ½ credit course). Grades: 10-12/Credit: 1/2 unit or 1 unit

US History: This course examines the forces of change and continuity in America's history since Reconstruction. Emphasis is placed upon students understanding trends in history, their application to the modern world and key historical turning points. Grades: 11-12/Credit: 1 unit

World Geography: This course includes a study of the interrelationship of climate, population, and land use. Grades: 9-12/ Credit: 1 unit

World History: This course examines the accomplishments of man from earliest known civilization to the defeat of Napoleon in 1815 and continues the study of history from the Congress of Vienna in 1815 to present. Grades: 11-12/Credit: 1 unit

THEATRE

Theatre I: This class will focus on performing on stage and will cover skills required for public speaking, improv, scene writing, monologues, and group scenes. During the course, students will study plays as literature and work to stage several productions throughout the year. Class fee: $30. Grades: 9-12/Credit: 1 unit

Theatre II/III: This class will focus on performing on stage and will cover skills required for public speaking, improv, scene writing, monologues, and group scenes. During the course, students will study plays as literature and work to stage several productions throughout the year. Students will also be able to take part in different productions throughout the year. **Prerequisite: Theatre I/II.** Class fee: $30. Grades: 10-12/Credit: 1 unit

Theatre Design & Technology: This class will focus on the technical aspects of theatre. Students will learn how to manage a show

from behind the scenes and will learn skills required for lighting design, set design and construction, sound design, sound recording, costume design, stage makeup and special effects makeup, and visual recording. During the course, students will take on applied projects in each area through working backstage for the Acting class and aiding in other technical opportunities around the schools like assemblies and concerts. Class fee: $30. Grades: 10-12/Credit: 1 unit

Denham Springs High School STEM & Robotics Center

DSHS STEM & Robotics Center opened August 2019. The center offers STEM elective courses in three pathways through a partnership with LSU: Pre-Engineering, Digital Media, and Computing. Introduction to Computational Thinking is required in all pathways.

The STEM and Robotics Center is located at 1129 South Range Avenue (former location of Southside Elementary). Transportation is provided. Students may also provide their own transportation or carpool with a friend but must have a permission form signed by a parent or guardian.

The following courses are offered at the DSHS STEM & Robotics Center for the 2025-2026 school year:

Introduction to Computational Thinking (LSU Partnership): This course introduces students to the basic ideas of computational thinking and its applications to problem solving in STEM fields. Students will use an open source, Web-based programming environment to create code for simple drawings, animations and simulations, through which they learn how to use abstraction, decomposition and pattern recognition to model problems and arrive to an algorithmic solution. Program code is presented with a dual purpose: as the main way to interact with a computer and as a proxy to organize ideas explicitly and communicate them to other people. Grades: 9-12/Credit: 1 unit

DIGITIAL MEDIA PATHWAY

Digital Storytelling (LSU Partnership): This is a project-based learning (PBL) inspired course that utilizes a PBL assessment guide in addition to thoughtful integrated learning. Throughout the course, experimentation and the practice of storytelling through the lenses of multiple mediums allows students to develop narrative reasoning skills, while simultaneously giving them a realm to be creative and challenged. The course was created in response to the demand from "entertainment" industries for individuals skilled in content creation and transfer of thinking. The purpose of this course is to get our students to become creators rather than just consumers. The course focuses on content creation, specifically in the realms of: Visual, Auditory, Videographic, and Interactive Storytelling. The course also focuses on Digital Literacy, and how to become a responsible denizen. At any point throughout the course, students use information and communication technologies to find, evaluate, create, and communicate information, requiring both cognitive and technical skills. Grades: 10-12/Credit: 1 unit

Film and TV (LSU Partnership): This is a project-based learning (PBL) course that will focus on going deeper in the study and application of techniques and history of photography, video, and journalism. Students will have the opportunity to work with

computer programs including Adobe Premiere, Adobe Lightroom, Adobe Photoshop, Adobe Illustrator, and Adobe InDesign and will have the chance to get Adobe certified in Photoshop, InDesign, and Illustrator. Students will use these programs, as well as DSHS STEM and Robotics Center media equipment, to produce visually creative projects such as photo portfolios, silent films, music videos, news packages, and much more. The goal of this class is to prepare and equip students with general media skills, giving them vital experience before going to college or the workforce. This class is a perfect fit for students interested in visual media who are looking to practice and develop their photography and video skills! **Prerequisite: Digital Storytelling.** Grades: 10-12/Credit: 1 unit

Advanced Film and TV (LSU Partnership): This class builds on skills learned in Film and TV I with more complex projects and editing skills being utilized. **Prerequisite: Film & TV.** Grades: 10-12/Credit: 1 unit

