

Course Description Guide for 2022-2023

TABLE OF CONTENTS

<u>COURSE PLANS FOR 2022-2023</u>	2
<u>DIPLOMA OVERVIEW</u>	2
<u>HIGH SCHOOL CLASS ASSIGNMENT PROCEDURES</u>	3
<u>ENGLISH AND LANGUAGE ARTS</u>	4
<u>AP CAPSTONE</u>	9
<u>FOREIGN LANGUAGES</u>	10
<u>MATHEMATICS</u>	11
<u>SCIENCE</u>	16
<u>STEM</u>	20
<u>SOCIAL STUDIES</u>	21
<u>AIR FORCE JUNIOR ROTC</u>	25
<u>TRANSITION COURSES</u>	28
<u>HEALTH AND PHYSICAL EDUCATION</u>	29
<u>THE ARTS</u>	30
<u>FAMILY AND CONSUMER SCIENCES</u>	33
<u>BUSINESS EDUCATION</u>	35
<u>CAREER READINESS COURSES</u>	37
<u>CAREER & TECHNOLOGY EDUCATION</u>	38
<u>CAREER & TECHNICAL EDUCATION @BPSTIL</u>	39
<u>SCHOOL-TO-WORK COURSES</u>	48
<u>GENERAL ELECTIVES</u>	49
<u>FAQ</u>	50

COURSE PLANS FOR 2022-2023

Bossier Parish Schools strive to provide courses for students that prepare them for the ever-changing demands of college and career readiness. This has been accomplished by continuing to add new courses to meet students' needs. Many of these courses will be located on the home school campus and many additional courses will be offered at Bossier Parish School for Technology and Innovative Learning (BPSTIL).

The courses offered at BPSTIL will complement and supplement the courses offered at each home school. BPSTIL is located at 1020 Innovation Drive Bossier City. Bus transportation will be provided to and from BPSTIL to each home school.

Some courses are weighted on a 5-point scale. They are identified by + behind the course name. For more information on weighted grading scales and courses, please see the Pupil Progression Plan available for viewing on our website.

Please review the Course Description Guide below for courses taught at your home school and at BPSTIL that you might be interested in selecting for next year. For additional information please contact your high school counselor.

DIPLOMA OVERVIEW

FOR PARENTS AND STUDENTS ENTERING HIGH SCHOOL (LINKS INCLUDED)

Jump Start TOPS Tech (Career Diploma)

<http://www.louisianabelieves.com/docs/default-source/course-choice/blueprint---appendix- 1.pdf?sfvrsn=2>

Jump Start Graduation Pathways

<http://www.louisianabelieves.com/resources/library/jump-start-graduation-pathways>

TOPS University Diploma

<http://www.louisianabelieves.com/docs/default-source/course-choice/college-diploma-requirements-with-course-codes.pdf?sfvrsn=14>

HIGH SCHOOL CLASS ASSIGNMENT PROCEDURES

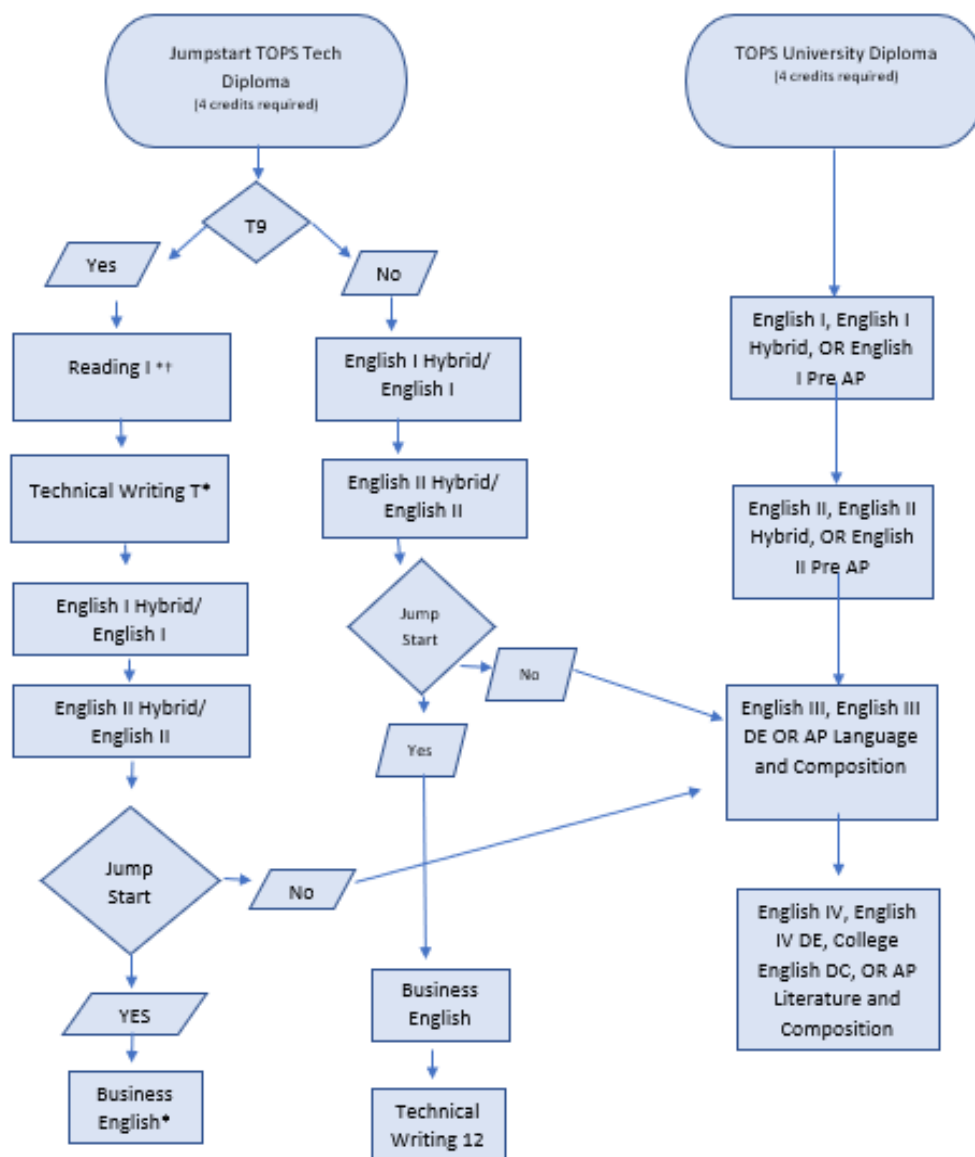
Once students have completed their course selection, they will be randomly scheduled into classes using the District's Student Information System (SIS) through a process which divides students evenly among classes according to gender groups, within ethnic groups, and within academic groups. The random process creates classes that are evenly divided and inclusive of all levels of academic potential, ethnicity, and gender in each class, until all students have been scheduled. *Starting with the 2020-2021 school year, Bossier Parish Schools will begin using the OnCourse Online Course Request for student course selections.*

Students will be assigned to all sections of non-elective classes taking into account, among other things, the overall racial composition of students assigned to each class. Each student shall be furnished a schedule of classes offered and requirements for graduation. Some classes may have prerequisites for enrollment.

Assistance in planning a course of study and selection of classes shall be provided by teachers, counselors, parents, and administrators. Students and parents will be advised regarding the course selection to pursue academic challenges that will prepare them for future education and work opportunities, and that identify multiple criteria relevant to student need for, and likelihood of, benefiting from such classes.

The parent(s) of twins, triplets, more than one child at a single birth event, or siblings/family members, etc. may request that their children be placed initially in the same, or separate, classrooms, if children are in the same grade at the same school. Such a request shall be presented to the Superintendent or his/her designee no later than fourteen (14) days either after the first day of the school year or after the first day of attendance if the child enrolls after the fourteenth day of the school year. This procedure does not supersede any law, regulation, or School Board policy to the contrary.

ENGLISH PATHWAYS



*T9 Pathway
† Elective Credit

ENGLISH AND LANGUAGE ARTS

English I - 01001G1.0011 - 1 credit

English I is an introductory course in the study of literature with a focus on writing. Students are expected to read, understand, and analyze a variety of literary and informational texts. An emphasis is placed on organizing logical arguments with clearly expressed related definitions, thesis, and evidence. English I students read extensively in multiple genres from world literature. Students learn literary forms and terms associated with selections being read. **English I is required for both Jump Start and TOPS University diplomas (can substitute with English I Pre-AP) Culminates with the English I LEAP 2025 exam (Prerequisite: None)**

English I and Speech I Hybrid - 01001B1.0011; 01199 B 1.00 12 - 2 credits (1 credit English I/ 1 credit Speech I)

This year long course will include both English I and Speech I. English I is an introductory course in the study of literature with a focus on writing. Students are expected to read, understand, and analyze a variety of literary and informational texts. An emphasis is placed on organizing logical arguments with clearly expressed related definitions, thesis, and evidence. English I students read extensively in multiple genres from world literature. Students learn literary forms and terms associated with selections being read. **English I is required for both Jump Start and TOPS University diplomas. Culminates with the English I LEAP 2025 exam.** Speech I emphasizes the fundamentals of public speaking: informative speech, special occasion speech, visual aid speech, group discussion and propaganda. **Speech I is a Universal Jump Start 1.0 and 2.0 course.** Both courses will be blended together to emphasize the importance of written and verbal communication. *(Prerequisite: None)*

English I Pre-AP - 01001H1.0011 - 1 credit

This course combines all of the course work of English I and requires an in depth study of literature. Students will be expected to engage in extensive and challenging reading and writing assignments. Emphasis is placed on literary analysis, critical thinking, essay writing, and research skills. A summer reading assignment may be required. **English I is required for both Jump Start and TOPS University diplomas. Culminates with the English I LEAP 2025 exam. (Prerequisite: None)**

English II - 01002G1.0011 - 1 credit

English II students continue to increase and refine their communication skills and critical analysis of texts across genres. Students are expected to plan, draft, edit, and revise written compositions on a regular basis in a variety of forms including expository, persuasive, and analytical texts. English II students read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry. **English II is required for both Jump Start and TOPS University diplomas. Culminates with the English II LEAP 2025 exam.** *(Prerequisite: English I).*

English II and Speech II Hybrid - 01002B1.0011; 01199B1.0022 - 2 credits (1 credit English II/ 1 credit Speech II)

This year long course will include both English II and Speech II. English II students continue to increase and refine their communication skills and critical analysis of texts across genres. Students are expected to plan, draft, edit, and revise written compositions on a regular basis in a variety of forms including expository, persuasive, and analytical texts. English II students read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry. **English II is required for both Jump Start and TOPS University diplomas. Culminates with the English II LEAP 2025 exam.** Speech II expands skills involved in advanced public speaking. This course emphasizes higher level speech construction and delivery, including a focus on research methods, rhetorical skills, persuasion, and self-evaluation. **Speech II is a Universal Jump Start 1.0 course (not 2.0).** Both courses will be blended together to emphasize the importance of written and verbal communication. *(Prerequisite: English I and Speech I)*

