

# Course Descriptions

## Agricultural Science

### **Agricultural Mechanics I**

**Grades 10-12**

**Prerequisite: Agricultural Science II**

This course provides an introduction to the fundamental principles and practices of agricultural mechanics, focusing on three key areas: small engines, electrical systems, and welding. Students will develop hands-on skills in the maintenance and repair of small engines, including troubleshooting, diagnostics, and basic overhauls. The electrical component covers essential wiring techniques, circuit design, and electrical safety within agricultural settings. Students will also gain practical experience in various welding processes, learning basic welding techniques and safety procedures. Emphasis is placed on applying these skills to real-world agricultural applications. Successful completion of this course prepares students to take the Louisiana Ag Mechanics certification exam.

### **Agricultural Mechanics II**

**Grades 10-12**

**Prerequisite: Agricultural Mechanics I**

A continuation of Agricultural Mechanics I.

### **Agricultural Science I**

**Grades 9-12**

Agricultural Science I is an intro-level course that allows students to apply their knowledge in the different fields of agricultural science. Students will be exposed to concepts and the application of horticulture, animal production, small engines, leadership, wildlife conservation, meat processing, agricultural economics, plant science, animal science and sales and services. This course will prepare the students for real work experiences. Students interested in agricultural and science careers should take this course.

### **Agricultural Science II**

**Grades 9-12**

**Prerequisite: Agricultural Science I**

Agricultural Science II is a mid-level course that allows students to apply their knowledge in the different fields of agricultural science. Students will be exposed to concepts and the application of horticulture, animal production, small engines, leadership, wildlife conservation, meat processing, agricultural economics, plant science, animal science and sales and services. This course will prepare students for real work experiences. Students interested in agricultural and science careers should take this course.

## **Agricultural Science III**

***Grades 9-12***

***Prerequisite: Agricultural Science II***

***Certification opportunity: Agriculture Technician***

Agricultural Science III is an advanced-level course that allows students to apply their knowledge in the different fields of agricultural science. Students will be exposed to concepts and the application of horticulture, animal production, small engines, leadership, wildlife conservation, meat processing, agricultural economics, plant science, animal science and sales and services. This course will prepare students for real work experiences. Students interested in agricultural and science careers should take this course.

## **Business Education**

### **Advanced Fundamentals of HTML, CSS, and Javascript**

#### ***Grades 11-12***

*A continuation of Fundamentals of HTML, CSS, and Javascript*

### **Business Computer Applications**

#### ***Grade 9-12***

#### ***Prerequisite: IBCA***

Business Computer Applications (BCA) is an advanced elective designed to expose students to Microsoft Office Excel. Students will be exposed to basic Excel and practice real skills for real jobs. Students interested in Accounting, Business Management, Finance, Retail, and Entrepreneurship should take this course.

### **Business Law**

#### ***Grade 11-12***

Business law introduces students to the fundamental legal concepts that affect businesses and how they operate. Topics include contracts, consumer protection, real estate and property rights, employment law, and the structures of businesses, as well as a general survey of the legal system and its procedures. The course also provides an introduction to important practical skills, including the basics of negotiation; writing agreements; and reading and interpreting a financial statement.

### **CIW Internet Business Associate**

#### ***Grade 9-12***

#### ***Certification Opportunity: Internet Business Associate***

Internet Business Associate prepares students to work effectively in today's business environment. In this course, students will learn about the tasks involved in various Information Technology (IT) job roles, and explore career opportunities in the IT industry. Students will also learn about Internet connection methods, Internet protocols, the Domain Name System (DNS), cloud computing and mobile devices. Students will study the basic functions of Web browsers, the components of Web addresses and browser use in the business world. Students will learn how browser plug-ins and add-ons can improve your Web-browsing experience, and students will use browsers to download and manage files. Also, other important knowledge includes how databases work as they relate to Web search engines, using search engines to conduct basic and advanced web searches, and understanding privacy and personal information on the Internet. Finally, students will study the fundamental elements of project and program management, and the importance of acquiring these skills for all IT job roles.

## **CIW Site Development Associate**

**Grade 9-12**

**Prerequisites:** *CIW Internet Business Associate, CIW Network Technology Associate*

**Certification Opportunity:** *Site Development Associate*

The CIW Site Development Associate certification program focuses on essential Web page development skills. This certification validates how to develop Web sites using Hypertext Markup Language version 5 (HTML5) and Cascading Style Sheets (CSS), writing code manually, using graphical user interface (GUI) authoring tools, creating images, hyperlinks, tables, forms, video and audio to your Web pages.

In addition to HTML5 and CSS coding, you will be assessed how to use HTML5 and JavaScript Application Programming Interfaces (APIs) to extend the functionality of Web pages, such as geolocation, drag-and-drop, canvas and offline Web applications. Other topics include validating your HTML and CSS code, employing search engine optimization (SEO), using style sheets extensively to format Web page content, and implementing fundamental design concepts. Throughout the course, you will learn how Web sites are developed as managed projects. You will also identify e-commerce solutions and relate Web site development to business goals.

## **Computer Science Principles Advanced Placement**

**Grade 9-12**

**Required:** *course fee; AP exam*

This course offers a comprehensive introduction to computer science, exploring fundamental concepts such as algorithms, data structures, various programming paradigms, and the organization of computer architecture. Students will learn to analyze, trace, and write code; apply techniques for algorithm analysis and creation; simulate data patterns; perform binary and base conversions; and understand the basic components of computer networks and systems.

## **Customer Service and Sales**

**Grade 10-12**

**Certification opportunity:** *National Retail Federation-The Business of Retail*

Customer Service and Sales is a mid-level course designed to develop the necessary skills for success as a customer service provider. The course examines various service situations and develops an attitude of superior customer service which is critical to success in all organizations. This course provides guidelines and best practices for providing excellent customer service that will enable frontline associates and service staff in back-up and support roles to build, maintain, and increase a loyal customer base.

## **Digital Media I**

### **Grade 10-12**

**Certification opportunity: Adobe Certified Professional (ACP), Adobe Visual Design Specialist**

Digital Media I is an introductory course designed to give students an understanding of how to effectively use Adobe Photoshop, Illustrator, and InDesign. Students will be exposed to Adobe Photoshop, Illustrator, and InDesign through project-based learning, learning skills that will prepare them for the ACP certification exam, Digital Media II, and many graphics related jobs. Students who are interested in graphic design, visual arts, and advertising should take this course.

## **Digital Media II**

### **Grade 10-12**

**Prerequisites: Digital Media I, Adobe Certified Professional (ACP) certification(s)**

**Certification opportunity: Adobe Certified Professional (ACP) & Adobe Certified Expert (ACE)  
Self-Directed ONLY**

Digital Media II is an intermediary course designed to put students' graphic design training to work. Students will be exposed to digital design and screen printing that will prepare them for a job in the field of graphic design and/or garment decoration and many other graphics related jobs. Students who are interested in graphic design, visual arts, advertising, and garment decoration should take this course.

## **Digital Media III**

### **Grade 11-12**

**Prerequisite: Digital Media I, Digital Media II, Adobe Certified Professional (ACP), certification(s)**

**Certification opportunity: Adobe Certified Professional (ACP) & Adobe Certified Expert (ACE)  
Self-Directed ONLY**

Digital Media III is an advanced course designed to continue to put students graphic design training to work and teach students the ins and outs of running a graphic design business. Students will be exposed to management practices ranging from leadership to inventory to design to costing and pricing that will prepare them for employment or entrepreneurship. Students who are interested in graphic design, being a well-versed employee, and/or running their own business should take this course.

## **Digital Media IV**

### **Grade 11-12**

**Prerequisites: Digital Media III**

A continuation of Digital Media III.

## **Digital Photograph**

### ***Grade 10-12***

Digital photography is an intermediate course designed to give students a strong foundation in photography principles, camera operations, and digital editing techniques. Students will explore composition, lighting, and visual storytelling while developing technical proficiency in industry-standard software such as Adobe Photoshop and Lightroom.

## **Fundamentals of HTML, CSS, and JavaScript**

### ***Grade 11-12***

Fundamentals of HTML, CSS, and JavaScript is an introductory course designed to introduce students to creating interactive websites. Through the course of the year we will be creating websites and web games with a goal of allowing students to pursue a career in programming. Students who are interested in programming, computers, or creating video games should take this course.

## **Internship**

### ***Grade 12***

#### ***Multiple credits available***

Internship is a two hour elective advanced course designed to provide students with a structured work site for training and experience in a specific career field. Students will be exposed to a work environment off campus that will allow them to observe and participate in their specified career field. Students need reliable transportation to and from the internship site, no excessive absences, and a good discipline record.

## **Introduction to Business Computer Applications (IBCA)**

### ***Grade 9-12***

IBCA is an introductory course designed to prepare students with computer application skills and touch method of operating a computer keyboard. Skills in Microsoft Word and PowerPoint applications and Google Docs and Google Slides are introduced. This is a course designed to teach students how to use the computer as a business and personal tool through the use of Microsoft Office.

## **Jobs for American Graduates (JAG) I, II, III, IV**

### ***Grade 9-12***

#### ***Selection Process***

JAG Specialists deliver an array of counseling, employability skills development, career association, job development, and job placement services that will result in either a quality job leading to a career after graduation or enrollment in a postsecondary education and training program.

**Principles of Business*****Grade 10-12***

Principles of Business is an introductory business course designed to introduce students to the economy they live in, the businesses they will work at, and the work place skills that are needed to be a successful community member and employee. Students will be exposed to an overall view of the global economy and the businesses that work within that economy, the work skills that employers are seeking in their employees, networking, marketing, advertising, and finally a self-assessment with an industry professional. All students are encouraged to take this course.

**Quest for Success*****Grade 9-12***

Advanced career readiness highlights skills students will need for college and career success including but not limited to soft skills, post-secondary options, personal finance, workplace safety, and career research. Students will also earn their OSHA-10 Certification in the first semester of the class.

## English

### **ACT Prep**

#### ***Grade 11-12***

ACT Prep is a mid-level course designed to utilize a variety of resources to identify strengths and weaknesses in preparation for ACT/SAT testing.