(DSTV) Advanced Video Production (not LSU Pathway course): This class includes topics such as digital broadcast media, video production, and brand management. In this project based, creative study hall class students will work on DSTV video projects every day throughout the school year, editing hype videos, highlights, interviews, any video project we have, while also working on social media graphics and planning for future events and coverage. The DSTV class requires students to be willing and able to work outside of the classroom, covering athletics and other events around campus and the community outside of a normal school day. This class will be far more involved and rigorous than digital storytelling or the Film and TV class offered at the STEM Center. **Students are selected for this class or can apply directly to Mr. Lombardi to be approved**. Grades: 10-12/Credit: 1 unit

(DSTV) Advanced Video Production II (not LSU Pathway course): Advanced Video Production second credit.
Grades: 11-12/Credit: 1 unit

Programming for Digital Media (LSU Partnership): Programming for Digital Media introduces a broad array of topics related to digital media through project-oriented programming of graphics, audio, and hardware applications. The motivation for this course is to provide a basic introduction to computer programming using subjects that are relevant or appealing to students who are new to technological fields of study, with little to no prior programming experience. The course is presented in five segments, introducing coding, covering three distinct areas in digital media, plus a final integration project of these areas. There is a strong emphasis on computer programming tasks throughout, and the hands-on exercise of digital media tools in class is required. After an introduction to coding concepts, the first media topic introduces real-time graphics rendering and user interaction. The second introduces sound design. The third introduces basic electronics and physical computing. Finally, communication mechanisms are used allowing the disparate elements of graphics, sound, and hardware to be composed into interactive projects. Grades: 10-12/Credit: 1 unit

Sound Design (LSU Partnership): Sound Design introduces students to a broad range of topics and concepts in electronic and computer music. This course will cover principles of digital audio, sound design, synthesis, Digital Audio Workstations, and sound art composition. Assignments and activities include listening, analysis, discussion, and hands-on recording and composition exercises. Grades: 10-12/Credit: 1 unit

PRE-ENGINEERING PATHWAY

Introduction to Engineering Design (LSU Partnership): This course is designed to introduce the profession, ethics, and diversity of the field of engineering to students. The course allows students to explore the 10 primary concentrations within engineering by listening to guest speaker lectures, working on an interactive project with a team, and presenting the results of their project to the class. The majors are: Biological Engineering, Civil Engineering, Environmental Engineering, Chemical Engineering, Computer Engineering/ Electrical Engineering, Computer Science, Construction Management, Industrial Engineering, Mechanical Engineering, and Petroleum Engineering. Specifically, this course will emphasize that the engineer is a team worker who needs strong skills in technical problem solving, engineering design, ethical decision making, and communicating to diverse audiences. Grades: 10-12/Credit: 1 unit

Robotics (LSU Partnership): This beginning robotics course uses VEX EDR Robotics parts and Robot C software to introduce the student to basic programming as well as problem solving strategies. This course will involve students in the development, building and programming of robots to accomplish various tasks. Students will work in teams to design, build, program and document their progress. Topics may include motor speed, gear ratios, torque, sensors, program loops, project documentation and decision-making. For second semester projects, students are broken into teams of three. Each team has a project manager, a builder, and a programmer. Grades: 10-12/Credit: 1 unit

Advanced Robotics (not LSU pathway course): This intermediate robotics course uses VEX EDR Robotics parts and VEX Code software to continue a student's journey into problem-solving strategies incorporating skills such as decomposition, pattern recognition, algorithmic thinking, and abstraction. Students will use more advanced VEX equipment to design systems necessary to compete in official Vex Robotics Competitions –making use of knowledge gained in their Introduction to Robotics course while deepening this knowledge and learning concepts such as vision processing, advanced gear calculations, 3D design, and team management. No after-school meetings are required for this course. **Prerequisite: Robotics.** Grades: 10-12/Credit: 1 unit

Engineering Design and Development (LSU Partnership): The primary intent of the course is to provide the student with the skills necessary to understand and interpret engineering drawings and working sketches. Also, the student will learn to construct 3D models and engineering drawings using Autodesk Inventor. In addition to working on developing spatial reasoning and technical drawing skills, students will develop technical writing skills and certain soft skills through journal article reflections, work ethic lessons, and oral presentations on various topics throughout the semester. The course will culminate with a 6-8 weeklong final project where students will work in teams to identify a problem, design a unique solution, create a prototype, then test the solution. Students will also take Autodesk (Autodesk Certified User: Inventor) certification exam. Grades: 10-12/Credit: 1 unit