English II Pre-AP - 01002H1.0011 - 1 credit

This course combines all of the course work of English II and continues to accelerate the integration of the strands of language arts. It includes advanced mechanics, syntax, usage, and vocabulary in preparation for Advanced Placement exams. A summer reading assignment may be required. **English II is required for both Jump Start and TOPS University diplomas. Culminates with the English II LEAP 2025 exam. (Prerequisite: English I).**

Business English - 01105G1.0012 - 1 credit

This course provides students with the skills needed to be successful in a business environment. Students will study common business correspondence, such as memoranda, specialized letters, and technical reports. Reading and writing of business documents will also be emphasized. Students will develop skills in the principles of grammar, punctuation, and vocabulary needed in business transactions. Students will also practice speaking, listening, and communicating nonverbally in a business environment. **Business English is a Universal Jump Start course. (Prerequisite: English II, Jumpstart).**

English III - 01003G1.0011 - 1 credit

English III builds upon English I and English II to refine communication skills. Students read extensively in multiple genres from American literature. Periods from American literature may include the pre-colonial period, colonial and revolutionary periods, romanticism and idealism, realism and naturalism, early 20th century, and late 20th century. A literary research paper is required. **English III is required for the TOPS University diploma (Can substitute with AP Language and Composition).** *(Prerequisite: English II).*

AP English Language and Composition + - 01005G1.0011 - 1 credit

AP English Language and Composition is a college- level writing course which follows The College Board curriculum. It engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. Students will be expected to manage and engage in extensive and challenging reading of American Literature from various time periods and writing assignments which will require in depth analysis, research, evaluation, and synthesis. A literary research paper and a summer reading assignment may be required. **English III or AP Language and Composition is required for the TOPS University diploma. Culminates with the AP exam.***(Prerequisite: English II. Students enrolled in an AP course are required to take the AP Exam at a cost set by the parish to cover the test application fee).*

English III CENL 1013 English Composition I DE + -01102C1.0014 - 1 credit (3 hours college credit)

This is a dual enrollment course paired with English III. Students receive an introduction to college-level writing and essay format. Students develop critical reading and thinking skills while mastering the writing process and improving their abilities to write, revise, and edit essays. Dual enrollment credit is through a local university. Courses completed serve as English III high school requirement and collegiate level credit. Summer reading and research projects may be required. **This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. English III or English III CENL 1013 English Composition I DE is required for the TOPS University diploma.** *(Prerequisite: English II, University/ Higher Education Institution prerequisite and meets Dual Enrollment and/or ACT requirements)*

English III CENL 1023 English Composition II DE + -01102C1.0024 - 1 credit (3 hours college credit)

This is a dual enrollment course paired with English III. Students build on composition skills. It includes a study of selected readings in literature with an emphasis on developing analytical and critical essays that target educated and academic audiences, and on improving research and documentation skills. Courses completed serve as English III high school requirement and collegiate level credit. Summer reading and research projects may be required. **This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. English III or English III CENL 1023 English Composition II DE is required for the TOPS University diploma.** *(Prerequisite: English II, University/ Higher Education Institution prerequisite and meets Dual Enrollment and/or ACT requirements)*

Technical Writing 12 - 01105G1.0022 - 1 credit

This course includes the skills in verbal and written communication that students will need to be successful in the workplace. Students will understand, summarize, interpret, and compare information from simple and complex graphics to identify trends and make informed decisions. They will also demonstrate proficiency in writing and presentation skills by producing different technical writing products, including formal research reports, formal presentations, and workplace writing. Students will also demonstrate an understanding of the context in which communication occurs, the ethical issues involved, how to identify and address the needs of audiences, and the methods and strategies for organizing and presenting information. **Technical Writing is a Universal Jump Start course.** *(Prerequisite: Business English).*

English IV- 01004G1.0011- 1 credit

English IV builds upon English I, English II, and English III to refine communication skills and critical analysis of texts across genres. Students are expected to write in a variety of forms, including, work-related, analytical, literary, and persuasive texts. The literature focuses on a survey of British literature from the earliest settlers through modern times. A research project is required. **English IV is required for the TOPS University diploma (can substitute with AP Literature and Composition and/or College English- Dual Credit).** *(Prerequisite: English III).*

AP English Literature and Composition + - 01006G1.0011 - 1 credit

AP English Literature and Composition is a college-level course which follows The College Board curriculum. Students are required to read with understanding a range of literature rich in quality and representative of different literary forms and historical periods. Through class discussion and individual analysis of poetry and prose, students hone critical reading and thinking skills essential for post-secondary success. A literary research project and a summer reading assignment may be required. **English IV or AP Literature and Composition is required for the TOPS University diploma. Culminates with the AP exam.** (*Prerequisite: English III or AP Language and Composition. Students enrolled in an AP course are required to take the AP Exam at a cost set by the parish to cover the test application fee.*)

English IV CENL 1013 English Composition I DE + - 01102C1.0034 - 1 credit (3 hours college credit)

This is a dual enrollment course paired with English IV. Students receive an introduction to college-level writing and essay format. Students develop critical reading and thinking skills while mastering the writing process and improving their abilities to write, revise, and edit essays. Dual enrollment credit is through a local university. Courses completed serve as English IV high school requirement and collegiate level credit. Summer reading and research projects may be required. **This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. English IV or English IV CENL 1013 English Composition I DE is required for the TOPS University diploma.** (*Prerequisite: English III, University/ Higher Education Institution prerequisite and meets Dual Enrollment and/or ACT requirements*)

English IV CENL 1023 English Composition II DE + - 01102C1.0034 - 1 credit (3 hours college credit)

This is a dual enrollment course paired with English IV. Students build on composition skills. It includes a study of selected readings in literature with an emphasis on developing analytical and critical essays that target educated and academic audiences, and on improving research and documentation skills. Courses completed serve as English IV high school requirement and collegiate level credit. Summer reading and research projects may be required. **This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. English IV or English IV CENL 1023 English Composition II DE is required for the TOPS University diploma.** (*Prerequisite: English III, University/ Higher Education Institution prerequisite and meets Dual Enrollment and/or ACT requirements*)

College English – DE + - 01056C1.0011 - 1 credit (3 hours college credit)

This is a dual enrollment course paired with English IV. Students receive instruction in the following areas: essay writing, review of British literature, speaking, listening and evaluating of written material. Dual enrollment credit is through a local university. Courses completed serve as English IV high school requirement and collegiate level credit. Summer reading and research projects may be required. **This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee. English IV or College English- Dual Credit is required for the TOPS University diploma.** (*Prerequisite: English III, University/ Higher Education Institution prerequisite and meets Dual Enrollment and/or ACT requirements*)

Reading I - 01067B1.0011 - 1 credit

1st semester course paired with Technical Writing T (01 105 B 1.00 22)

This course assists students in developing the building blocks of the English language using the Language! Live program. Students learn how to use the sound-spelling correspondences to fluently read and spell words. Moreover, students learn basic grammar concepts, understand sentence parts and patterns, and develop communication skills through speaking and writing. (*Prerequisite: Freshman level remedial course. Language! In 8th grade, special criteria, &/or teacher recommendation*)

Technical Writing T - 01105B1.0022 - 1 credit

2nd semester course paired with Reading I (01 067 B 1.00 11)

This course provides the student with an understanding of communication skills and current and upcoming technology and its impact personally and professionally. Students will also further literacy skills by reading texts through district curriculum. Competency will be developed in the areas of oral and written communication, interpersonal skills, and the use of current technology. This course is recommended for transitional students after Reading I or for students that need additional remediation in preparation for English I. **Technical Writing is a Universal Jump Start course.** (*Prerequisite: Reading I or teacher recommendation*)

Bible - 01059G1.0011 - 1 credit

Bible I will equip the student with a fundamental understanding of the important literary forms contained in the Bible, as well as, people and symbols often referred to in literature, art, and music. Students will gain a fundamental understanding of important Biblical contributions to history, law, community life, and culture. (*Prerequisite: None*)

Creative Writing - 01104G1.0011 - 1 credit

This course includes an examination of the writing styles of different authors of literature and extensive practice in writing fiction, non-fiction, poetry, and plays. Students develop peer and self-assessments for effective writing. *(Prerequisite: None)*

College Fundamentals of Composition - Dual Credit Elective - 01104B1.0011 - 1 credit

Instructor must have BS in English and BPCC approval

This course introduces students to the writing process and gives extended practice in developing expository methods, especially emphasizing revising and editing. Instruction will concentrate on multi-paragraph essays while emphasizing grammar and mechanics. Students that pass the course will earn 3 college credit hours for ENGL 099. *(Prerequisite: University/ Higher Education Institution prerequisite and meets Dual Enrollment and/or ACT requirements)*

Film as Literature – 05203G1.0011 - 1 credit

This course includes a review of specific films as literature and emphasizes literary concepts, comprehension strategies, and writing skills. *(Prerequisite: None)*

Louisiana Literature – 01099G1.0011 - 1 credit

This course includes a systematic introduction to the major literary traditions of Louisiana that reflects the cultural and geographic diversity of the state. *(Prerequisite: None)*

Mythology - 01069G1.0011 - 1 credit

Mythology is intended for students with expectations of becoming proficient in the study of ancient Greek, Roman, and Norse mythology and how it relates to modern life and literature. Students will be asked to prepare oral presentations, work on individual and group projects, and read novels, as well as, various poetry and prose. The goal is to give students a foundation for exploring and understanding English as it relates to Mythology. *(Prerequisite: None)*

Publications I, II (Yearbook) - 11104G1.0014; 11104G1.0024 - 1 credit each

These journalism courses emphasize the preparation of layouts and text for a high school yearbook. Publications I is a prerequisite for Publications II. *(Prerequisite: Application.)*

A maximum of TWO credits in Yearbook may be used to satisfy graduation requirements.

Publications III, IV (Yearbook) - 11104G1.0034; 11104G1.0044 - 1 credit each

These courses expand skills in preparing layouts and text. They further develop a student's creative writing ability in order to produce a high school yearbook. *(Prerequisite: Publications I, II)*

Publications I, II (Newspaper) - 11101G1.0014; 11101G1.0024 - 1 credit each

These journalism courses emphasize the preparation of layouts and text for a high school newspaper. Publications I is a prerequisite for Publications II. *(Prerequisite: Application.)*

A maximum of TWO credits in Newspaper may be used to satisfy graduation requirements.