### **Business English**

#### ***Grade 11-12***

#### ***Prerequisite: English I, II***

Students will enhance written and verbal communication skills that are essential to success in business organizations and industry. Students are expected to read, comprehend, interpret, and analyze literary and informational texts and to create and publish documents such as reports, essays, letters, commercials, and technical manuals. Students study rhetorical devices and persuasive techniques and apply research skills to identify a successful career path.

### **English I**

#### ***Grade 9***

English I is an introductory course where students read, analyze and respond to literature as a record of life experiences. Students will receive instruction in combining and writing 8-12 sentence expository and persuasive paragraphs as well as 4-5 paragraph essays.

### **English I Gifted**

#### ***Grade 9***

#### **Required: Identified as Gifted by STPSB**

Freshmen identified as gifted will read, comprehend, analyze, and respond to classic and contemporary literature, including fiction, poetry, drama, and nonfiction, in a seminar-oriented class. Using the writing process, students will compose expository, literary analysis, narrative, and research-based writing. In addition to the goal of fostering college readiness through research and critical-thinking skills, students will undertake creative and affective explorations of course content and self-selected interests. Students will present their work in a variety of formats including formal essays and presentations, journals, and creative projects.

### **English I Honors**

#### ***Grade 9***

#### ***Honors: Recommendation***

English I Honors is an introductory course designed to teach students to read, comprehend, analyze, and respond to classic and contemporary literature, including fiction and nonfiction pieces, while adhering to conventions of standard English. Using the writing process, students will compose expository, literary analysis, narrative, and research-based writing. Students will also demonstrate understanding and analytical thought in speaking and listening as tools for

learning and communicating in various settings.

## **English II**

### ***Grade 10***

English II is a mid-level course designed to teach students to read, comprehend, analyze, and respond to literature using proper conventions of standard English. Students will be exposed to expository, literary analysis, narrative, persuasive, and research-based writing that will prepare them for English III.

## **English II Gifted**

### ***Grade 10***

#### **Required: Identified as Gifted by STPSB**

Sophomores identified as gifted will read and analyze nonfiction, short stories, drama, poetry and selected novels of classic and contemporary literature in a seminar-oriented class. Writing will be focused on using the writing process to develop various types of essays, with a focus on rhetorical and literary analysis. In addition to the goal of fostering college readiness through research and critical-thinking skills, students will undertake creative and affective explorations of course content and self-selected interests. Students will present their work in a variety of formats including formal essays and presentations, journals, and creative projects.

## **English II Honors**

### ***Grade 10***

#### ***Honors: Recommendation***

English II Honors is an advanced course designed to teach students to read, comprehend, analyze, and respond to classic and contemporary literature, including fiction and nonfiction pieces while adhering to conventions of standard English. Using the writing process, students will compose expository, literary analysis, narrative, and research-based writing. Students will also demonstrate understanding and analytical thought in speaking and listening as tools for learning and communicating in various settings.

## **English III**

### ***Grade 11***

English III is a mid-level course designed to teach students to analyze classic and contemporary American literature. Students will write for a variety of audiences and purposes with a concentration in persuasive writing and research-based argument writing aligned with MLA standards. The course requires students to develop competence in speaking and listening as tools for learning and communicating. Additionally, students will take a diagnostic ACT English test and follow an individualized study path designed to help them improve their ACT score.

### **English III Advanced Placement**

#### ***Grade 11***

#### ***College credit opportunity***

***Prerequisite: English I, II; Recommendation***

***Required: course fee; AP exam***

AP English Language and Composition is an advanced course aligned to an introductory college-level class in rhetorical analysis and composition. The course engages students in the close reading and critical analysis of primarily nonfiction texts (essays, speeches, etc.) to deepen their understanding of the ways writers use language to hone a convincing argument. This course employs the use of Socratic discussion and reciprocal teaching as a means to stimulate critical thinking. Writing assignments require students to analyze and interpret nonfiction works and to craft argument papers of their own. AP Language is designed to prepare students for the Language and Composition College Board Advanced Placement Exam.

### **English III Advanced Placement-Gifted**

#### ***Grade 11***

#### ***Identification as Gifted by STPSB***

Juniors identified as gifted will analyze classic and contemporary American literature through a seminar-oriented class. In addition to the goal of fostering AP test and college-readiness through research and critical thinking skills, students will undertake creative and affective explorations of course content and self-selected interests. Students will present their work in a variety of formats including formal essays and presentations, informal discussion, journals, and creative projects. Juniors in gifted English are eligible to take the AP and CLEP tests in May.

### **English III Honors**

#### ***Grade 11***

#### ***Honors: Recommendation***

English III Honors is an advanced course designed to teach students to analyze classic and contemporary American literature. Students will take a diagnostic ACT English test and follow an individualized study path designed to help them improve their ACT score. Using the writing process, students will compose literary analysis, narrative, and research-based writing focusing on a variety of audiences and purposes. Students will also demonstrate competence in speaking and listening as tools for learning and communicating.

### **English IV**

#### ***Grade 12***

English IV (on level) is a Mid-Level course. Students will analyze a wide range of British literature from many different periods. Additionally, it is designed with the goal of demonstrating college-ready proficiency in research and writing skills, by having students explore a particular topic or career path. Students will present their research findings in a formal paper in the first semester and will deliver an oral and visual

presentation to a panel of teachers in the second semester.

### **English IV Advanced Placement**

**Grade 12**

***College credit opportunity***

***Prerequisite: English III, recommendation***

***Required: Course fee; AP exam***

AP English IV Literature and Composition is an advanced course which aligns to an introductory college-level literary analysis course and uses college level texts. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. This course employs the use of Socratic discussion as a means to stimulate critical thinking as well as writing assignments that require students to analyze and interpret literary works. AP Literature is designed to prepare students for the Literature and Composition College Board Advanced Placement Exam.

### **English IV Advanced Placement-Gifted**

**Grade 12**

***Required: Identification as Gifted by STPSB***

Seniors identified as gifted will analyze classic and contemporary British literature through a seminar-oriented class. In addition to the goal of fostering AP test and college-readiness through research and critical thinking skills, students will undertake creative and affective explorations of course content and self-selected interests. Students will present their work in a variety of formats including formal essays and presentations, informal discussion, journals, and creative projects. Seniors in gifted English are eligible to take the AP and/or CLEP tests in May.

### **English IV Dual Enrollment**

**Grade 12**

***College credit opportunity***

***Prerequisite: English I, II, III***

***Required: Course fee; meet DE eligibility guidelines***

English IV DE is an advanced level course focusing on composition, literary analysis and argument. The second semester entails critical reading and writing, focusing more intently on argument. Both require two timed essays and several researched essays in MLA format. The course content is determined by the university. Students should be prepared to meet college-level expectations regarding work-ethic.

## **Gifted Independent Research**

### ***Grade 11-12***

#### ***Prerequisites: Gifted IEP in STPSB***

Students will explore their passions and develop advanced research skills. Throughout the course, they will be immersed in the research process from inception to completion of a self-selected project for which they will gather, evaluate, document, and synthesize sources including scholarly articles from academic journals, data and information from credible sites and publications, authentic data through self-designed methods, anecdotal evidence, and other mediums such as interviews. Finally, they will present their findings through various mediums that may include but are not limited to short films, works of art, speeches or performances, fictional or nonfictional creative writing, and video series. This course will enhance and encourage the development of critical and creative thinking skills, self-directed learning, and problem solving as well as prepare students for the rigor of college and career through organizational methods, accountability checks, and seminar discussions.

## **Publications I: Yearbook**

### ***Grade 10-12***

#### ***Recommendation: C average in English***

Publications I is an introductory course which introduces the student to the fundamentals of journalistic procedures as they apply to yearbook production. This course provides hands-on experience, terminology, interviewing, basic layout design and photography techniques, and copy writing utilized in printed publications.

## **Publications II: Yearbook**

### ***Grade 10-12***

#### ***Prerequisite: Publications I***

Publications II is an advanced course which introduces students to money management, sales, theme selection, intricate layout design, and advanced photography techniques, copy writing and feature writing, and other aspects of print production.

## **Publications III: Yearbook**

### ***Grade 11-12***

#### ***Prerequisite: Publications II***

A continuation of Publications II.

## **Publications IV: Yearbook**

### ***Grade 11-12***

#### ***Prerequisite: Publications III***

A continuation of Publications III.

## **Technical Writing**

**Grade: 12**

***Prerequisites: Working towards TOPS Tech Diploma; English I and II, Business English***

Students will enhance writing and editing skills related to the many types of business and technical writing. Students study and develop a variety of documents generated in business and industry such as business manual, emails, reports, presentations, letters, newsletters, flyers, personal memoirs, comic strips, advertisements, public service announcements and business proposals. Students also apply research skills to plan a career path and employment portfolio.

## **English as a Second Language**

### **ESL I, II, III**

#### ***Grade 9-12***

These introductory courses develop proficiency skills in listening, speaking, reading and writing from beginning to advanced levels and expand vocabulary, grammar and reading comprehension through the content areas. Emphasis is placed upon contextual understanding, linking to real-life experiences, interactive communication and personal expression.

### **Reading I, II, III**

#### ***Grade 9-12***

Reading skills from beginning to advanced levels are developed through Rosetta Stone, an internationally acclaimed interactive English learning program. Students will use all four language domains of listening, speaking, reading and writing to attain higher skill levels in reading comprehension as they advance at their own pace using computer assisted language learning CD's with the accompanying student texts and workbooks.

### **Study Skills I, II, III, IV**

#### ***Grade 9-12***

These courses develop language survival skills for daily life and classroom work from beginning to advanced levels and provide a foundation for academic success by sharpening skills in all areas of communication. Students will gain understanding of their learning styles, how to set goals, manage time, use library resources, improve memory, take notes in class, raise scores for both objective and essay tests, strengthen reading and writing skills and use graphic aids.

Grammar practice, higher order thinking exercises and content area readings are also targeted. Students will apply newly acquired study skills to mainstream class assignments by bringing class work into the study skills class to gain additional practice and assistance.