Robotics: Intermediate (Denham Venom) (Not Part of LSU Pathway): Students take robot design and programming to the next level. In this class, students prepare to compete in the FIRST Robotics Competition by learning how to safely use various power tools to create a unique and customized robot chassis, lifts, accumulators, and/or manipulators to meet the current year competition objectives. Students also learn how to work together in sub-teams focused on java programming, fundraising, public speaking and presentations, 3d design, photography, and other skills important to a successful team. Students participating in this class are required to be a member of the FIRST Robotics Competition Team, Denham Venom, pay all team fees, attend after school practices, and regional competitions. **Prerequisite: Permission from Coach Eiland**. Grades: 9-12/Credit: 1 unit

Robotics: Advanced *DENHAM VENOM* (Not Part of LSU Pathway): This class is for students who have already taken Robotics

Intermediate and are interested in being on the Denham Venom robotics team again. Students take robot design and programming to the next level. In this class, students prepare to compete in the FIRST Robotics Competition by learning how to safely use various power tools to create a unique and customized robot chassis, lifts, accumulators, and/or manipulators to meet the current year competition objectives. Students also learn how to work together in sub-teams focused on java programming, fundraising, public speaking and presentations, 3d design, photography, and other skills important to a successful team. Students participating in this class are required to be a member of the FIRST Robotics Competition Team, Denham Venom, pay all team fees, attend after school practices, and regional competitions. **Prerequisite: Permission from Coach Eiland.** Grades: 10-12 / Credit: 1 unit

Remote Controlled Vehicle Technology (Drones) (Not Part of the LSU Pathways): The Advanced Aerial Drone Program will prepare students to take the FAA Part 107 Exam to obtain licensing as a professional Drone Pilot. Students will learn the rules and regulations of the FAA and how to fly drones for commercial use in multiple industries. Students will be learning to use drones to capture video and photographs as well as how to repair and maintain their drones. Must be 16 years old before the end of the school year to qualify. **Prerequisite: Intro to Engineering or Robotics**. Grades: 11-12/Credit: 1 unit

COMPUTING PATHWAY

Cybersecurity (LSU Partnership): This course is designed to foster interest in Information Technology and networking careers. Through hands-on projects, students learn to install and administer operating systems, to have computers communicate with each other and to detect and repair vulnerabilities in systems and networks. This course also covers connections of computing and society, including ethics, security and privacy in on-line communication. Students will take the CompTIA IT Fundamentals certification exam. **Prerequisite: Introduction to Computational Thinking or AP Computer Science Principles.** Grades: 10-12/Credit: 1 unit

Data Manipulation and Analysis (LSU Partnership): This course introduces students to the emerging field of Data Science. Instructional units cover the standard practices for effective data manipulation, analysis and interpretation as well as necessary concepts in the three disciplines involved (mathematics, statistics and computing.) Numerous examples of typical scenarios are provided. The emphasis on this course is on the application of the concepts rather than the theory. In the second semester, students will work in teams on large projects in which they will use programming to analyze large datasets and create models. The students will summarize their findings for each project in a written report and will also present them orally. **Prerequisite: Introduction to Computational Thinking or AP Computer Science Principles.** Grades: 10-12/Credit: 1 unit

UNIVERSITY ADMISSIONS POLICIES

LOUISIANA BOARD OF REGENTS
MINIMUM ADMISSION STANDARDS for FIRST-TIME FRESHMEN

The Board of Regents establishes **minimum** admission standards for regular freshman admission at a Louisiana public university – flagship, statewide, or regional.*

Universities may adopt additional, more specific or rigorous requirements for admission: students should check with the specific institution for additional information.

(1) High School Curriculum	Regents' Core: 19 units (from *Core 4* or *TOPS University* Curriculum) Those courses in the English, Math, Science, Social Studies, Foreign Language, and Arts Categories as defined in the **Core 4** or the **TOPS University Diploma** Curriculum listed in LA Department of Education **Bulletins 741** *(Louisiana Handbook for School Administrators; and Louisiana Handbook for Nonpublic School Administrators)*
	AND
(2) HS GPA	Minimum overall HS GPA — 2.0
	AND
(3) Developmental Courses	Developmental courses needed, per BoR AA Policy 2.18: 0 at Flagship and Statewide universities; ≤1 at Regional universities [Example: ACT English score ≥ 18; ACT Math score ≥ 19; and other measures in AA 2.18]
	AND ONE of the FOLLOWING
(4) HS Core GPA	GPA on the *Core* — 3.0 – Flagship GPA on the *Core* — 2.5 – Statewide GPA on the *Core* — 2.0 – Regional
-or-	***OR***
ACT	ACT Composite — 25 – Flagship ACT Composite — 23 – Statewide ACT Composite — 20 – Regional

* Flagship: LSU.
Statewide: LA Tech, ULL, UNO.
Regional: Grambling, LSUA, LSUS, McNeese, Nicholls, NSU, SLU, SUBR, SUNO, ULM.

Two-Year institutions are open admission for freshmen students; contact the institution for information.

Livingston Parish Literacy & Technology Center

More information is coming soon. Check back for updates.