Publications III, IV (Newspaper) - 11101G1.0034; 11101G1.0044 - 1 credit each

These courses expand skills in preparing layouts and text. They further develop a student's creative writing ability in order to produce a high school newspaper. *(Prerequisite: Publications I, II)*

Speech I - 01199G1.0012 - 1 credit

This course emphasizes the fundamentals of public speaking: demonstration speech, high/low graph speech, bag speech, visual aid speech, group discussion and television-radio commercials. **Speech I is a Universal Jump Start 1.0 and 2.0 course.** *(Prerequisite: None)*

Speech II - 01199G1.0022 - 1 credit each

This course expands skills involved in advanced public speaking. This course emphasizes higher level speech construction and delivery, including a focus on research methods, rhetorical skills, persuasion, and self-evaluation. **Speech II is a Universal JumpStart 1.0 course (not 2.0).** *(Prerequisite: Speech I or consent of the instructor)*

Debate I - 01153G1.0012 - 1 credit each

This course emphasizes the fundamentals and techniques in debate. Co-curricular activities may be included as part of academic requirements in this performance class. **Meets requirement for TOPS University diploma.** *(Prerequisite: Consent of instructor)*

Debate II - 01153G1.0022 - 1 credit each

This course expands experiences involved in competitive debate. Co-curricular activities may be included as part of academic requirements in this performance class. **Meets requirement for TOPS University diploma.** (*Prerequisites: Debate I or consent of instructor*)

Applied ELA

To be eligible for these courses a student must have been evaluated and meet criteria according to the *Pupil Appraisal Handbook*.

Applied ELA I 01156B0.0014

Applied ELA II 01156B0.0024

Applied ELA III 01156B0.0034

Applied ELA IV 01156B0.0044

Applied English Language Arts Instruction in core ELA content as defined by ESEA for students participating in LEAP Alternate Assessment. Instruction may be integrated with other core content areas. A variety of high- and low-tech individual adaptations and modifications may be utilized in order for students to access the content area. Adaptations may be multi-sensory and multimodality in nature.

Critical Issues - 04064G1.0011 - 1 credit

This course includes an examination of the background and arguments pertaining to controversial issues in contemporary society, with emphasis on competing philosophies associated with each argument. (*Prerequisite: None*)

Library Science - 22053G1.0011 - 1 credit

This course emphasizes locating, evaluating, and using library resources. (*Prerequisite: 12th grade*)

AP CAPSTONE

AP Seminar -22110H1.0012 - 1 credit

Designed by the College Board to parallel college-level courses in critical thinking and communications, AP Seminar courses provide students with the opportunity to explore complex real world issues through cross-curricular lenses. Course topics vary and may include local, civic, or global issues and interdisciplinary subject areas. Courses typically emphasize research, communication, and critical-thinking skills to explore the issues addressed. Students may also examine source materials such as articles and other texts; speeches and personal accounts; and relevant artistic and literary works. **Culminates with the AP exam. The AP Seminar course is the first of two classes required for the AP Capstone Diploma—a two-year program with a curriculum designed to develop students' skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting. Students who receive a score of 3 or higher on the exams for both courses earn an AP Seminar and Research Certificate. Students who receive a score of 3 or higher on both exams and on four additional AP exams receive the AP Capstone Diploma.** (*Prerequisite: Must have completed 9th grade. Students enrolled in an AP course are required to take the AP Exam at a cost set by the parish to cover the test application fee.*)

FOREIGN LANGUAGES

French I - 24102G1.0011 - 1 credit

French I helps students develop skills in listening, speaking, reading, and writing, as well as common vocabulary and grammar patterns. Students will experience the cultures of French speaking people. **Meets requirements for TOPS University diploma.** *(Prerequisite: None)*

French II - 24103G1.0011 - 1 credit

This course further develops basic language skills in French: speaking, listening, reading, and writing. Knowledge of French culture will be expanded as well as the students' vocabulary base. **Meets requirements for TOPS University diploma.** *(Prerequisite: French I)*

Spanish I - 24052G1.0011 - 1 credit

Spanish I helps students develop skills in listening, speaking, reading, and writing, as well as common vocabulary and grammar patterns. Students will experience the cultures of Spanish speaking people both abroad and in the U.S. **Meets requirements for TOPS University diploma.** *(Prerequisite: None)*

Spanish II - 24053G1.0011 - 1 credit

This course further develops basic language skills in Spanish: speaking, listening, reading, and writing. Knowledge of Hispanic culture will be expanded as well as the students' vocabulary base. **Meets requirements for TOPS University diploma.** *(Prerequisite: Spanish I)*

Spanish III - 24054G1.0011 - 1 credit

This course emphasizes Spanish literature and the effective use of Spanish as a communication tool. **Meets requirements for TOPS University diploma.** *(Prerequisite: Spanish II, recommend C or above in Spanish II)*

Spanish IV - 24055G1.0011 - 1 credit

This course emphasizes oral and written comprehension and expression, including the exploration of significant events in the past, present, and future. Students perfect speaking, comprehension, and writing skills. **Meets requirements for TOPS University diploma.** *(Prerequisite: Spanish III, recommend C or above in Spanish III)*

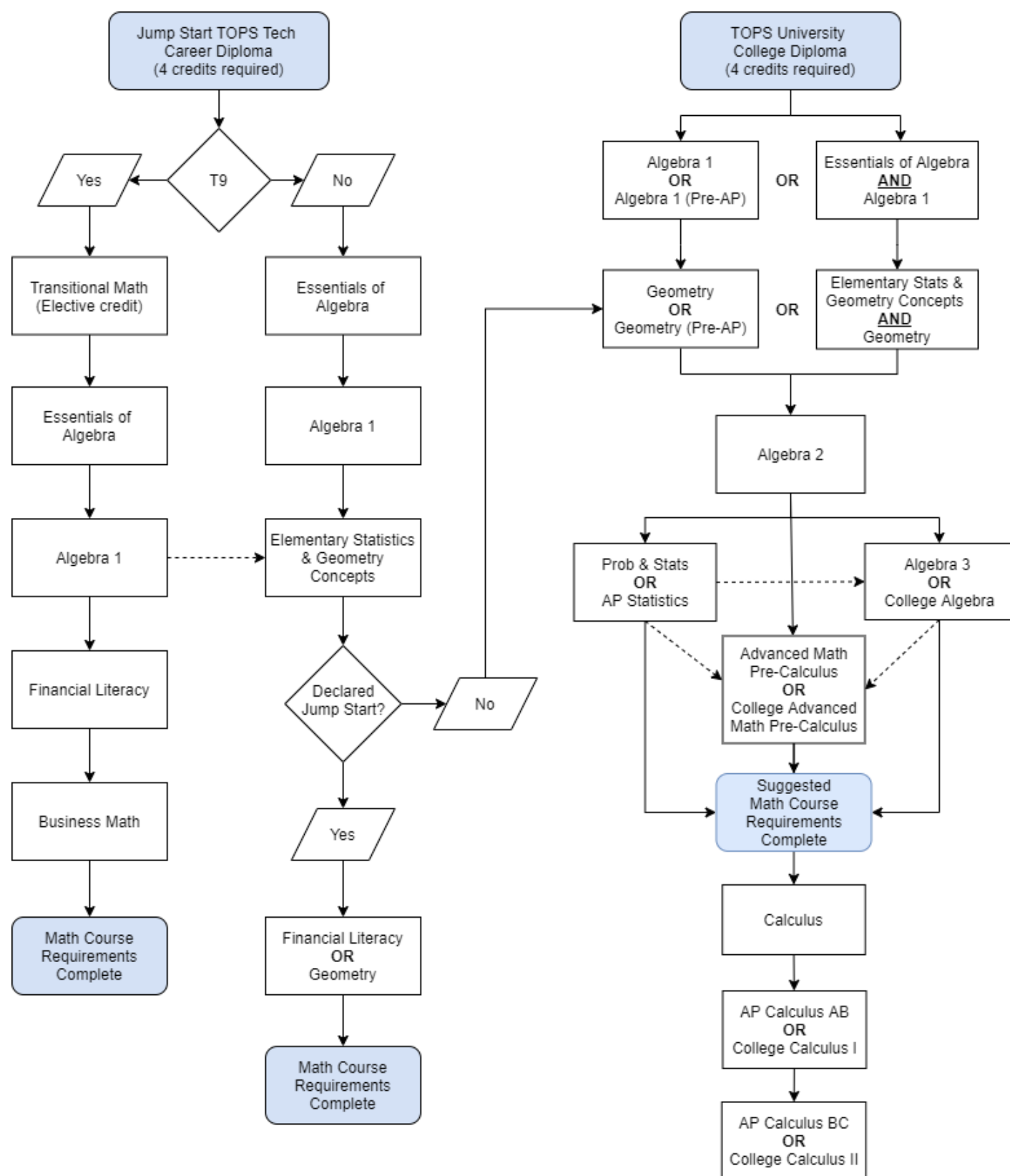
AP Spanish Language and Culture + - 24064G1.0011 - 1 credit

AP Spanish Language and Culture engages students in an exploration of culture in both contemporary and historical contexts. This course develops students' awareness and appreciation of cultural products (tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). **Meets requirements for TOPS University diploma. Culminates with the AP exam.** *(Prerequisite: Spanish II)*

College Spanish – DE + - 24054C1.0011 - 1 credit (3 hours college credit)

This is a dual enrollment course paired with Spanish III. The course focuses on introducing speaking, listening, reading, and writing skills in Spanish, while building vocabulary, learning terminology of Spanish grammar, and reviewing Hispanic cultures in order to communicate in a variety of socio-cultural situations. Dual enrollment credit is through a local university. Courses completed serve as Spanish III high school requirement and collegiate level credit. **This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.** *(Prerequisite: Spanish II, University/ Higher Education Institution prerequisite and meets Dual Enrollment and/or ACT requirements)*

RECOMMENDED MATHEMATICS PATHWAYS



MATHEMATICS

Transitional Math - 02039B1.0011 - 1 elective credit

Recommendation: Move to 2nd semester course for 2022-2023

Option 2: may be paired with Essentials of Algebra (02053B1.0011)

Transition math is a comprehensive mathematics course that provides key foundational skill-building and problem-solving experiences targeting fewer topics in greater depth. From rational numbers to algebraic thinking, this class provides rich, grade-level, problem-solving integrated with teaching fundamental skills.

Elective credit for Jump Start diploma or TOPS University diploma (Prerequisites: School criteria and/or teacher recommendation)

Financial Literacy T* - 02157B1.0011 - 1 credit - *Plain Dealing High School only due to staffing*

2nd semester course paired with Transition Math (02039B1.0011)

This course is designed to focus on mathematical concepts and applications needed for the design and management of personal finances. Financial literacy serves as a foundation for ALL students to learn to make mathematically sound decisions in their roles as consumers, employees, and/or entrepreneurs. This course supports and extends students' knowledge of whole numbers, fractions, decimals, and percents as well as basic statistics and probability, algebra, geometry, and data analysis in the context of relevant real life problem-solving situations. Emphasis is placed on various mathematical processes that include manual or electronic calculations of payroll, income tax preparations, interest computation, consumer information, managing income, buying insurance, selling and buying, making sound credit and investment decisions and other items that may be related to personal and business transactions. Prior mathematical content is integrated with skills needed for students to be literate in financial concepts.

Math credit for Jump Start diploma or elective credit for TOPS University diploma (Prerequisite: Transition Math)

Essentials of Algebra - 02053B1.0011 - 1 credit

1st semester course paired with Algebra I (02052B1.0011)

Option 2: 2nd semester course paired with Transition Math (02039B1.0011) - Section should be designated for T9 students.