## **Family and Consumer Science**

### **Baking and Pastries**

#### ***Grade 9-12***

Baking and pastries teaches students the fundamentals of food safety, baking principles, mixing and cooking methods, and measurements. Students learn to bake breads, pastries, pies, tarts, cakes, cookies, custards, mousses, and other pastries.

### **Child Development**

#### ***Grade 9-12***

Child Development is an introductory course designed to teach students about the basic information regarding the development of children from the pre-natal stage through adolescence. Topics focus on all areas of growth and development of the infant through school aged children. Emphasis is placed with hands on projects conducted both semesters.

### **Family and Consumer Science**

#### ***Grade 9-12***

FACS is an introductory level course emphasizing the value of teens gaining skills for managing their daily lives. Making decisions, effective communication, clothing care, food preparation techniques, interior design concepts, household safety, budgets, careers and child care guidelines are covered.

### **Food and Nutrition/Advanced Food and Nutrition**

#### ***Grade 10-12***

Food and Nutrition is an introductory course designed for students to explore the relationship of nutrition to health and well-being. Labs are designed to reinforce class lessons and to teach basic cooking skills. Students that are interested in a career in health, nutrition or wellness should take this course.

### **ProStart I**

#### ***Grade 11-12***

***Prerequisites: Food & Nutrition and Advanced Foods***

***Certification opportunity: ServSafe and ProStart***

***Dual enrollment opportunity***

***Required: Meet DE eligibility guidelines***

***Note: All students must take the national certification exam; ServSafe and ProStart***

ProStart 1 is a mid-level course that is part of a of a two- year program that prepares students for careers in the restaurant/food service industry. Topics covered include customer service, food and kitchen safety, foodservice equipment, nutrition, business mathematics, control of foodservice costs and career preparation and development. Advanced food preparation techniques will be taught.

**ProStart II**

**Grade 11-12**

**Prerequisites: ProStart I**

**Certification opportunity**

**Dual Enrollment opportunity**

**Required: Meet DE eligibility guidelines**

**Note: All students will take the national certification exam.**

Prostart II is an advanced course and part of the ProStart program which prepares students for careers in the restaurant/food service industry. Topics covered include career preparation and development, the history and art of foodservice, the lodging industry, marketing and menu development, purchasing and inventory control, standard accounting practices, tourism and communication with customers. It is highly recommended for students to get a job in food service during their time in this course.

## Fine Arts

### **Art I**

#### **Grade 9-12**

**Required: Purchase of basic art supplies based on teacher supply list**

Art I is an introductory course open to all students. Drawing expertise is not required. The student is introduced to the elements and principles of design. Composition and creative thinking are developed through a variety of projects such as drawing, painting, sculpture, print making and ceramics.

### **Art I Talented**

#### **Grade 9-12**

**Required: Special selection process**

Art I is an introductory course that focuses on drawing. We will explore drawing in all its capacities using various media including charcoal, collage, printmaking and inks. Studio work will develop and reinforce student understandings of the elements and principles of art and design. Students will learn how to create, critique, evaluate and appreciate works of art. Students will improve their ability to create via direct observation. Students will explore their own aesthetic views. Art history will be infused throughout the course. Sketchbook work outside of class is expected. Students will have opportunities to enter contests and exhibit their work.

### **Art II**

#### **Grade 9-12**

**Prerequisite: Art I**

**Required: Purchase of basic art supplies based on teacher supply list**

Students review and apply knowledge of the art elements and principles of design. The first semester of Art II further develops technical skills in drawing from observation using a variety of new media and creative approaches to composition, such as: charcoal, watercolor, India Ink, chalk pastel, colored pencil, and printmaking. The second semester of Art II focuses on 3D-Design and Sculpture using found objects, wood, paper, cardboard, Styrofoam, plaster, and ceramics.

### **Art II Talented**

#### **Grade 9-12**

**Prerequisite: Talented Art I**

**Required: Special selection process**

In Art II, we will explore additive and subtractive sculptural techniques such as carving, assemblage, casting and modeling. Studio work will develop and reinforce student understandings of the elements and principles of art and design. Students will learn how to create, critique, evaluated and appreciate works of art. Students will explore their own aesthetic views. Art history will be infused throughout the course. Sketchbook work outside of class is required. Studio time outside of class is expected. Students will have opportunities to

enter contests and exhibit their work. A suggested supply list will be provided.

### **Art III**

**Grade 10-12**

**Prerequisites: Art II**

**Required: Purchase of basic art supplies based on teacher supply list**

This is a painting class. Art III reinforces skills of drawing within the discipline of painting. Students will explore techniques in watercolor, India ink, tempera, acrylic, and oil paint. Art III students will also participate in various local and national art contests.

### **Art III Talented**

**Grade 9-12**

**Prerequisite: Talented Art II**

**Required: Special selection process**

The main focus in Art III, an advanced level course, is drawing and painting in acrylic and ink, with some printmaking or other two-dimensional media such as collage. TAP Visual Art III is designed for the art students who are serious about pursuing art in high school and beyond. Students who elect to take this course should be self-motivated and self-directed as well as cooperative, responsible art students. There is an emphasis on developing creative, conceptual thinking as well as personal expression and observational drawing skills. Students will work in a variety of media including drawing, painting, printmaking, collage and more. Art history will be infused throughout the course. Sketchbook work outside of class is required. Studio time outside of class is expected. Students will have opportunities to enter contests and exhibit their work.

### **Art IV**

**Grade 12**

**Prerequisite: Art I, II, III**

**Required: Participation in Senior Art Show; purchase of art supplies**

This course provides the advanced art student the opportunity for portfolio development. The first semester of Art IV focuses on creating a breadth of work – a variety of content prompts and media. The second semester of Art IV is Senior Project Concentration. Students will create a series based on a concept of their own design to produce a whole body of work.

### ***Art IV Talented***

***Grade 10-12***

***Prerequisite: Talented Art III***

***Required: Special selection process***

Art IV is an advanced level course designed to allow the experienced and serious art student to investigate specific areas of art in depth. TAP Visual Art IV is an academically rigorous class. Students will choose from a variety of art areas from self-directed and designed art experiences. Students who elect to take this course should be self-motivated and self-directed as well as cooperative, responsible art students. This course is especially directed toward those preparing art portfolios for college entrance. Critiques, written analyses, artist statements, out of class assignments and completion of a senior series will be required. Sketchbook work outside of class is required. Studio time outside of class is required. Students will have opportunities to enter contests and exhibit their work. A suggested supply list will be provided.

### **Fine Arts Survey**

***Grade 9-12***

Fine Arts Survey is an introduction to all the arts: art, theater, and music. This course will explore major periods, movements, artists, composers, and performers from Prehistory to the 21st century. It will also increase the students' appreciation for the synthesis of different art forms. Students will learn how the arts have become a global and cross-cultural institution.

***All Band, Applied Music, Chorus and Talented Music classes are performance classes. Band/chorus students will be challenged to achieve mastery and musical expertise. Appropriate musical compositions will be performed. Participation in after school rehearsals and performances are mandated and are factored in the student's grade for the course.***

### **Advanced Band**

***Grade 9-12***

***Required: Band fee***

Advanced band, an advanced level course, emphasizes instrumental technique and ensemble rehearsal skills, music literacy, music history, and performance practice. This is a co-curricular class, meaning students are required to attend rehearsals, participate in contests, festivals, and performances outside of school hours. Supplies needed for this course will be listed in the band handbook or class syllabus.

### **Applied Music**

***Grade 9-12***

***Required: Band fee***

Applied music, an advanced course, emphasizes ensemble rehearsal skills and techniques. This is a co-curricular class, and students are required to attend rehearsals, participate in contests, festivals, and performances outside of school hours.

## **Intermediate Band**

**Grade 9-12**

**Required: Band fee**

Intermediate band emphasizes advanced instrumental technique and ensemble rehearsal skills, music literacy, music history, and performance practice. This is a co-curricular class, meaning students are required to attend rehearsals, participate in contests, festivals, and performances outside of school hours. Supplies needed for this course will be listed in the band handbook or class syllabus.

## **Jazz Ensemble**

**Grade 9-12**

**Required: Audition and fees**

Jazz Ensemble is an advanced course chosen by audition. Members must be willing to commit to community performances and festivals during and outside the school day. Music will include professional, college, and upper level high school big band jazz literature from every jazz era. Rehearsals will concentrate on developing ensemble skills and improvisation. The goals for the ensemble will be to expose our school and community to America's musical art form and enrich the music education of the students at FHS. Auditions will include a prepared piece of music, scales, site reading, and improvisation for those interested in sole chairs. This is a co-curricular class, meaning students are required to attend rehearsals, participate in contests, festivals, and performances outside of school hours. Supplies needed for this course will be listed in the band handbook or class syllabus.

## **Wind Ensemble**

**Grade 9-12**

**Required: Audition and fees**

Wind ensemble is an advanced course emphasizing instrumental technique and ensemble rehearsal skills, music literacy, music history, and performance practice. This is a co-curricular class, meaning students are required to attend rehearsals, participate in contests, festivals, and performances outside of school hours. Supplies needed for this course will be listed in the band handbook or class syllabus.

## **Advanced Chorus**

**Grade 9-12**

**Required: Audition and fees**

Advanced chorus is designed for choir students who have a fundamental understanding of choral technique, can read music and demonstrate the ability to sing in-tune.

## **Piano**

### ***Grades 9-12***

Piano is a beginning class, designed for students with little or no prior piano instruction. Students progress through daily practice and class activities, perform in ensembles and prepare for written, as well as performance exams. Students are required to purchase a book, but do not need to own a piano/keyboard.

## **Small Vocal Ensemble**

### ***Grade 9-12***

#### ***Required: Audition and fees***

Small vocal ensemble is an advanced course designed for male and female choir students, who have achieved choral success at the junior high or high school level, can demonstrate the ability to sight-read music at a competitive level and possess excellent choral technique and control of the vocal instrument.

## **Music I, II, III, IV Talented**

### ***Grade 9-12***

#### ***Required: Special selection process***

Talented music is an accelerated course which focuses on independent and small group study in performance skills, technique, musicianship, ear training, music theory and analysis, composition, improvisation and music history and styles. Talented music is part of the special education program and is only available through audition. Information about the selection process is available through the special education and counseling offices.

## **Theatre I, II, III, IV Talented**

### ***Grade 9-12***

#### ***Required: Special selection process***

Talented theatre, part of the Special Education program, is only available by screening. The course consists of accelerated and independent training in a variety of theatrical areas including performance, design, directing, and history.

## **Theatre I**

### ***Grade 9-12***

Theatre I is a beginning course which covers the principles of stage movement, vocal projection, diction, and pantomime. Students will also become familiar with the history and vocabulary of Theatre, as well as practice techniques for overcoming stage fright and gaining confidence in performance and presentation settings. Through a variety of scenes and monologues, students will also research character development, setting, tone, and text interpretation. Finally, students will create and perform original scripts and monologues.

## **Speech I**

### **Grade 9-12**

Speech I is an introductory course designed to teach students the fundamentals of public speaking as well as how to communicate on a social and professional level. Students will be exposed to writing, practicing, and presenting all types of speeches in front of their classroom audience that will prepare them for advancement to Speech II as well as real-world situations outside the classroom. Students in all career paths should take this course.

## **Speech II**

### **Grade 9-12**

#### ***Prerequisite: Speech I***

Speech II is a mid-level course designed to add to the student's knowledge of public speaking that was gained in Speech I. Students will be exposed to oral interpretation of music/literature, informal and formal debate formats, and all areas of mass communications. Students that are interested in a career in law, politics, or mass communication should take this course.

## **TV Productions I**

### **Grade 10-12**

#### ***Certification opportunity: Adobe Certification using Adobe Premiere Pro CS6***

TV Productions is an introduction to the broadcast media. Students will be exposed to the basic principles of broadcast journalism and is designed to teach student-reporters how to conduct on-camera interviews and produce videos that will be aired on the school-wide morning broadcast. Included will be training requirements for using broadcast equipment and editing with Adobe Premiere Pro CS6. Students will be required to film after-school activities such as sporting events and theater performances.

## **TV Productions II**

### **Grade 10-12**

#### ***Prerequisite: TV Production***

#### ***Certification opportunity: Adobe Certification using Adobe Premiere Pro CS6***

TV productions II is an advanced level course designed to improve upon a student's knowledge of the broadcast medium. Students will be exposed to the daily grind of being on-camera. Anchors are responsible for writing, delivering, and editing the morning news program. Students will use digital media equipment: video cameras, teleprompter, green screen, lighting and editing with Adobe Premiere Pro CS6 to format BTV, Bulldog Television. Students that are interested in a career path in Media should take this course.

## World Languages

### **French I**

#### ***Grade 9-12***

French I is an introductory course that covers basic conversation, listening skills, reading, writing and translating. Cultural awareness activities are also included. The primary goal of French I is to build a foundation of vocabulary and grammar in preparation for level 2. Cultural awareness activities include an overview of France, Paris (its points of interest,) the provinces of France (specific foods, places to visit) and French-speaking areas outside of France (where they are, their attractions, traditions).

### **French II**

#### ***Grade 9-12***

A continuation of French I.

### **French III**

#### ***Grade 10-12***

French III, an advanced level course, deepens the proficiency begun in earlier levels, focusing on complex grammatical concepts in written, oral, and comprehension contexts. Cultural study includes an overview of history, with its connection to literature. Students explore the literary works: Le Petit Prince and Les Misérables. They also learn about 19th century impressionist art, and specific artists' styles and characteristics, with a final project devoted to one artist and a chosen work, which each student endeavors to duplicate.

### **French IV**

#### ***Grade 11-12***

A continuation of French III.

### **French V**

#### ***Grade 11-12***

A continuation of French IV.

### **Spanish I**

#### ***Grade 9-12***

Spanish I is an introductory course designed to teach students the language through writing, speaking, listening and reading. Students will be exposed to the culture of Spanish speaking countries. They learn to communicate in the target language using greetings, present tense verb conjugation and vocabulary. This course teaches basic grammatical concepts and prepares students for Spanish II. The students have the opportunity to learn vocabulary and grammatical structures using ASL gestures, songs and rhymes.

**Spanish II****Grade 9-12**

Spanish II is an intermediate level course designed to incorporate grammatical concepts and vocabulary learned in Spanish I with new vocabulary and verb conjugation. Spanish II students learn past tense, future and conditional tenses, command and subjunctive. The grammar and vocabulary are used to create and tell stories and to speak during communicative activities. Spanish II students continue to learn about the culture of Spanish speaking countries. The students have the opportunity to learn vocabulary and grammatical structures using ASL gestures, songs and rhymes

**Spanish III****Grade 10-12**

Spanish III is an accelerated course designed to give students more opportunities to use the language. Students give presentations in Spanish and tell stories in the target language. There are some new grammatical concepts such as perfect tense verb conjugation and the imperfect subjunctive. The students demonstrate a more sophisticated use of the language in reading, writing and listening activities.

**Spanish IV and V****Grade 11-12*****Required: Teacher recommendation***

Spanish IV/V are accelerated courses designed to encourage speaking, reading, writing and listening skills in the target language. Students must present projects in the target language. The students read, translate and discuss a variety of literary works in Spanish.

## Industrial Arts

### **Basic Technical Drafting**

**Grades 10-12**

#### ***Certification opportunity***

Basic Technical drafting is an introductory course designed to study the technical elements of drafting, which include instruments, lettering, sketching, applied geometry, projections, pictorial representation, dimensioning, sectioning, symbols and auxiliaries. Students will be exposed to AutoCad software that will prepare them for more advanced computer assisted drafting and design. Students that are interested in drafting, architecture, and engineering design should take this course.

### **Advanced Technical Drafting**

**Grade 10-12**

***Prerequisite: Basic Technical Drafting***

#### ***Certification opportunity***

CMAD drafting is a mid-level continuation of Basic Technical Drafting which includes an opportunity to acquire a User Certification in AUTOCAD software. Students that are interested in enhancing their computer aided drafting and design skills in concert with basic drafting and design concepts should take this course.

### **Automotive Tech I Dual Enrollment**

**Grade 11-12**

**2 credits**

***Required: Materials fee***

***Certification opportunity; Dual enrollment opportunity***

***Required: Meet DE eligibility guidelines***

Students are provided specialized instruction and practical shop experience to prepare students with entry level skills in the servicing and maintaining of all types of automobiles. Possible certifications are available: Brakes, Electrical/Electronic Systems, Engine Performance, Suspension/Steering through Northshore Technical Community College — up to 5 college credits can be earned.

### **Automotive Tech II Dual Enrollment**

**Grade 11-12**

**2 credits**

***Prerequisite: Automotive Technician I***

***Certification opportunity; Dual Enrollment opportunity***

***Required: Materials fee; Meet DE eligibility guidelines***

The student will continue to complete course work required for the 4 possible certifications through Northshore Technical Community College — up to 5 college credits can be earned.

## **Carpentry**

**Grade 10-12**

***Certification opportunity; Dual Enrollment opportunity***

***Required: Core Certification; meet DE eligibility guidelines***

Students learn basic carpentry, quantitative, and safety skills essential to entry-level employment. Completing this Helper pathway includes: introduction to carpentry, building materials, fasteners and adhesives, hand and power tools, construction drawings, specifications and layout and wall systems.

## **Welding I**

**Grade 10-12**

***Dual Enrollment opportunity***

***Required: Core Certification; meet DE eligibility guidelines***

This mid-level course provides the skills necessary for a career with basic entry-level welding. The course emphasizes developing the student's skills and understanding the welding field. Students may be CORE and Level 1 certified upon completion of this course, and may accumulate up to 5 college credits.

## **Welding II**

**Grade 10-12**

**2 credits**

***Prerequisite: Welding I***

***Certification opportunity; Dual enrollment opportunity***

***Required: Meet DE eligibility guidelines***

This class is an advanced level course designed to use and reinforce the skills acquired in Welding I. Students may be Level 1 certified upon completion of this course, and may accumulate up to 5 college credits.

## Mathematics

### **Algebra I**

**Grade 9-12**

***Honors: Recommendation***

This introductory course includes understanding the use of the language of algebra and the integration of algebra with other mathematics. It includes working with properties of real numbers, sets and set notation, equations and inequalities, graphing, systems of equations, relations and functions, rational expressions, and quadratic functions.

### **Geometry**

**Grade 9-12**

***Prerequisite: Algebra I***

Geometry is an introductory course designed to expose students to Euclidean Geometry. Students will be exposed to investigations of transformations, and congruence and similarity of plane figures, such as lines, triangles, polygons and circles. Students will be guided on how to prove these concepts through the use of logical arguments. Properties of 3-dimensional figures and conditional probability will also be studied. This course will prepare students for Algebra II.

### **Geometry Honors**

**Grade 9-10**

***Prerequisite: Algebra I***

***Note: May also enroll in Algebra II concurrently with recommendation***

Honors Geometry is a mid-level course designed to deepen and broaden students' understanding of Euclidean Geometry. Students will be exposed to investigations of transformations, and congruence and similarity of plane figures, such as lines, triangles, polygons and circles. Students will be challenged to prove these concepts using logical arguments. Students will also investigate properties of 3-dimensional figures and conditional probability. This course will prepare students for Algebra II.

## **Geometry Gifted**

**Grade 9-10**

**Prerequisite: Algebra I**

**Required: Identification as Gifted by STPSB**

Gifted Geometry is an advanced course designed to deepen and broaden students' understanding of Euclidean Geometry. Students will be exposed to investigations of transformations, and congruence and similarity of plane figures, such as lines, triangles, polygons and circles. Students will be challenged to prove properties of plane figures using logical arguments and extend those properties to 3-dimensional figures. Students will also investigate conditional probability. In addition to the goal of fostering college-readiness through critical thinking, students will be challenged to use creativity, research skills, and affective skills to explore how course content can be used to find solutions to real world problems. Students will present their work in a variety of formats including constructed responses, essays, presentations, informal discussion, and creative projects. This course will prepare students for Algebra II.