Through a combination of algebraic and geometric concepts this course will enhance mathematical knowledge to prepare students for Algebra I and subsequent high school math courses. Application and problem solving in a real world context and critical thinking are integrated throughout the course. Primary emphasis will be placed on the study of linear relationships and descriptive statistics. The course will also extend students' knowledge of exponents, radicals, operations on real numbers, systems of linear equations and inequalities, and statistical reasoning.

Math credit for Jump Start diploma or elective credit for TOPS University diploma (Prerequisites: previous LEAP Achievement Level - Basic or below; C or below in 8th grade math; teacher or parent recommendation)

Algebra I - 02052G1.0011 - 1 credit

02052B1.0011 is 2nd semester course if paired with Essentials of Algebra (02053B1.0011)

02052G1.0011 is full course in one semester

This course emphasizes the development of a rich understanding of fundamental algebraic ideas in realistic settings. Students will engage in an in-depth study of linear, exponential, and quadratic functions. Additional topics include expressions and equations, relations and functions, arithmetic and geometric sequences, recursion, polynomials, and data analysis.

Required credit for both Jump Start and TOPS University diplomas and culminates with the LEAP 2025 assessment (Prerequisite: Essentials of Algebra if Algebra I course code 02052B1.0011 is selected)

Algebra I Pre-AP® - 02052H1.0011 - 1 credit

In addition to emphasizing the same mathematical concepts as Algebra 1, this course promotes a higher level of mathematical understanding, with technology and other resources used as tools to explore and apply algebraic concepts. With the expectation that students will take Calculus, the structure and questioning in this course guides and supports students on this path.

Substitutes for Algebra I and culminates with the LEAP 2025 assessment (Prerequisite: None)

Elementary Statistics and Geometry Concepts - 02071B1.0011 - 1 credit

1st semester course paired with Geometry (02072B1.0011)

This course covers probability, statistics, and foundational geometry concepts that are prerequisites to the major work comprising geometry. Introductory definitions, structures of reasoning, properties of parallelism and perpendicularity, and transformations reflect the development of study. Students will extend their foundational knowledge through integrated geometric investigations and extension applications.

Math credit for both Jump Start and TOPS University diplomas (Prerequisite: Algebra I)

Geometry - 02072G1.0011 - 1 credit

02072B1.0011 is 2nd semester course if paired with Elementary Statistics and Geometry Concepts (02071B1.0011)

02072G1.0011 is full course in one semester

Geometry is the study of visual patterns and how they describe the physical universe and represent mathematical concepts. Topics include measurement formulas; geometric and spatial visualization; drawing skills; properties of congruence and similarity; proof; right triangle trigonometry; properties of plane and solid figures; and different applications. Students utilize inductive and deductive reasoning and examine concepts from transformational, synthetic, coordinate, and vector approaches.

Math credit for Jump Start diploma, required credit for TOPS University diploma, and culminates with the LEAP 2025 assessment (Prerequisite: Algebra I)

Geometry Pre-AP® - 02072H1.0011 - 1 credit

In addition to emphasizing the same mathematical concepts as Geometry, this course promotes a higher level of mathematical understanding, with technology and other resources used as tools to explore and apply geometric concepts. Complex proofs and other advanced geometric topics are included in this course. With the expectation that students will take Calculus, the structure and questioning in this course guides and supports students on this path.

Substitutes for Geometry and culminates with the LEAP 2025 assessment (Prerequisite: Algebra I)

Algebra II - 02056G1.0011 - 1 credit

This course expands algebraic concepts introduced in Algebra I and Geometry. Primary emphasis will be placed on the study of linear, quadratic, polynomial, rational, radical, exponential, logarithmic, and trigonometric functions and includes applications. Other topics include systems of linear and nonlinear equations and inequalities, polynomials, inverse functions, rational exponents, radical expressions, complex numbers, and data analysis.

Math credit for Jump Start diploma or required credit for TOPS University diploma (Prerequisites: Algebra and Geometry, recommended C or above in each)

Financial Literacy - 02157G1.0011 - 1 credit

This course focuses on mathematical concepts and applications needed for the design and management of personal finances. Financial literacy serves as a foundation for ALL students to learn to make mathematically sound decisions in their roles as consumers, employees, and/or entrepreneurs. This course extends students' knowledge of whole numbers, fractions, decimals, and percents as well as basic statistics, probability, algebra, geometry, and data analysis in the context of real life problem-solving situations. Emphasis is placed on mathematical processes such as consumer information, selling and buying, manual/electronic calculations of payroll, income tax preparations, interest computation, managing income, buying insurance, making sound credit and investment decisions and other items related to personal and business transactions.

Math credit for Jump Start diploma or elective credit for TOPS University diploma (Prerequisite: None)

Business Math - 02154G1.0011 - 1 credit

Business Mathematics is a course of which students learn to use mathematics effectively as a tool in their business life. After students have completed this course, they will be able to apply mathematical concepts in various business situations. Students will review and apply concepts previously learned in Financial Literacy and extend that knowledge through investigations, making business decisions, managing business finances in sales, marketing, accounting, and financial management. Students will use common mathematical formulas in real-world applications as well as apply knowledge of computer and calculator use.

Math credit for Jump Start diploma or elective credit for TOPS University diploma (Prerequisite: Financial Literacy)

Probability and Statistics - 02201G1.0011 - 1 credit

Probability and Statistics is the study of how to collect, organize, analyze, and interpret statistical data. Academic instruction includes descriptive and inferential statistics, elementary probability theory, discrete and continuous probability distributions, random sampling and sampling distributions, point and interval estimation, hypothesis testing and significance testing and linear regression and correlation.

Math credit for both Jump Start and TOPS University diplomas (Prerequisite: Algebra II)

Algebra III - 02057G1.0011 - 1 credit

To further advance a student's study of mathematics, Algebra III is designed for college-bound students who have successfully completed Algebra II. The course includes routine problems requiring advanced algebra and nonroutine problems that require students to demonstrate understanding of concepts. In depth investigations of topics include linear and quadratic equations; inequalities and graphs; algebraic, exponential and logarithmic functions; and other miscellaneous topics. *Students enrolled in Algebra III are required to take the College Algebra CLEP exam at the end of the course at a cost set by the district to cover the test application fee, if any.*

Math credit for both Jump Start and TOPS University diplomas (Prerequisite: Algebra II; ACT math subscore < 19; composite < 19)

College Algebra – Dual Credit + - 02057C1.0011 - 1 credit (3 hours college credit)

This is a dual enrollment course paired with Algebra III. Topics include in-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions; and systems of equations.

This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.

Math credit for both Jump Start and TOPS University diplomas (Prerequisites: Algebra II; meets Dual Enrollment and/or ACT requirements)

Advanced Math – Pre-Calculus - 02105H1.0011 - 1 credit

This course is designed for students who are preparing for a rigorous course in calculus and/or college algebra and trigonometry. Topics include trigonometric/circular functions, graphs/inverses of trigonometric functions, trigonometric identities/equations, vectors, nature of graphs, and polynomial and rational functions. Families of functions are examined from algebraic, numeric, graphic, and verbal perspectives. Graphing calculators are used to reinforce the connection between the four perspectives and to solve problems through visual representations.

Math credit for both Jump Start and TOPS University diplomas (Prerequisites: Algebra II, recommended grade of B or above)

College Advanced Math – Dual Credit + - 02105C1.0011 - 1 credit (3 hours college credit)

This is a dual enrollment course paired with Advanced Math Pre-Calculus. Topics include trigonometric functions and graphs, inverse trigonometric functions, fundamental identities and angle formulas, solving equations, and triangles with applications. Additional topics addressed are vectors, function properties and graphs, inverse functions, and polynomial and rational functions. This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.

Math credit for both Jump Start and TOPS University diplomas (Prerequisite: Algebra II, recommended grade B or better and meets Dual Enrollment and/or ACT requirements)

Calculus + - 02121H1.0011 - 1 credit

1st sem course paired with AP® Calculus AB (02124C1.0011)

This course is designed for students who are preparing for a rigorous course in calculus and/or college algebra and trigonometry, and it extends concepts beyond Advanced Math Pre-Calculus. Topics include systems of equations/inequalities, polar coordinates, conics, series/sequences, statistics and data analysis, and an introduction to limits and the derivative. Thinking, talking, and writing about mathematics are emphasized.

Math credit for TOPS University diploma (Prerequisite: Advanced Math Pre-Calculus)

AP® Calculus AB + - 02124H1.0011 - 1 credit

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP® Calculus AB provides students with an understanding of the concepts of calculus and experience with its methods and applications. This course introduces calculus and include the following topics: functions, graphs, limits, and continuity; differential calculus (including definition, application, and computation of the derivative; derivative at a point; derivative as a function; and second derivatives); and integral calculus (including definite integrals, antidifferentiation, and applications of integrals).

Students enrolled in an AP® course are required to take the AP® Exam at a cost set by the district to cover the test application fee.

Math credit for TOPS University diploma and culminates with the AP® Calculus AB Exam (Prerequisites: It is highly recommended that students take both Advanced Math-PreCalculus and Calculus+ prior to taking Calculus AB.)

AP® Calculus BC + - 02125H1.0011 - 1 credit

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP® Calculus BC courses provide students with an understanding of the concepts of calculus and experience with its methods and applications. These courses cover all of the calculus topics in AP Calculus AB as well as the following topics: parametric, polar, and vector functions; polynomial approximations and series, including series of constants and Taylor series.

Students enrolled in an AP® course are required to take the AP® Exam at a cost set by the district to cover the test application fee.

Math credit for TOPS University diploma and culminates with the AP® Calculus BC Exam (Prerequisites: Prior or concurrent enrollment in AP® Calculus AB.)

College Calculus I [AP® Calculus AB] + - 02124C1.0011 - 1 credit (3 hours college credit)

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP® Calculus AB provides students with an understanding of the concepts of calculus and experience with its methods and applications. This course introduces calculus and include the following topics: functions, graphs, limits, and continuity; differential calculus (including definition, application, and computation of the derivative; derivative at a point; derivative as a function; and second derivatives); and integral calculus (including definite integrals, antidifferentiation, and applications of integrals).

This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.

Students enrolled in an AP® course are required to take the AP® Exam at a cost set by the district to cover the test application fee.

Math credit for TOPS University diploma and culminates with the AP® Calculus AB Exam (Prerequisites: Meets dual enrollment requirements; highly recommended that students take both Advanced Math-PreCalculus and Calculus+ prior to taking Calculus I.)

College Calculus II [AP® Calculus BC] + - 02125C1.0011 - 1 credit (3 hours college credit)

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP® Calculus BC courses provide students with an understanding of the concepts of calculus and experience with its methods and applications. These courses cover all of the calculus topics in AP Calculus AB as well as the following topics: parametric, polar, and vector functions; polynomial approximations and series, including series of constants and Taylor series.

This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.

Students enrolled in an AP® course are required to take the AP® Exam at a cost set by the district to cover the test application fee.