## **Algebra II**

**Grade 10-12**

**Prerequisite: Algebra I**

**Honors: Recommendation**

This advanced course includes relations and functions, graphing quadratic, rational, radical, absolute value, exponential, and logarithmic functions with transformations. It also includes solving quadratic equations by factoring, completing the square and using the quadratic formula, conic sections, and exponential and logarithmic functions.

## **Algebra II Gifted**

**Grade (10-11)**

**Prerequisite: Algebra I**

**Required: Identification as Gifted by STPSB**

Algebra II Gifted is an advanced course designed to deepen and broaden students' understanding of functions. Students will be exposed to solving and graphing a wide variety of functions including: linear, quadratic, rational, radical, absolute value, exponential, and logarithmic functions. In addition to the goal of fostering college-readiness through critical thinking, students will be challenged to use creativity, research skills, and affective skills to explore how course content can be used to find solutions to real world problems. Students will present their work in a variety of formats including constructed responses, essays, presentations, informal discussion, and creative projects. This course will prepare students for Pre-Calculus and College Algebra.

### **Algebra III**

**Grade 11-12**

**Prerequisite: Algebra II**

Algebra III is an advanced level course. Students will solidify topics learned in Algebra II, while focusing on work with many type 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 will give students the work needed in preparation for College Algebra.

### **College Algebra Dual Enrollment**

**Grade 11-12**

**Prerequisite: Algebra II**

**Required: Meet DE eligibility requirements, university course fee, MathXL fee**

College Algebra DE is an advanced, college-level course whose requirements are set by the university. It is a study of families of functions and their graphs. Topics include linear, polynomial, rational, exponential and logarithmic functions. Functions will be used to model and solve application-based problems. This class satisfies the requirements for both high school credit in Algebra III and college credit in College Algebra. The course is taught in a traditional manner but all homework, quizzes, and tests are delivered through Math XL. Students will pursue 3 hours of college credit in College Algebra (SLU Math 161). This is a 3-credit hour course, taught for a full year. This is a rigorous, fast-paced course. This is an excellent choice for non-STEM related college majors, nursing, and non-math or science education majors.

### **Pre-Calculus Advanced Placement**

**Grade 11-12**

**Prerequisite: Algebra II**

**Recommended prerequisite: Grade of B or higher in Algebra II-H or Algebra II-G**

**Required: Course fee; AP Examination**

In AP Pre-Calculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. Specific topics include: Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometry and Polar Functions, and Functions involving Parameters, Vectors, and Matrices.

## **Trigonometry Dual Enrollment**

**Grade 11-12**

**Prerequisite: College Algebra Dual Enrollment**

**Required: Meet DE eligibility requirements, university course fee, and MathXL fee**

Trigonometry DE is an advanced, college-level course whose requirements are set by the university. A study of trigonometric functions, topics include the laws of sine and cosine, the trigonometric functions and their graphs, inverse trigonometric functions, trigonometric identities and equations. Trigonometry and trigonometric functions will be used to model and solve real world applications. The course is taught in a traditional manner but all homework, quizzes, and tests are delivered through Math XL. This is a rigorous, fast-paced course designed for students interested in STEM college majors.

## **Pre-Calculus Advanced Placement Gifted**

**Grade 10-11**

**Prerequisite: Algebra II**

**Required: Identification as Gifted by STPSB**

**Recommended prerequisite: Grade of B or higher in Algebra II-H or Algebra II-G**

In AP Pre-Calculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. Specific topics include: Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometry and Polar Functions, and Functions involving Parameters, Vectors, and Matrices.

## **Probability and Statistics Dual Enrollment**

**Grade 12**

**Prerequisite: College Algebra or >28 math ACT and high school GPA  $\geq 2.5$**

**Required: Meet DE eligibility requirements, university fee, and MathXL fee**

Probability & Statistics DE is an advanced, college-level course whose requirements are set by the university. Topics include an introduction to statistical reasoning, graphical display of data, measure of central tendency and variability, sampling theory, the normal curve, standard scores, Student's T, Chi Square, and correlation techniques. This class satisfies the requirements for both high school credit in Probability & Statistics and college credit in Elementary Statistics. The course is taught in a traditional manner but all homework, quizzes, and tests are delivered through Math XL. Students will pursue 3 hours of college credit in Elementary Statistics (SLU Math 241). This is a 3-credit hour course, taught for a full year. This course is an excellent choice for seniors interested in a 4th year of math but not interested in taking calculus.

## **Calculus Advanced Placement AB**

**Grade 11-12**

**Prerequisites: Pre-Calculus**

**Required: Completion of summer review packet, course fee, and Advanced Placement test**

AP Calculus is an advanced course designed to introduce students to differential and integral calculus concepts. Students will be exposed to limits, first and second derivatives, integrals, and the Fundamental Theorem of Calculus, all of which will prepare them for post-secondary mathematics. This course is designed for self-motivated, self-disciplined students who are interested in taking the Advanced Placement Calculus Test to earn college credit for first semester college calculus. The test score necessary to earn college credit is determined by individual colleges/universities. Students who are considering a math or science based major in college should take this course.

## **Calculus Advanced Placement BC**

**Grade 11-12**

**Prerequisites: Calculus Advanced Placement AB**

**Required: Completion of summer review packet, course fee, and Advanced Placement test**

AP Calculus is an

## **Applied Calculus Dual Enrollment**

**Grade 12**

**Prerequisite: College algebra or >28 math ACT and high school GPA  $\geq 2.5$**

**Required: Meet DE eligibility requirements, university fee, and MathXL fee**

Applied Calculus DE is an advanced, college-level course whose requirements are set by the university. It is an introduction to differential and integral calculus. Topics include limits, the derivative, applications of the derivative, antiderivatives, the definite integral and the Fundamental Theorem of Calculus. Polynomial, rational, radical, exponential, and logarithmic functions will be studied. This class satisfies the requirements for both high school and college credit in Applied Calculus. The course is taught in a traditional manner but all homework, quizzes, and tests are delivered through Math XL. Students will pursue 3 hours of college credit in Applied Calculus (SLU Math 163).

## **Financial Literacy**

**Grade 11**

This mid-level course focuses on personal finance. Students will explore important life skills through mathematical applications. Topics address decision making and personal responsibilities such as understanding paychecks and income, budgeting, banking, credit, loans, buying a house, buying a car, insurance, and investments.

**Business Math****Grade 12****1 Credit*****Prerequisite: Algebra I***

This advanced course focuses on math in business situations. Students will explore how businesses function through math applications. Topics include all facets of managing a business such as personnel, production, purchasing, sales, marketing, storage, distribution, services, accounting, and planning.

## Health and Physical Education

### **Physical Education I**

#### ***Grade 9***

This introductory course is designed to provide a broad range of activities. The curriculum consists of flag football, softball, ultimate Frisbee, volleyball, basketball and physical/motor fitness.

### **Physical Education II**

#### ***Grade 10***

#### ***½ credit-paired with health education***

This mid-level course focuses on a variety of lifetime sports activities. The curriculum consists of badminton, field hockey, softball, soccer, speedball, physical fitness, volleyball & basketball.

### **Physical Education III**

#### ***Grade 11-12***

This advanced level course emphasizes lifetime sports, leisure pursuits and the importance of physical fitness.

### **Physical Education IV**

#### ***Grade 12***

This advanced level course will place emphasis on physical conditioning and weightlifting.

### **Health Education**

#### ***Grade 10-12***

#### ***½ credit-paired with PE II***

This introductory course is designed to motivate and assist students to maintain and improve their health, prevent disease and reduce health-related risk behaviors.

### **Conditioning I, II, III**

#### ***Grade 10-12***

#### ***1 Credit***

***Required: Athletes only***

## **Junior Reserve Officer Training Corp (JROTC)**

*Completion of JROTC I and JROTC II satisfies the PE and Health Graduation Requirements.*

### **JROTC I (2 Semester Course)**

#### ***Grade 9-12***

This introductory course is designed to teach cadets leadership skills, military customs and courtesies, health and physical fitness. This course will prepare them to hold positions of leadership within the battalion leading fellow cadets.

### **JROTC II (2 Semester Course)**

#### ***Grade 9-12***

This mid-level course is designed to teach cadet physical fitness lessons, problem solving, wellness, first aid and government. This course will prepare them to hold positions of leadership within the battalion leading fellow cadets.

### **JROTC III (2 Semester Course)**

#### ***Grade 11***

#### ***Certification opportunity***

This advanced level course is designed to access active leadership and leadership application techniques taught in JROTC I and II. Cadets will learn effective communication, physical fitness, military heritage, decision making, time management and financial management. Students will begin exploring their career interests for post high school pursuits.

### **JROTC IV (2 Semester Course)**

#### ***Grade 12***

#### ***Certification opportunity***

This advanced course is designed to give the cadets an understanding of leadership principles by learning and assessing various leadership styles, power bases and influences. Cadets will learn various management and communication skills needed to become an effective leader. Cadets will also learn to conduct a service learning project.

## Science

### **Astronomy**

#### **Grade 10-12**

***Recommended prerequisites: A grade of B or higher in Algebra I and Physical Science***

Astronomy is an introduction to astronomical concepts and scientific practices and includes observational labs. Students should have a decent grasp of high school algebra and physical science to do well in the course. The first half of the course covers Planetary Astronomy including the night sky, constellations and seasons, telescopes and visual astronomy, astrophotography, the Earth, Moon, and Solar System, the history of astronomy, gravity and light, and the laws of orbital mechanics. The second half will cover Astrophysics and Cosmology including stellar formation and evolution, radio and gravity wave astronomy, galaxies, the origins and evolution of the Universe, black holes, and the theory of relativity.

### **Physical Science**

#### **Grade 9**

Physical science is an introductory course consisting of one semester of chemistry and one semester of physics. Students will discover themes of how the physical world works through theoretical and practical laboratory experiences, concentrating on developing scientific skills of observing, inferring, data collecting, and graphing. First semester will cover the topics of using and understanding the mechanics of the Periodic Table of Elements, Ionic and Covalent Bonding, States of Matter, Physical and Chemical changes and Nuclear Chemistry. Second semester will concentrate mostly on physics, focusing on Newton's laws, Potential and Kinetic Energy, Transfer of energy, Sound /Light Waves, Forces and Electricity.

### **Physical Science Honors**

#### **Grade 9**

Physical Science Honors is an introductory course consisting of one semester of chemistry and one semester of physics. Students will be challenged with a deeper level of understanding and higher expectations of critical thinking at an accelerated rate. Students will discover themes of how the physical world works through theoretical and practical laboratory experiences, concentrating on developing scientific skills of observing, inferring, data collecting, and graphing. First semester will cover the topics of using and understanding the mechanics of the Periodic Table of Elements, Ionic and Covalent Bonding, States of Matter, Physical and Chemical changes and Nuclear Chemistry. Second semester will concentrate mostly on physics, focusing on Newton's laws, Potential and Kinetic Energy, Transfer of energy, Sound /Light Waves, Forces and Electricity.

## **Biology I**

### **Grade 10**

This introductory course provides students with an overview understanding of the principles of living things; focusing specifically on concepts of evolution, cells and tissue structuring, cellular respiration/photosynthesis, disease transmission/inheritance, and ecosystem interactions. This course heavily relies on the use of the following skill sets: high level critical thinking, basic level algebraic skills, graph production, and data analysis. These skills are developed and used to help students to drive their own hypotheses and conclusions using scientific inquiry.

## **Biology I Honors**

### **Grade 9-10**

#### ***Honors: Teacher Recommendation***

This introductory course provides students with an overview understanding of the principles of living things; focusing specifically on concepts of evolution, cells and tissue structuring, cellular respiration/photosynthesis, disease transmission/inheritance, and ecosystem interactions. Students will be challenged with a deeper level of understanding and higher expectations of critical thinking at an accelerated rate. This course heavily relies on the use of the following skill sets: high level critical thinking, basic level algebraic skills, graph production, and data analysis. These skills are developed and used to help students to drive their own hypotheses and conclusions using scientific inquiry.

## **Chemistry**

### **Grade 11-12**

#### ***Prerequisite: Enrollment in or completion of Algebra II. Physical science recommended***

Chemistry is a mid-level course designed to explore the fundamental principles of chemistry which characterize the properties of matter and how it reacts. Basic algebraic skills are necessary for this course. Laboratory experiences, demonstration, and problem solving are stressed. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table, bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, kinetics, equilibrium, acids and bases, and nuclear chemistry. Content covered in this course will prepare students for both Biology II and Physics.

## **Chemistry Honors**

### **Grade 11-12**

#### ***Prerequisite: Enrollment in or completion of Algebra II-H***

Chemistry Honors is a mid-level course recommended for the above-average student who has a strong background in honors math and science classes. Basic algebraic skills are necessary for this course. Laboratory experiences, demonstration, and problem solving are stressed. This course covers the same material as Chemistry, but at an advanced level and at an accelerated rate. Content covered in this course will prepare students for both Biology II and Physics.

## **Biology II**

### **Grade 11-12**

**Honors: Required B average in biology and enrollment in or completion of Chemistry**

Biology II is an advanced level course designed for those students who exhibit interest in life sciences. This one-year course is a continuation of the study of Biology that includes an in-depth study of cellular processes, genetics, evolution, ecology, human body systems, and additional topics as time permits. This is a college preparatory course intended to prepare students for college science courses. Significant time will be spent on experimental design and analysis, interpretation of scientific models, and making and supporting claims based on evidence. Strong reading comprehension, critical thinking, and study skills are critical for success in this course.

## **Biology II Dual Enrollment**

### **Grade 11-12**

**Prerequisite: B or higher in Honors Chemistry I or recommendation**

**Required: University course fee; Meet DE eligibility guidelines**

Biology II Dual Enrollment is an advanced course focusing on cell and molecular processes, including a study of biological molecules, cell structure and function, cellular respiration, photosynthesis, cell reproduction and genetics. Evolution, diversity of life, plant and animal form and function, and ecology are topics covered in the spring. The course involves extensive, college-level lab work, and students are required to write scientific lab reports in order to receive the lab credits.

## **Biology II Advanced Placement**

### **Grade 11-12**

**Required: B average in Biology H and Chemistry H, course fee, Advanced Placement test**

AP Biology is a yearlong advanced level course equivalent of a freshman-level collegiate general biology course. Students can expect challenging content, a rigorous pace, extensive lab work and a significant time commitment to studying and reading. The textbook used by AP Biology is also used by college biology majors and the kinds of labs done by AP students are equivalent to those done by college students. AP Biology is a course that aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This course is designed to prepare students for the Biology College Board Advanced Placement Exam.

## **Environmental Science**

### ***Grade 9***

Environmental Science Grade 9 is an intro-level course that examines the processes at work in our natural environment, how we use those natural systems and the resources they provide, and the human impact on those systems. The course includes discussions of Earth's systems (interactions between the atmosphere, hydrosphere, geosphere, and biosphere), ecology (the study of the interactions of organisms and their environment), biodiversity (the variety of plants and animals), resource use, pollution, and sustainability (balancing resource use with economic growth, environmental care, and social well-being). Emphasis will be placed on introductory concepts connected to larger and more complex environmental systems such as how the carbon cycle affects air pollution and global warming.

## **Environmental Science**

### ***Grade 11-12***

Environmental Science is a mid-level course that examines the processes at work in our natural environment, how we use those natural systems and the resource they provide, and the human impact on those systems. The course includes discussions of Earth's systems (weather and climate, water cycle, etc.), ecology (the study of the interactions of organisms and their environment), biodiversity, resource use, pollution, and sustainability (how we can use resources with less harm to the environment). Emphasis will be placed on current and local issues, as well as how individuals can make more sustainable choices.

## **Environmental Science Honors**

### ***Grade 11-12***

***Honors prerequisite: C average in Chemistry H or Biology I H or a B in on-level Chemistry or Biology I***

This mid-level course covers the same content as Environmental Science, but at greater depth and at an accelerated rate. Strong reading comprehension and writing skills are recommended. Additional emphasis will be placed on critical thinking to analyze complex issues, experimental design, and data analysis.

## **Forensic Science**

### ***Grade 11-12***

***Prerequisite: B or higher in biology, chemistry, geometry (or higher math), or teacher recommendation***

Practical-based course. Students will learn and practice the skills used by forensic techs and crime scene investigators. Includes a field trip STSPO crim lab and guest speaks from the coroner's office. Topics include hair, fiber, and fingerprint analysis; glass fracture and ballistics; blood serology and spatter; foot treads; handwriting; DNA fingerprinting; and death investigation and autopsy.

## **Physics Honors**

### **Grade 11-12**

***Prerequisite: B average in Chemistry H and Algebra II H, currently enrolled in Pre-calculus or Calculus, teacher recommendation***

Physics Honors is an advanced level course recommended for the above average student who has a strong background in honors math and science classes. Laboratory experiences, demonstration, and problem solving are stressed. Basic algebraic skills are necessary for success in this course. This course covers the same material as Physics, but at an advanced level and at an accelerated rate and is designed for those students who exhibit interest in science.

## **Physics I Advanced Placement**

### **Grade 11-12**

***Required: B average in Chemistry H and Algebra II H, enrollment in or completion of Pre-Calculus or Calculus, teacher recommendation, Advanced Placement exam***

AP Physics 1 is an advanced level course equivalent to a first-semester college course in algebra-based physics. It is recommended for the above average student who has a strong background in honors math and science classes. Students will investigate the natural laws of physics and their application to everyday occurrences through advanced mathematics, problem solving and critical thinking. Topics include Newtonian mechanics, work, power, energy, mechanical waves, sound, and an introduction to electric circuits. All AP Physics 1 students will prepare to take the AP exam at the end of the school year.

## **Anatomy & Physiology Honors**

### **Grade 11-12**

#### **1 Credit**

***Required: B average in Biology H***

***Dual Enrollment opportunity (online, tuition required)***

This is an advanced level for students interested in pursuing a degree in the health sciences, Biological sciences, or a nursing field. The course focuses on anatomical terminology, anatomical identification, and physiological processes of human body systems. Students enrolled in this course should realize that this course requires an extensive amount of time, effort, reading, and memorization. Successful completion of this course requires dedication and commitment.

## **Health Science I (Health Occupations)**

### **Grade 9-12**

Health Occupations is an introductory course for students interested in the health care fields. The four career clusters will be explored. Students will also be taught employment and soft skills such as resume writing, recognizing reportable behavior, and interviewing techniques.

## **Medical Terminology**

**Grade 10-12**

**Dual Enrollment opportunity (offered online and subject to tuition)**

**Prerequisite: Health Science I (Health Occupations)**

Students will develop study skills needed to determine language of health care professions. Concentration of pathology, diagnostic and therapeutic techniques in human body systems will be the main focus of this course.

## **Lab Assistant-Course of Independent Study in Science**

**Grade 12**

**Required: Teacher or Dept. Chair recommendation**

Lab Assistant is an advanced level course for students interested in science. Students work independently to prepare lab solutions and materials, set up labs and assist during labs for a variety of science disciplines. Students will learn how to work with other students as they assist during the lab classes.

## **First Responder**

**Grade 11-12**

**Certification opportunity**

This mid-level course introduces students to basic assessment of medical/trauma injuries and hands-on techniques used for patient care. Legal and psychological aspects of emergency medicine are included. CPR and first aid certification may be earned through the AHA, as well as licensure in EMR. Gatekeeper Course for students on the Health Science Pathway: EMT, CCMA, PPN courses. The Bureau of EMS does not allow for scholastic or physical accommodations.

## **Pre-Practical Nursing Dual Enrollment I**

**Grade 11**

**2 Credits, first of three-year program**

**Required: High school GPA > 2.0; Pre-ACT: Math-19, Reading-18, Language-14; counselor recommendation, application, interview, parent meeting, tuition payment**

This course sequence provides high school students an opportunity to advance their education and skills by completing the courses of the first semester of the traditional Practical Nursing Program during their Junior and Senior year of High School. This will allow them an accelerated (12 months / 3 semesters) completion of the Practical Nursing Program after high school graduation. This theory class will be a hybrid of synchronous online lectures and face to face experience at the Lacombe campus. Online simulation will also be used to supplement and enhance learning. Students complete LPN licensure after three-year program.