Math credit for TOPS University diploma and culminates with the AP® Calculus BC Exam (Prerequisites: Meets dual enrollment requirements; prior or concurrent enrollment in Calculus II.)

AP® Statistics + - 02203H1.0011 - 1 credit

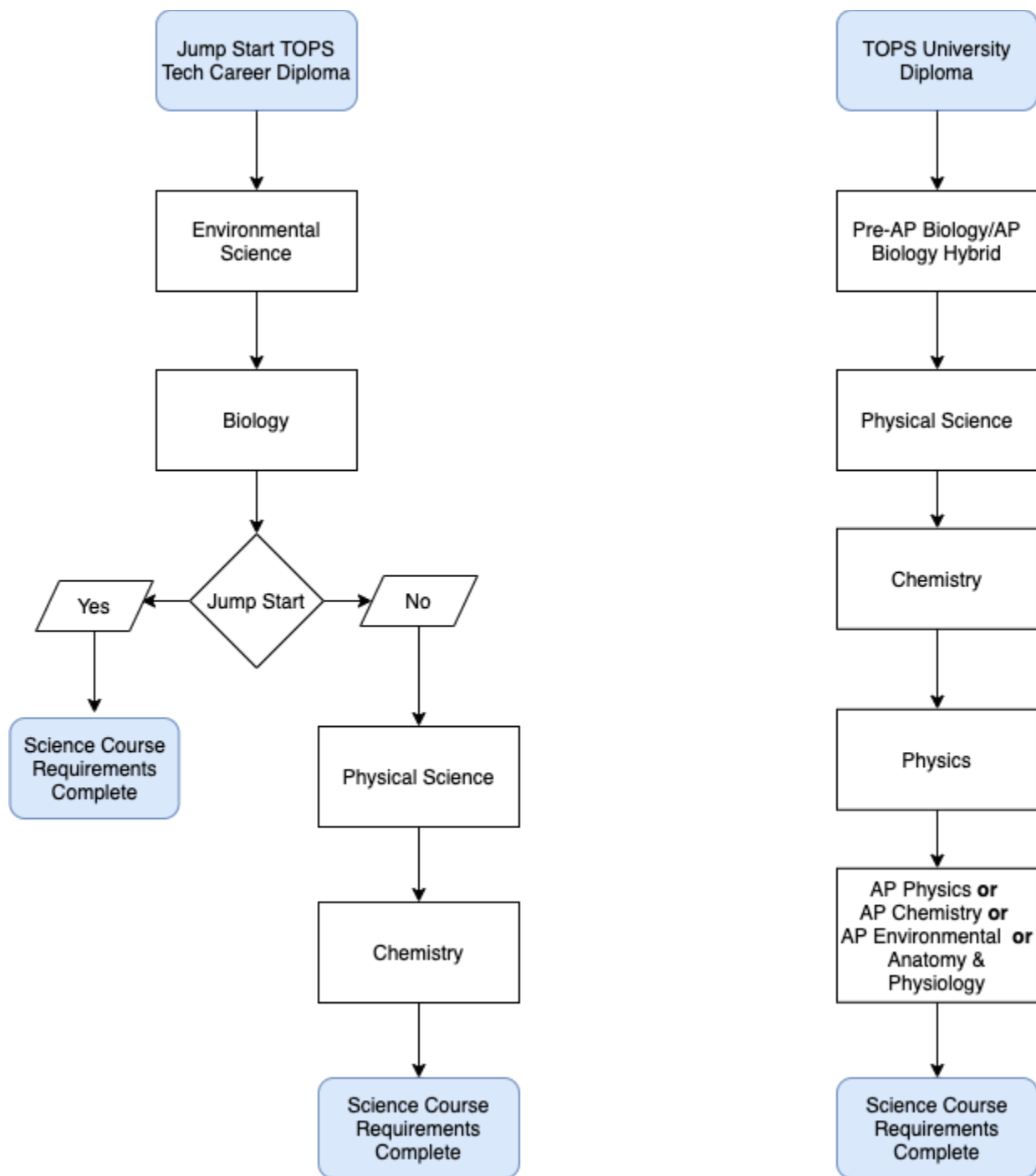
The purpose of the AP® course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1) Exploring Data: Describing patterns and departures from patterns; 2) Sampling and Experimentation: Planning and conducting a study; 3) Anticipating Patterns: Exploring random phenomena using probability and simulation; and 4) Statistical Inference: Estimating population parameters and testing hypotheses.

Math credit for TOPS University diploma and culminates with the AP® Statistics Exam (Prerequisites: Algebra II. Students enrolled in an AP® course are required to take the AP® Exam at a cost set by the parish to cover the test application fee.)

Applied Mathematics I**Applied Mathematics II****Applied Mathematics III****Applied Mathematics IV**

A student must have been evaluated and meet criteria according to the *Pupil Appraisal Handbook* to be eligible for these courses. Applied Mathematics I/II/III/IV courses focus on core mathematics content as defined by ESEA for students participating in LEAP Alternate Assessment. Instruction may be integrated with other core content areas. A variety of high- and low-tech individual adaptations and modifications may be utilized in order for students to access the content area. Adaptations may be multi-sensory and multimodality in nature.

SCIENCE PATHWAYS



SCIENCE

Biology - 03051G1.0011 - 1 credit

Biology is the study of living organisms and the functions of their systems, with an emphasis on the interactions of those systems with the environment. Other themes included are genetics, evolution, reproduction, and taxonomy. The scientific process is stressed.

Biology is required for both Jump Start and TOPS University diplomas. (can substitute with Biology Pre AP). Culminates with the Biology LEAP 2025 exam. (Prerequisite: None)

Biology Pre AP - 03051H1.0011 - 1 credit

This course combines the topics in Biology with a more in-depth approach to key concepts. A science fair project is required. Special projects, guest speakers, field trips, and competitive academic events are encouraged.

Biology is required for both Jump Start and TOPS University diplomas. Culminates with the Biology LEAP 2025 exam. Course eligible for the Expanded Grading Scale. (Prerequisite: None)

Biology II + - 03052H1.0011- 1 credit

This course is designed for students who have an adequate background in biology but want to know more. Topics include cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, behavior and ecology, and anatomy and physiology. It emphasizes laboratory-centered activities, research and advanced laboratory techniques. A science fair project is required.

Maximum class enrollment is 28 students due to national fire safety regulations.

Course is eligible for the Expanded Grading Scale. TOPS Core eligible course. (Prerequisites: Algebra I, Biology, Chemistry or currently enrolled)

College Biology I + / Lab – Dual Credit + - 03052C1.0012 - 1 credit (4 hours college credit)

This is the first course in a two-part introduction to basic biological principles for the science major. Topics include scientific method; general concepts and principles of biological molecules, cell structure and function; genetics.

Course eligible for the Expanded Grading Scale. TOPS Core and Jump Start TOPS Tech eligible course. This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by the student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee. (Prerequisites: Algebra I, Biology, Chemistry or currently enrolled, on track for TOPS, 11th or 12th grader, see Dual Enrollment Requirements)

College Biology II +/ Lab – Dual Credit + - 03052C1.0022 - 1 credit (4 hours college credit)

This is the second course in a two-part introduction to basic biological principles for the science major. Topics include ecosystems, evolution, systematics, and basic physiology.

Course eligible for the Expanded Grading Scale. TOPS Core and Jump Start TOPS Tech eligible course. This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by the student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee. (Prerequisites: Algebra I, Biology, Chemistry or currently enrolled, on track for TOPS, 11th or 12th grader, see Dual Enrollment Requirements)

AP Biology + - 03056H1.0011 - 1 credit

AP Biology is a college-level course that follows The College Board curriculum. It focuses on the development of a conceptual framework for modern biology and an appreciation of science as a process. Topics include cell biology, biochemistry, biological diversity, plant and animal diversity, plant and animal physiology, metabolism and respiration, response of organisms to the environment, and behavior. Maximum class enrollment is 28 students due to national fire safety regulations.

Course eligible for the Expanded Grading Scale. (Prerequisites: Algebra I, Biology, Chemistry or currently enrolled. Students enrolled in an AP course are required to take the AP Exam at a cost set by the parish to cover the test application fee.)

Chemistry - 03101G1.0011 - 1 credit

Chemistry is the mathematics- based study of matter, chemical composition and structure, and the changes they undergo. Laboratory experimentation complements classroom instruction. Maximum class enrollment is 28 students due to national fire safety regulations.

Chemistry is required for a TOPS University diploma Jump Start TOPS Tech eligible course. (Prerequisite: Algebra II or currently enrolled)

Chemistry Pre-AP + - 03101H1.0011 - 1 credit

In addition to the topics in Chemistry, this course emphasizes the causes and effects of chemical processes and their analytical relationships. Students are required to complete a science fair project. Maximum class enrollment is 28 students due to national fire safety regulations.

Chemistry is required for a TOPS University diploma. Jump Start TOPS Tech eligible course. Course eligible for the Expanded Grading Scale. (Prerequisites: Algebra II or currently enrolled)

AP Chemistry + - 03106H1.0011 - 1 credit

This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, as freshmen, second-year work in the chemistry sequence at their institution or to register for courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses.

TOPS Core and Jump Start TOPS tech eligible course. Course eligible for the Expanded Grading Scale. (Prerequisites: AP criteria (A or B in related course(s), Teacher Recommendation, and cumulative GPA of 3.0 or better. Students enrolled in an AP course are required to take the AP Exam at a cost set by the parish to cover the test application fee.)

College Chemistry I + - 03106C1.0012 - 1 credit (3 hours college credit)

This course includes the fundamental laws, modern theories, and principles of chemistry with emphasis on atomic structure, periodicity, bonds, thermochemistry, molecular geometry, gas laws, solutions, and stoichiometry. This course is intended for science and engineering curricula.

Course eligible for the Expanded Grading Scale. TOPS Core and Jump Start TOPS Tech eligible course. This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by the student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee. (Prerequisite: Pre-AP Chemistry, on track for TOPS, 11th or 12th grader, see Dual Enrollment requirements)

College Chemistry II + - 03106C1.0022 - 1 credit (3 hours college credit)

This course includes the fundamental laws, modern theories, and principles of chemistry with emphasis on reaction kinetics and equilibrium, thermodynamics, electrochemistry, nuclear chemistry, and the chemistry of metals and nonmetals. This course is intended for science and engineering curricula.

Course eligible for the Expanded Grading Scale. TOPS Core and Jump Start TOPS Tech eligible course. This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by the student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee. (Prerequisite: Pre-AP Chemistry, on track for TOPS, 11th or 12th grader, see Dual Enrollment requirements)

Environmental Science - 03003G1.0011 - 1 credit

Environmental Science is the study of how humans affect the environment and how it affects us. It involves not just individuals, but communities, businesses, and governments—often with competing interests. This course focuses on the atmosphere, lithosphere, and hydrosphere and how changes in these areas might impact living organisms in the environment. It introduces the study of ecology as it focuses upon major ecosystem types and the interrelationships among and between populations and their abiotic environment. It also emphasizes the use and conservation of natural resources, concepts of renewable and non-renewable energy resources, as well as Louisiana's natural resources. Environmental awareness, water and air quality, hazardous waste, risk management, and environmental protection policy are also considered.

TOPS Core and Jump Start TOPS Tech eligible course. (Prerequisite: None)

AP Environmental Science + - 03207H1.0011 - 1 credit

Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. The following themes provide a foundation for the structure of the AP Environmental Science course: Science is a process; Energy conversions underlie all ecological processes; The Earth itself is one interconnected system; Humans alter natural systems; Environmental problems have a cultural and social context; and Human survival depends on developing practices that will achieve sustainable systems.

TOPS Core and Jumpstart TOPS Tech eligible course. Course eligible for the Expanded Grading Scale. (Prerequisites: AP criteria (A or B in related course(s), Teacher Recommendation, and cumulative GPA of 3.0 or better. Students enrolled in an AP course are required to take the AP Exam at a cost set by the parish to cover the test application fee.)

Earth Science - 03008G1.0011 - 1 credit

Earth Science is a study of the earth with an emphasis on types of rocks and minerals and the processes that form them: weathering erosion processes, earthquakes, volcanoes, and mountain-building processes. It also includes an examination of the influence of plate movements on the physical history of the earth.

TOPS Core and Jump Start TOPS Tech eligible course. (Prerequisite: None)

Human Anatomy and Physiology - 03053G1.0011 - 1 credit

This course emphasizes the principles of human anatomy and physiology, including the structure and function of the organ systems of the human body. It begins with a study of cell structure and physiology and the microscopic structure of tissues.

Course eligible for the Expanded Grading Scale. (Prerequisite: Biology)

College Human Anatomy and Physiology + - 03053C1.0011 - 1 credit

A dual enrollment course designed to emphasize the principles of human anatomy and physiology, including the structure and function of the organ systems of the human body. It begins with a study of cell structure and physiology and the microscopic structure of tissues.

Course eligible for the Expanded Grading Scale. (Prerequisite: Biology) This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by the student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.

Physical Science - 03159G1.0011 - 1 credit

Physical Science is the study of the properties of matter, mechanics, heat, sound, light, electricity, and magnetism. Scientific process skills are emphasized through hands-on experiences.

TOPS Core and Jump Start TOPS Tech eligible course. (Prerequisite: None)

Physics - 03151G1.0011 – 1 credit

This course emphasizes graphical and algebraic solutions to real-life problems. Topics include mechanics, properties of matter, heat, sound, light, electricity, and magnetism. Laboratory experiences enhance the understanding of concepts.

TOPS Core and Jump Start TOPS Tech eligible course. (Prerequisite: Advanced Math or currently enrolled, Chemistry)

AP Physics I + - 03165H1.0011 - 1 credit

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This course requires that 25% of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

TOPS Core and Jump Start TOPS Tech eligible course. Course eligible for the Expanded Grading Scale. (Prerequisites: Advanced Math or currently enrolled. Students enrolled in an AP course are required to take the AP Exam at a cost set by the parish to cover the test application fee.)

Science and Medicine: Academic Research Training (SMART I and II) + 03052H1.0011S and 03102H1.0011- 2 credits

The **SMART** program is designed for advanced students who are interested in careers in medicine, research or biomedical engineering. They participate in intensive research projects led by physicians and staff at LSUHSC and NW Louisiana Biomedical Research Foundation.

Course eligible for the Expanded Grading Scale. (Prerequisites: Application, minimum ACT score of 28, A or B in science courses, Chemistry, Physics or currently enrolled)

Forensic Science - 03214G1.0011 - 1 credit

Students in Forensic Science will use scientific analysis to resolve legal disputes. From analysis of forged documents or fingerprints to DNA profiling, this course is cutting edge. Serological assays, DNA analysis, and other molecular biology techniques will be emphasized. The extensive laboratory component will build on and complement biotechnology skills and techniques introduced in Survey of Biotechnology. This course is taught fall term only.

Prerequisite: Biology with a C or better, Co-requisite: Chemistry with a C or above)

Applied Science Instruction in core Science content as defined by ESEA for students participating in LEAP Alternate Assessment. Instruction may be integrated with other core content areas. A variety of high- and low-tech individual adaptations and modifications may be utilized in order for students to access the content area. Adaptations may be multi-sensory and multimodality in nature.

Applied Science I - 03990X1.0014

Applied Science II - 03990X1.0024

Applied Science III - 03990X1.0034

Applied Science IV - 03990X1.0044

STEM

Cyber Science I (Independent Study in Technology Applications) - 10020G1.0034 - 1 credit

This course offers students a dynamic, project-based curriculum that leverages the power of technology (a Parallax Boe-Bot) to explore science, technology, engineering and math concepts. In addition, the course incorporates 21st Century Skills – problem solving, analytical thinking, creativity, communication, and innovation – that will prepare students to think broadly as they solve specific challenges. This “Cyber Science” course serves as a “foundational” course to future studies in Computer Science, Cyber Security, Digital Forensics, and Animation & Visual Effects.

Cyber Literacy – 10020G1.0014 - 1 credit

Cyber Literacy is a first-year cyber engineering course that lays the foundation for future study in the areas of cyber, cyber security, cyber engineering, and the ethics of work in cyber. Students will have the opportunity to earn the COMPTIA IT Fundamentals certification.

Cyber Literacy II- 10020G1.0024 - 1 credit

Cyber Literacy II builds upon the content that is presented in Cyber Literacy. Students take a deep dive into cyber engineering in this course as they discuss more important ethical considerations that center on the debate of privacy vs security. (Upon completion of this course students will earn the industry based credential-Comp TIA IT Fundamentals.)

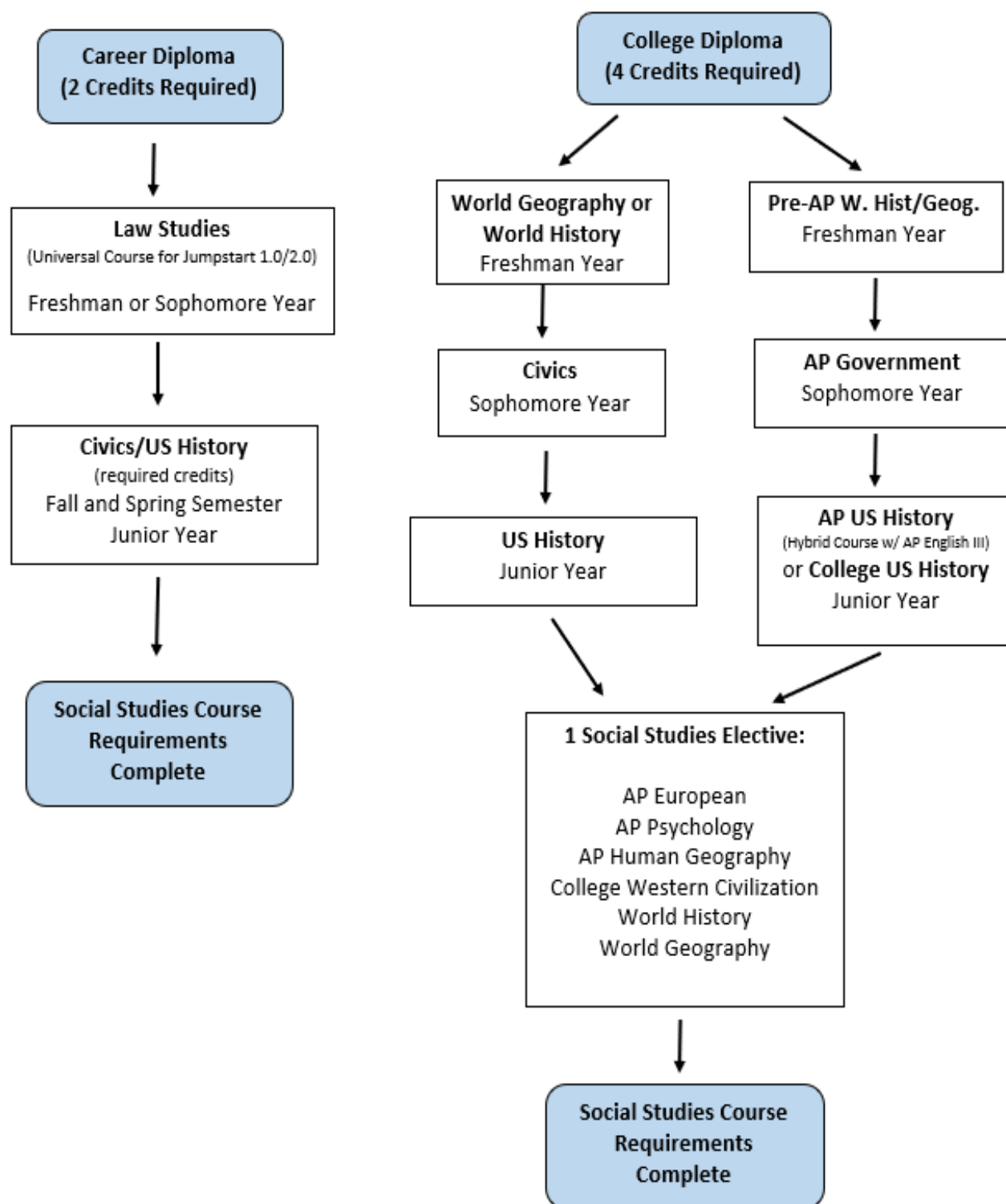
Cyber Society - 10020G1.0044 - 1 credit

Cyber Society is a set of liberal arts units designed to introduce students to how the world of cyber affects their lives every day. The skills they learn from these modules will help them be more confident in how they interact with the ever-growing and connected world around them. The modules throughout this course will better prepare students to become educated members of the future cyber workforce.

Introduction to Remote Controlled Vehicle Technologies - 21053G1.0011 - 1 credit

The Introduction to Remote Controlled Vehicle Technologies course will utilize realistic scenarios that incorporate skills and concepts to prepare students for the FAA Part 107 Remote Pilot certification. Earning the certification will give students an edge on gaining employment in disciplines such as science, technology, engineering and mathematics (STEM). These job areas include digital media, public safety, infrastructure inspection, crime scenes and forensics, search and rescue, emergency management and disaster relief, agricultural monitoring, telecommunications, entertainment, environmental monitoring, oil and gas, construction, and real estate.

SOCIAL STUDIES PATHWAYS



SOCIAL STUDIES

United States History - 04103G1.0011 - 1 credit

U.S. History covers key people and events in U.S. history from the end of Reconstruction through the present. Major topics of consideration include U.S. political and economic development, significant national and international conflicts, and influential social movements. Students will be responsible for readings, participation, projects, and assessments. Among the skills taught in this course include primary as well as secondary source analysis. Students will also analyze events within historical content and examine information contained in graphic materials such as maps, graphs, charts, photographs, and cartoons.