## **Pre-Practical Nursing Dual Enrollment II**

***Grade 12***

***2 Credits, second of three-year program***

***Required: Pre-Practical Nursing Dual Enrollment I grade of C or 80 out of 100, tuition payment***

This course sequence provides high school students an opportunity to advance their education and skills by completing the courses of the first semester of the traditional Practical Nursing Program during their Junior and Senior year of High School. This will allow them an accelerated (12 months / 3 semesters) completion of the Practical Nursing Program after high school graduation. The first semester is another theory course and the second semester will be clinical education in a nursing home setting. Online simulation will also be used to supplement and enhance learning. Students complete LPN licensure after three-year program.

## **EMT Basic Dual Enrollment**

**Grade 12**

**2 Credits**

***Prerequisite: 1st Responder Certification***

***Required: Meet DE eligibility Requirements***

All students in this course will be dually enrolled with Northshore Technical Community College and students must adhere to the college attendance policy. All students pursuing the Emergency Medical Responder certification must be a senior in high school and at least 16 years of age by the scheduled end date of the EMT course. Students must pass both a psychomotor exam and a cognitive exam in order to attain certification. To be eligible to enroll in an EMS course in Louisiana, the applicant must:

1. Hold an active Emergency Medical Responder certification.
2. Complete a NTCC Dual Enrollment Application
3. Be proficient in reading, writing, and speaking the English language.
4. Must have a 2.0 cumulative GPA prior to entering the EMT program and maintain a
5. 2.0 course GPA while in the program.
6. Must possess a current AHA BLS CPR (or equivalent) card.
7. Have no physical or mental impairment that would render the student unable to perform all practical skills required for the level of licensure without accommodation.
8. Not have an arrest/conviction record that has not been cleared by the EMS Certification Commission.
9. Maintain a professional appearance in line with local EMS expectations and in accordance with the local school district policy.
10. Not be under the influence of any drugs or intoxicating substances that impair the ability to provide patient care or operate a motor vehicle while in class or clinicals, while on duty, when responding to, or assisting in the care of a patient.
11. Review and attest in writing their acceptance and understanding of the EMT Functional Position Statement.
12. Review and attest in writing receipt of an agreement to adhere to the policies contained in the Dual Enrollment EMS Program Student Handbook.
13. Documentation from a physician attesting to the students' ability to perform the duties of an Emergency Medical Technician Responder (physical exam.)
14. This advanced course prepares students to work as an Emergency Medical Technician who provides attention as patients are transported to medical facilities. Upon completion of the course and required Clinical hours, students will earn 5 certifications, 2 high school credits and 6 college credits through Northshore Technical Community College.

## **Medical Assistant- Dual Enrollment**

**Grade 12**

**2 credits**

***Certification opportunity***

***Required: at least 16 years old, valid driver's license, background check, physical exam, immunizations including TB test, scrubs, footwear and tuition payment.***

***Pre-requisite: BLS American Heart Association CPR certification and successful completion of EMR course.***

This course prepares high school students for a career in a variety of healthcare settings and includes an opportunity to earn an additional Phlebotomy certification. This course is recommended for students who want to work in a doctor's office, hospital or clinic. These students may want to be a nurse, phlebotomist, or EKG technician. Students are required to provide their own transportation to a designated clinic as they earn the phlebotomy certification component of the course.

## **Engineering**

PLTW (Engineering) courses engage students in interdisciplinary activities like working on a project design team, programming electronic devices, or creating a solar vehicle. These activities not only build knowledge and skills in engineering, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance. Students will learn and apply an engineering design process and utilize the same industry-leading technology and software that are used in the world's top companies.

### **Principles of Engineering Design (Engineering I)**

**Grade 9-11**

***Certification opportunity: AutoDesk Inventor***

***Requirements: Reliable Internet access outside of school***

Introduction to Engineering Design is an introductory course designed to allow students to dig deep into the engineering design process, applying math, science and engineering standards to hands-on projects. This course is designed to expose students with a high aptitude in mathematics and science to the rigors of an engineering field as they work individually and in teams on design solutions of a variety of problems. Topics covered in this course are Engineering Design Process, Technical Sketching, Measurement and Statistics, Computer Modeling Skills, Geometry of Design, Reverse Engineering, and Documentation. Students will utilize 3D modeling software, AutoDesk Inventor, and use an engineering notebook. Documentation of the design process, collaboration, and presentation skills gained in this course will prepare students for Principles of Engineering, the second course in the series. Students with a serious interest in a career in the fields of engineering or engineering technology should take this course.

### **Engineering Design Principles (Engineering II)**

**Grade 10-12**

***Prerequisite: Successful Completion of Engineering I (C average or better)***

***Certification opportunity: AutoDesk Inventor***

***Requirements: Reliable Internet access outside of school***

Principles of Engineering (POE) is a science elective course designed for students with a high aptitude in mathematics and science interested in pursuing a career in science, technology, engineering and math. This course will expose students to a broad range of engineering topics including Newtonian mechanics, thermodynamics, strength of structures and materials, automation, energy and power, electronics, control systems, and kinematics. Students will continue to develop skills in problem solving, research, design process and documentation as they complete a variety of task-oriented projects throughout the course. This course is the second in a series of two for students that have a serious interest in pursuing a career in the fields of engineering or engineering technology.

## Social Studies

### **AP Seminar**

#### ***Grades 10-12***

***Prerequisites: B or high in honors, gifted, or AP English course***

***Required: Course fee, Advanced Placement exam***

AP Seminar teaches you how to find and use evidence from experts, and how to present the case from your own perspective effectively, both through writing and multimedia presentations. Students will choose what real-world contemporary issues or academic topics to investigate.

### **Comparative Government Advanced Placement**

#### ***Grade 10-12***

The course uses a comparative approach to examine the political structures, policies, and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis.

### **Contemporary Issues**

#### ***Grade 11-12***

***Prerequisite: Government***

Current Affairs/Contemporary Issues is an introductory course designed to increase the students' understanding of the issues and the world around them. Students should have taken Government prior to taking Current Affairs/Contemporary Issues. Subjects investigated during the course will include (but will not be limited to): Scientific innovations, politics, environmental issues, medical breakthroughs, court rulings, the economy, changes in governmental composition, upcoming trials, differing cultures, negotiating reliable information sources, and travel around the world. The students will participate in discussions and research stimulating topics that affect the world around us.

### **European History Advanced Placement**

#### ***Grade 12***

AP European History is an introductory college-level European history course. Students cultivate their understanding of European history by analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like the interaction of Europe and the world, economic and commercial developments, cultural and intellectual developments, states, and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

## **Gifted Independent Research**

### ***Grades 11 and 12***

#### ***Prerequisites: Gifted IEP in STPSB***

Students will explore their passions and develop advanced research skills. Throughout the course, they will be immersed in the research process from inception to completion of a self-selected project for which they will gather, evaluate, document, and synthesize sources including scholarly articles from academic journals, data and information from credible sites and publications, authentic data through self-designed methods, anecdotal evidence, and other mediums such as interviews. Finally, they will present their findings through various mediums that may include but are not limited to short films, works of art, speeches or performances, fictional or nonfictional creative writing, and video series. This course will enhance and encourage the development of critical and creative thinking skills, self-directed learning, and problem solving as well as prepare students for the rigor of college and career through organizational methods, accountability checks, and seminar discussions.

## **Government**

### ***Grade 10***

Government is an introductory level course designed to make students become informed citizens by exploring the goal of a “more perfect union” and the role of the individual in the decision making process of the United States government. They will learn about the foundations, structure, and functions of the US government, politics and the role of the citizen, economic concepts, and financial literacy. Students are expected to present their work in a variety of formats including formal essays and presentations, informal discussion, and/or creative projects.

## **Government and Politics Advanced Placement**

### ***Grade 10-12***

***Recommended prerequisites: Honors or gifted English with an A or B in the course.***

***Required: Advanced Placement exam***

This course is the high school equivalent to a college introductory course in United States government and politics. It is an analytical look at the institutions, groups, beliefs and ideas that constitute U.S. politics and is designed to prepare students for the Advanced Placement exam in May.

## **Government and Politics Advanced Placement Gifted**

### **Grade 10**

#### ***Required: Identification as Gifted by STPSB***

AP Gifted Government is an advanced course designed to bring students into a deeper understanding of the foundations of government and civics. Through its six units, Gifted Government offers students an exposure to civic education and governmental and political processes. In addition, the foundations of economics will be taught since government actions and reactions are often driven by economic issues. The course will emphasize critical thinking, problem solving, discussion and debating, and writing skills to assist students in their academic success. Students will explore the U.S. government and economics through primary and secondary sources, videos, data, images, political cartoons, maps and other artifacts. Students will work alone and in groups to complete projects that will demonstrate their content knowledge through their affective, research, critical thinking and creative skills. This curriculum prepares students for the U.S. History and the LEAP 2025 exam. Students in government gifted are eligible to take the AP and/or CLEP tests in May.

## **Government Honors**

### **Grade 10**

Government Honors is an advanced level course designed to make students become informed citizens by exploring the goal of a “more perfect union” and the role of the individual in the decision making process of the United States government. They will learn about the foundations, structure, and functions of the US government, politics and the role of the citizen, economic concepts, and financial literacy. Students are expected to present their work in a variety of formats including formal essays and presentations, informal discussion, and/or creative projects.

## **History of Film in the United States**

### **Grade 11-12**

#### ***Requirement: Parent permission form to view all films on syllabus***

US Film/ History in Film is a junior/senior level course designed to teach students to view films and study the history that the film is based on. Students will research, analyze, discuss, write essays, create projects and participate in activities to further their understanding of the historical time period and events that the film portrays.

## **Human Geography Advanced Placement**

### **Grade 9-12**

Learn about the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface; use spatial concepts and landscape analysis to examine the human social organization and its environmental consequences and learn about the methods and tools geographers use in their science and practice; study the distribution, processes, and effects of the human population on the planet; learn how to use and interpret maps, data sets, geographic models, GIS, aerial photographs, and satellite images—primarily offered to 9th grade as an introductory AP course.

## **Human Geography Advanced Placement-Gifted**

### **Grade 9**

#### ***Required: Identification as gifted by STPSB***

World Geography AP Gifted is an advanced course designed to teach students about political, physical, and cultural geography. In exploring these topics, students will be exposed to different countries' cultures, environments, current events, economies, histories, religions, and more. In addition to preparing students for future social studies courses through the development of critical thinking, students will be challenged to use their creativity, research skills, and affective skills to explore the relationship between various aspects of geography and civilizational/human development. Students will present their work in a variety of formats including group projects, papers, tests, presentations, essays, and drawing/art. World geography gifted students are eligible to take the AP Human Geography test in May.

## **Law Studies**

### **Grade 11-12**

#### ***Prerequisite: Government***

Law studies is an introductory course designed to increase understanding of citizens' basic legal rights and responsibilities. Students should have taken U.S. Government prior to taking Law Study. Students will be exposed to local, state, and federal law, as well as Constitutional law and a review of Supreme Court cases. Law studies will prepare students for further study as consumer and court advocates, paralegal studies, pre-law and criminal justice.

## **Psychology**

### **Grade 11-12**

Psychology is a mid-level course designed to promote the scientific approach to the study of both animal and human behaviors and mental processes. Through the study of Psychology, we are better able to understand how the mind and body work together. This course will prepare students for college psychology. Students who are interested in Psychology, Forensic Psychology, Counseling, Public Relations, Advertising, Communications, Business, Human Resources, Tourism and Hospitality should take this course.

## **Psychology Dual Enrollment**

### **Grade 11-12**

#### ***Required: Course fee; Meet DE eligibility requirements***

Psychology is a mid-level survey course of the science of behavior of man and other animals stressing the connections between human behavior and mental processes. Units of study include careers in the field of Psychology, the Scientific Method, Learning, Development, Social Psychology, Mental Illnesses and Disorders and Treatment and Therapy.

## **Sociology**

### ***Grade 10-11***

Sociology is a mid-level course designed to teach students about the basic principles of sociology. Students will be exposed to the study of culture, society, social organizations, and social relationships. This course is for students that are interested in investigating the social causes and consequences of: personal identity, conflict, deviant behavior, crime, poverty and other social issues.

## **Sociology Dual Enrollment**

### ***Grade 11-12***

***Required: Course Fee; meet DE eligibility requirements***

Sociology is an advanced level survey course of culture, groups, social institutions and organizations, society and the social self and identity and inequality. Particular emphasis is placed on living in today's world and developing a sociological perspective. This is a required and/ Social Sciences course for many degree programs at most Louisiana colleges and universities. All students interested in earning Dual Enrollment credit should take this course. Upon successful completion of this course, students will earn 3 hrs. of college credit

## **US History**

### ***Grade 11***

US History is a mid-level course designed to study the history of America in six units from Industrialization through the World Wars, the Cold War, and post-Cold War era to present day. Students will be exposed to primary and secondary sources, charts, graphs, and videos that will prepare them for World History and the LEAP 2025.

## **US History Advanced Placement**

### ***Grade 11-12***

Explore events of U.S. history through the use and analysis of documents, images, cartoons, quantitative data, and other primary sources; develop an understanding of major themes in U.S. history, including American identity, economic and social life, political change and continuity, and the U.S. role in the world; learn about the developments that have shaped U.S. history through the critical analysis of historical events and materials; learn to weigh evidence and interpretations to build your factual knowledge of U.S. history. Develop the ability to draw conclusions and use informed reasoning to present arguments clearly and persuasively in essay format.

## **US History Dual Enrollment**

### ***Grade 11-12***

#### ***Required: Meet DE eligibility Requirements***

History 2020: American History since 1877. Credit 3 hours. No prerequisites. A survey of American History from the age of discovery to 1877. Four units on the Emergence of Modern America (1877-1917); World Wars and the New Deal (1917-1945); the Cold War and Civil Rights (1945-1976); and the New World Order (1976-Present). This class will be offered as a dual-enrollment class with high school American History. The college segment of the class will have four units as specified in the catalogue, each with ten 50-minute lectures to be delivered by various HIPS faculty with appropriate expertise, broadcast on the Southeastern Channel, and available via streaming video from the Southeastern website. To earn credit for History 202 students must complete the full high school course on American History from the Renaissance to the present; view all lectures; complete all readings assigned by Southeastern's Department of History and Political Science; and earn a cumulative passing grade on four college-level exams and sixteen quizzes.

## **US History Advanced Placement-Gifted**

### ***Grade 11***

#### ***Required: Identification as gifted by STPSB***

US History Gifted is an advanced level course designed to study the history of America in six units which include topics such as Industrialization, the Great Depression and New Deal, the World Wars, the Cold War, and events of the 1980s-2000s. Students explore these eras through primary and secondary resources, videos, data, images, political cartoons, maps, and other artifacts. Students work alone and in groups to complete projects to demonstrate their content knowledge and research skills. In addition to fostering college-readiness through critical thinking, students will be challenged to use their creativity, research skills, and affective skills to explore the relationship between and amongst past events and the present. Students will present their work in a variety of formats including group projects, papers, tests, presentations, essays, and drawing/art. This curriculum prepares the students for the LEAP 2025. US History Gifted students are eligible to the AP and/or CLEP tests in May.

## **US History Honors**

### ***Grade 11***

#### ***Honors: Teacher Recommendation***

US History H is an advanced level course designed to study the history of America in six units from Industrialization through the World Wars, the Cold War, and post-Cold War era to present day. Students will be exposed to primary and secondary sources, charts, graphs, and videos that will prepare them for World History and the LEAP 2025. Honors students are required to complete a course project.

## **World Geography**

### ***Grade 9-12***

World Geography is an introductory course designed to teach students about the basic principles of geography. Students will be exposed to the different cultures around the world focusing on history, current events, and the environment. Concepts and skills covered in this course will help prepare students for future Social Studies classes.

## **World Geography Honors**

### ***Grade 9-12***

#### ***Required: Teacher recommendation***

World geography is a mid-level course designed to teach students about the principles of geography. Students will be exposed to the different cultures around the world focusing on history, current events, and the environment. Concepts and skills covered in this course will help prepare students for future Social Studies classes. Students must complete a St. Tammany Parish School Board required project.

## **World History**

### ***Grade 12***

World History is an advanced level course designed to teach students to examine the history of the world from the Renaissance to the present day. Students will be taught how to properly analyze primary and secondary sources, reasoning skills, and how to form persuasive arguments, skills that will prepare them for their next course, college, or beyond.

## **World History Advanced Placement**

### ***Grade 12***

#### ***Required: Course fee, Advanced Placement exam***

AP World History is an advanced level course designed to be the equivalent of a two-semester introductory college or university world history course. Students will be exposed to significant events, individuals, developments, and processes in four historical periods from approximately 1200 C.E. to the present. Students will develop and use the same skills, practices, and methods used by historians, such as analyzing primary and secondary sources, making historical comparisons, utilizing reasoning about contextualization, causation, and continuity and change over time, and developing historical arguments that will prepare them for college and beyond. AP students are required to take the AP Exam in the spring.

### **World History Dual Enrollment (up to 1500)**

#### **Grade 11-12**

***Required: Meet DE eligibility requirements; course fee***

History 1010: Western Civilization to 1500 - Catalogue Description History 1010: Western Civilization to 1500. Credit 3 hours. No prerequisites. A survey of Western Civilization from prehistoric times to 1500. Four units on the Ancient Near East, the Ancient Greeks, the Ancient Roman World, and the Middle Ages. Includes in-depth coverage of the role of women. College Credit Via Dual Enrollment Because Louisiana high schools do not have a World History class equivalent to History 1010, this class usually will be offered as a television/streaming video class (for exceptions contact the Dual Enrollment Instructor of Record). The class will have four units as specified in the catalogue, each with ten about 1 hour lectures broadcast on the Southeastern Channel, and available via streaming video from the Southeastern website, and accessible through links in your CanvasDE course. To earn college credit for History 1010, students must view all forty- four lectures; complete all readings assigned by Southeastern's Department of History and Political Science; and earn a cumulative passing grade on four college-level exams and additional quizzes. The Dual Enrollment Coordinator will be instructor of record and will be responsible for quizzes, exams, grades, etc. Students must have adequate access to technology resources to complete this course.

### **World History Dual Enrollment (since 1500)**

#### **Grade 11-12**

***Required: Meet DE eligibility requirements; course fee***

History 1020: Western Civilization since 1500. Credit 3 hours. No prerequisites. A survey of Western Civilization from 1500 to the present. Four units on the Renaissance and Reformation (to 1610); Absolutism and Enlightenment (1610-1789); Revolutions and Nationalism (1789-1914); and Modern Europe (1914-present). Includes in-depth coverage of the role of women. COLLEGE CREDIT VIA DUAL ENROLLMENT College Credit Via Dual Enrollment Because Louisiana high schools do not have a World History class equivalent to History 1020, this class usually will be offered as a television/streaming video class (for exceptions contact the Dual Enrollment Instructor of Record). The class will have four units as specified in the catalogue, each with ten about 1 hour lectures broadcast on the Southeastern Channel, and available via streaming video from the Southeastern website, and accessible through links in your CanvasDE course. To earn college credit for History 1020, students must view all forty- four lectures; complete all readings assigned by Southeastern's Department of History and Political Science; and earn a cumulative passing grade on four college-level exams and additional quizzes. The Dual Enrollment Coordinator will be instructor of record and will be responsible for quizzes, exams, grades, etc. Students must have adequate access to technology resources to complete this course. Southeastern's History 1020 Dual Enrollment course may be facilitated in a year-long format or in a semester-long format.

## **FHS Jump Start Graduation Pathways**

The Louisiana Department of Education documents that follow are drawn directly from the state's website. They include *all* courses included in each pathway. Note that Fontainebleau High School does not offer every course listed. See the previous pages to confirm the courses offered at FHS.