U.S. History is required for both Jump Start and TOPS University diplomas (can substitute with AP U.S. History). Culminates with the U.S. History LEAP 2025 Exam. (Prerequisite: None)

AP United States History + - 04104G1.0011 – 1 credit

AP United States History is a college-level course which follows the College Board curriculum. The course is designed to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students learn to assess historical materials and to weigh the evidence and interpretations presented in those materials. Students enrolled in this course are expected to develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. This course will involve a serious commitment on the part of the student to complete outside readings and assignments covering the period of United States History from discovery to the present.

Additionally, this course culminates with the U.S. History LEAP 2025 Exam. (Prerequisites: None; *Students enrolled in an AP course are required to take the AP Exam at a cost set by the parish to cover the Test Application Fee*)

College United States History + - 04101C1.0011- 1 credit

College United States History is a college-level course that surveys the development of U.S. History from Reconstruction through the present time. Topics include The Settlement of the West, Industrialization and Immigration, Progressive Era, Roaring 20s and the Great Depression, WWI and WWII, the Korean Conflict and Vietnam, and the Civil Rights movement. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students learn to assess historical materials and to weigh the evidence and interpretations presented in those materials. Students enrolled in this course are expected to develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. This course will involve a serious commitment on the part of the student to complete outside readings and assignments covering the period of United States History from discovery to the present.

Meets requirements for TOPS University diploma. (Prerequisites: 11th grade) This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.

Civics – 04161G1.0011 - 1 credits

Civics emphasizes the responsibilities of a citizen in a democratic society and the basic attitudes and understanding necessary for citizenship. Topics include the Constitution, the three levels of government, current events, politics, elections, the law studies judicial system, and state and local government. Civics is required for both Jump Start and TOPS University diplomas. (Prerequisite: None)

AP U.S. Government and Politics + – 04159G1.0011 - 1 credit

The AP Government & Politics: United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. While there is no single approach that an AP Government & Politics: United States course must follow, certain topics are generally covered in college courses. (Prerequisites: None; Students enrolled in an AP course are required to take the AP Exam at a cost determined by the parish to cover the Test Application Fee)

Law Studies - 04162G1.0011 - 1 credit

Law Studies is the study of U.S. laws that are practical and relevant to student's lives. It is designed to empower young people to be active, engaged citizens. This course is a universal Jump Start course for 1.0 and 2.0 (Prerequisite: none)

Psychology – 04254G1.0011 - 1 credit

Psychology is a study of basic fundamentals and principles associated with human behaviors. (Prerequisite: None)

AP Psychology – 04256H1.0011 - 1 credit

AP Psychology is a college-level course which follows The College Board curriculum. It is designed to introduce students to the systematic and scientific study of human behavior and mental processes. Students are exposed to psychological facts, principals, and phenomena associated with each major subfield within psychology. They also learn about ethics and methods used by psychologists in their science and practice. **Meets requirements for TOPS University diploma.** (Prerequisite: 11th or 12th grade; Students enrolled in an AP course are required to take the AP Exam at a cost determined by the parish to cover the Test Application Fee)

Sociology – 04258G0.5011/04258G1.0011 - ½ or 1 credit

Sociology is a study of basic fundamentals and principles associated with group behaviors: family, church, school, community, and occupation. It emphasizes the ideas, attitudes, agreements, communication, conflicts, and cooperation that occur within a society. (Prerequisite: None)

College Cultural Diversity - 04259C1.0011 - 1 credit

Race, Ethnicity, and Gender - Adapted from the bestselling *Race, Ethnicity, Gender, and Class* by Joseph F. Healey and Andi Stepnick, *Diversity and Society* provides a brief overview of inter-group relations in the U.S. In ten succinct chapters, Healey and Stepnick explain concepts and theories about dominant-minority relations; examine historical and contemporary immigration to the U.S.; and narrate the experiences of the largest racial and ethnic minorities. **TEXT:** Healey, Joseph F. *Diversity and Society: Race, Ethnicity and Gender* 6th Edition Sage Publications.

World Geography - 04001G1.0011 - 1 credit

Every Bossier Parish student must earn 1 credit in World Geography unless he/she transfers to a Bossier Parish school from outside the parish with 1 credit in World History. World Geography is the study of the world's peoples, places, and environments, with a focus on world regions. Particular emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives. Course also includes the study of the relationships between the earth's people and their physical environments, application of map skills, and the physical and cultural features of the different world regions. **Meets requirements for TOPS University diploma.** (Prerequisite: None)

Pre-AP World History and Geography + - 04052H1.0011 - 1 credit

Pre-AP Geography and World History explores the relationship between geography and world history. Students will learn to be geographers and historians, evaluating the geological factors that influence patterns of human settlement and societies around the globe. With an emphasis on material culture, this course will help students develop an understanding of how natural resources affected the relationship between various peoples throughout history. This course also prepares students for future work in Advanced Placement social studies. **Meets requirements for TOPS University diploma** (Prerequisite: None)

AP Human Geography + – 04004G1.0011 - 1 credit

AP Human Geography is a rigorous Advanced Placement course that focuses on theoretical and practical applications in the field of geographic inquiry. It provides students with the opportunity for hands-on, in-depth study of human geography through classroom discussion, cooperative activities, technology activities, cartography, readings, lab work, and outside research and fieldwork. **Meets requirements for TOPS University diploma.** (Prerequisites: None; Recommended 11th or 12th Grade. Students enrolled in an AP course are required to take the AP Exam at a cost determined by the parish to cover the Test Application Fee)

World History -04053G1.0011 - 1 credit

World History includes people, events, and institutions throughout the world and integrates all social studies disciplines within the framework of universal human values. It provides a balanced, broad view of the people and events of the past with an emphasis on the eras since the 1500s. Students will also analyze events within historical content and examine information contained in graphic materials such as maps, graphs, charts, photographs, and cartoons. **Meets requirements for TOPS University diploma.** (Prerequisite: None)

AP European History + – 04056G1.0011 - 1 credit

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. (Prerequisites: 11th or 12th grade. Students enrolled in an AP course are required to take the AP Exam at a cost determined by the parish to cover the Test Application Fee) **Meets requirements for TOPS University diploma.**

College Western Civilization + - 04053C1.0011 - 1 credit

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with historical evidence. Topics include some of the principal themes in European history, political and diplomatic history, intellectual and cultural history, social and economic history. **Meets requirements for TOPS University diploma.** (Prerequisites: 11th or 12th grade) **This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.**

Contemporary Issues (LAA-1 Students only)

To be eligible for these courses a student must have been evaluated and meet criteria according to the Pupil Appraisal Handbook.

Level II

This course includes skills that lead to the development of responsible citizenship such as obtaining housing, voting, and abiding by state, local and federal laws.

Level III

This course emphasizes the importance of using community resources and basic geography skills. This course provides the students with skills required to read and interpret local, state, and national maps. The identification and location of adult service agencies is stressed.

Applied Social Studies Instruction in core social studies content as defined by ESEA for students participating in LEAP Alternate Assessment. Instruction may be integrated with other core content areas. A variety of high- and low-tech individual adaptations and modifications may be utilized in order for students to access the content area. Adaptations may be multi-sensory and multimodality in nature.

Applied Social Studies I - 04990X1.0014

Applied Social Studies II - 04990X1.0024

Applied Social Studies III - 04990X1.0034

Applied Social Studies IV - 04990X1.0044

AIR FORCE JUNIOR ROTC COURSE DESCRIPTIONS

Note: All elective AFJROTC courses consist of an Aerospace Science (AS) course (40% of class time), a Leadership Education (LE) course (40%) and the Wellness program (20%). Core credit classes will emphasize the source course material 60% of time, with 40% devoted to the other component (AS or LE).

Note: Bossier Parish AFJROTC units have the prerogative to adjust LE training to meet the needs of the student. In such circumstances, the LE portion of the AS courses will be designed to match the student's previous JROTC LE training to ensure appropriate progression.

With the exception of Health, Civics, and World Geography, a maximum of (4) four credits of AFJROTC may be used to satisfy graduation requirements. One, Two, Three, and four hundred level AFJROTC courses may be used to satisfy P.E. graduation requirements.

AEROSPACE SCIENCE

AFJROTC – Health - 08051G0.5011JROTC - 1/2 credit

This course emphasizes knowledge, skills, and understanding that enable students to develop healthy lifestyles as they move from adolescence to adulthood. Wellness and Fitness from the Leadership Education material is used as the basis for this course. School textbooks and internet resources are also used to supplement the objectives of this course.

AFJROTC Civics – 04161G1.0011JROTC - 1 civics credit

This course focuses on the foundations of government and elements of good citizenship. It describes the organization and operation of government on the local, state, and national levels. Students will be exposed to the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States. Students will learn rights and responsibilities of citizens at all levels of government. Aerospace Science describes the US Air Force's role in shaping United States foreign policy.

AFJROTC Leadership Laboratory – 09155G1.0011 - ½ credit

This summer course prepares students to develop skills that will enable cadets to assume leadership positions in AFJROTC. This is an 8-day summer camp conducted on-campus by parish AFJROTC instructors. The course combines aerospace science and leadership instruction with an emphasis on group dynamics. The wellness component aids cadets in developing a healthy lifestyle through physical activity and proper nutrition. (Prerequisite: 1 year in AFJROTC, Top 10 % of AFJROTC class, no physical restrictions to preclude complete participation in all aspects of the program, and recommendation of the Senior Aerospace Science Instructor)

AFJROTC – Career Readiness - 09151G1.0022 - ½ credit

Note: Approved Universal Jump Start Course, cross walks to Education for Careers. This character development course emphasizes the transition into high school and later life. The primary focus is on the development of character values and behaviors that help students become responsible and productive members of society. The foundations of citizenship, military organizations, and our National Government structure are also examined in this course.

AFJROTC 100 - Aviation History/Leadership Education - 09151G0.5012 - 1 credit

This history course focuses on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation. The Leadership Education portion introduces cadets to AFJROTC, providing a basis for progression through the rest of the program while instilling elements of good citizenship. The physical training portion of the course provides cadets a wellness minded program offering substantial individual health improvements **Note:** Schools have the option to divide this course into a Part A and Part B for ½ credit each as long as it is paired with AFJROTC Health and/or AFJROTC Student Responsibilities.

AFJROTC 220 - Global and Cultural Studies - 09152G1.0023 - 1 credit

(Course # changed from 200 to 220 to match AF Course number) This course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns and human rights. It looks at major events and significant events that have shaped each region. Leadership Education stresses communications/personal awareness skills and how to apply them to cadet corps activities. The PT portion of the course provides cadets a wellness minded program offering substantial individual health improvements.

AFJROTC 200 – Science of Flight - 09152G1.0013 - 1 credit

(Course # changed from 210 to 200 to match AF Course Number) This second year course that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses. The Leadership Education portion is designed to develop citizens of character by developing and understanding group and team dynamics and preparing one's self for leadership roles. The PT portion of the course provides cadets a wellness minded program offering substantial individual health improvements.

AFJROTC 200C: Science of Flight and Cyber Security - 10020G1.0034ROTC - 1 credit

This is an introductory Aerospace Science course focused on both basic aviation science and cyber security principals. The aviation section (18 hrs) is dedicated on how airplanes fly, how weather conditions affect flight, influences of the aerospace environment on the human body, and flight navigation while the cyber security section (18 hrs) is focused on studying and completing at least two JUMPSTART pathway certificate requirements in computer science. The Leadership Education portion is designed to develop citizens of character by developing and understanding group and team dynamics and preparing one's self for leadership roles. The PT portion of the course provides cadets a wellness minded program offering substantial individual health improvements. Pre-requisites: AS 100

AFJROTC 300 - Exploring Space Part 1 - 09153G1.0012 - 1 credit

Note: Students who meet dual enrollment qualifications may receive 3 credit hours of College Finance. **Note:** Approved Universal Jump Start Course. The course begins with the study of the space environment from the earliest days of interest in astronomy and early ideas of the heavens, through the Renaissance, and on into modern astronomy. It provides an in-depth study of the Earth, Sun, stars, Moon, and solar system, including the terrestrial and outer planets. It discusses issues critical to travel in the upper atmosphere such as orbits and trajectories, unmanned satellites, and space probes. Leadership Education provides information on how to begin the job search. Additionally, information about financial planning, how to save, invest, and spend money wisely, as well as how not to get caught in the credit trap are discussed. The PT portion of the course provides cadets a wellness minded program offering substantial individual health improvements.

AFJROTC 300A Exploring Space Part II - 09153G1.0022 - 1 credit

Note: Students who meet dual enrollment qualifications may receive 3 credit hours of College Success Skills. **Note:** Approved Universal Jump Start Course; these students may substitute as Education for Careers. This course continues by investigating the importance of entering space. It discusses manned and unmanned space flights while focusing on concepts surrounding spaceflight, vehicles, launch systems, and missions in space. The section on manned spaceflight focuses on the Space Shuttle, space stations and beyond, covering milestones in the endeavor to land on the Moon and to safely orbit humans and crafts. The course covers the human aspect of spaceflight, and examines the latest advances in space technology. Leadership Education provides information on how to apply for college or a technical school. The job search process, resume writing, interviewing techniques and career paths are examined as well. The PT portion of the course provides cadets a wellness minded program offering substantial individual health improvements **Note:** Schools have the option to combine portions of AFJROTC 300 and 300A into one course for 1 credit, Universal Jumpstart course.

AFJROTC 400 (Part 1) – Management of the Corps - 09154G1.0013 - 1 credit

Note: Approved Universal Jump Start Course. Cadets in this course manage the corps by serving in leadership positions. The academic hands-on experience portion affords cadets the opportunity to put the theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets. The LE course provides exposure to the fundamentals of management. The text contains many leadership topics and skills needed to help cadets practice what they have learned during their time in AFJROTC. The PT portion of the course provides cadets a wellness minded program offering substantial individual health improvements. (Prerequisite: Senior Aerospace Science Instructor approval)

AFJROTC 400A (Part 2) – Management of the Corps - 09154G1.0023 - 1 credit

Note: Students who meet dual enrollment qualifications may receive 3 credit hours of College Principles of Management. **Note:** Approved Universal Jump Start Course; however, only one 400 Level ROTC course may be used for Jump Start credit. This is a continuation course where cadets manage the corps by serving in leadership positions. The academic hands-on experience portion affords cadets the opportunity to put the theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets. The LE course provides exposure to the fundamentals of management. The text contains many leadership topics and skills needed to help cadets practice what they have learned during their time in AFJROTC. The PT portion of the course provides cadets a wellness minded program offering substantial individual health improvements. (Prerequisite: Senior Aerospace Science Instructor approval)

AFJROTC 410 Aerospace Science– Survival – 09154G1.0033 - (1 credit)

Note: Approved Universal Jump Start Course; however, only one 400 Level ROTC course may be used for Jump Start credit. This course synthesizes basic survival information found in Air Force Survival Training. The course provides training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. Survival also presents “good to know” information that would be useful in any situation. The information is just as useful to an individual lost hunting, stranded in a snowstorm or dealing with the impact of a natural disaster. The LE is designed for students to build upon previous drill, ceremony and leadership courses and focus on the fundamentals of management, managing themselves and others. The physical training portion of the course provides cadets a wellness minded program offering substantial individual health improvements. A field evaluation is required. (Prerequisite: Senior Aerospace Science Instructor approval)

AFJROTC World Geography - 04104G1.0011JROTC - 1 credit (*Parkway only*)

AFJROTC World Geography introduces students to the world’s cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, education, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Leadership Education stresses communications/personal awareness skills and how to apply them to cadet corps activities.

AFJROTC 500: Aviation Ground School - 09155H1.0011 - (1 credit) (*Benton only*)

This course offers a foundation for students interested in receiving a private pilot’s license. The material covered is an advanced, more in-depth study of aerospace topics. This course prepares students to pass the Private Pilot Written Examination. It explores FAR/AIMs, basic navigation (pilotage/ dead reckoning/ radio), aviation physiology & safety, and emergency procedures. The Private Pilot Manual is the primary source for initial study and review. When the course is completed students should be prepared to take and pass the Federal Aviation Administration written examination per requirements of the Federal Aviation Regulations. (Prerequisite: Senior Aerospace Science Instructor approval, a junior or senior student who has demonstrated potential and aptitude, and the student must have successfully taken AFJROTC 200: The Science of Flight)

TRANSITION COURSES

Experiences as defined by ESEA for students participating in LEAP Alternate Assessment

Transition - Foundations of Employment Skills - 22151X1.0014 - 1 credit

This course is designed to introduce students to the transition services planning process. NOTE: Must be taken before or in conjunction with other transition courses for students on the LAA 1 pathway to a Career Diploma.

Community Based Instruction -

Instruction that is provided off of the school campus in locations within the community. The instruction is tied to goals and objectives on the student's IEP.

Transition - Employment Sampling - 22152X1.0014 - 1 credit

This course is designed to introduce students to a variety of occupations aligned with the 16 National Career Cluster Pathways.

Transition - Employment - 22153X1.0014 - 1 credit

This course is designed to allow students to apply the skills obtained in Employment Sampling on actual job sites.

Transition - Education/Training - 22998X1.0014 - 1 credit

This course is designed to address skills that prepare students to actively explore post-secondary education options.

Transition: Independent Living - 22251X1.0014 - 1 credit

This course is designed to address those skills or tasks that contribute to successful independent functioning in adulthood.

HEALTH AND PHYSICAL EDUCATION

A maximum of (4) four credits of Physical Education (I, II, III, and IV ONLY) may be used to satisfy graduation requirements.

AFJROTC I, II, or III may be used to satisfy P.E. graduation requirements.

Health Education – 08051G0.5011 - ½ credit

This course emphasizes knowledge, skills and understanding that enable students to develop healthy lifestyles as they move from adolescence to adulthood.

****A total of ½ credit of physical education may be earned by participating in marching band, extracurricular sports, cheering, or dance team.**

Physical Education I and II - 1 credit each

These courses include instruction in sports skills, recreational activities, individual and team sports, and health-related fitness. The curriculum enables students to understand the lifelong benefits of a physically active lifestyle. (*Prerequisites: None*)

Physical Education III and IV - 1 credit each

These courses include instruction in sports skills, recreational activities, individual and team sports, and health-related fitness. The curriculum enables students to understand the lifelong benefits of a physically active lifestyle.

Lifetime Fitness - 08016G1.0011 - 1 credit

Lifetime Fitness emphasizes health and nutrition, weight and flexibility training, aerobic fitness, and endurance. Pre/post analysis of weight, body fat, cholesterol, blood pressure, and glucose are included. (*Prerequisite: Consent of instructor*)

Adapted Physical Education- To be eligible for this course a student must have been evaluated and meet criteria according to the *Pupil Appraisal Handbook*. Adapted Physical Education is an alternative to physical education for students with disabilities who meet the specified criteria in *Pupil Appraisal Handbook*. Training includes exercises in weights, sport skills, stretching, and various types of manipulative skills.

Weights and Conditioning - 08009G1.0013 - 1 credit

This course introduces students to basic weight lifting and conditioning principles, including beginning techniques, weight room safety, weight strength building, coordination, and cardiovascular fitness. It provides an opportunity for students to develop a quality of physical fitness that may continue as a lifetime fitness maintenance plan. (*Prerequisites: PE I and II, consent of instructor*)

Intermediate Weights and Conditioning -08009G1.0023 - 1 credit

This course introduces students to intermediate weightlifting and conditioning principles, including strength building, coordination, and cardiovascular fitness. It enables students to build on a quality of fitness that may endure throughout adult life. (*Prerequisites: PE I and II and Weights and Conditioning/or consent of instructor*)

Advanced Weights and Conditioning - 08009G1.0033 - 1 credit

This course introduces students to advanced weightlifting principles, with emphasis on the development of individual muscle groups and cardiovascular fitness. Competitive weightlifting is also introduced. (*Prerequisites: PE I and II, Weights and Conditioning and Intermediate Weights and Conditioning or consent of instructor*)

Off-Campus Athletic Training Program – ½ credit per term; 1 credit per year (maximum of 2 credits permitted)

This program provides off-campus athletic training programs that cannot be or are not offered in the physical education classes on high school campuses. An application must be submitted to the high school counselor ***no later than ten (10) days after the start of the school term in which credit is sought. Parent is responsible for payment of all lessons and accompanying fees. May be substituted for Physical Education I and Physical Education II only. Requests must be submitted within 10 school days of the first day of enrollment at the home high school.***

THE ARTS

VISUAL ART

Art I - 05154G1.0014 - 1 credit

This course enables students to gain a basic working knowledge of the fundamental aspects of art. (*Prerequisite: None*)

Art II and III - 05154G1.0024, 05154G1.0034 - 1 credit each

Art II and III build on the knowledge and skills in Art I, with a focus on the creation of more complex art using a greater variety of media. (*Prerequisite: Art I*)

Art IV - 05154G1.0044 - 1 credit

Art IV emphasizes the development of an individual art portfolio that showcases a student's best work. (*Prerequisites: Art I, Art III or consent of instructor*)

Fine Arts Survey - 05201G1.0011 - 1 credit

This course is a survey of visual arts, theatre/dance, and music through an exploration of history, major artists, artwork, techniques, terminology, and aesthetics of each art form. Emphasis is placed on the evolution of the arts throughout history, the identification of major stylistic periods and artists, and an appreciation and understanding of a variety of art forms. (*Prerequisite: None*)

AP Studio Art 2D + or AP Studio Art Drawing + – 05174H1.0011, or 05172H1.0011 - 1 credit each

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. Most AP Studio Art candidates prepare their portfolios through organized AP instruction. If your school does not offer an AP Studio Art program, you may work independently to complete the portfolio. It is vital that you plan far enough in advance so that you can complete the portfolio on time. (*Prerequisites: Art I.*) *Students enrolled in an AP course are required to take the AP Exam.*

AP Studio Art: 3-D Design + – 05175H1.0011 - 1 credit

The AP Studio Art: 3-D portfolio is intended to address sculptural issues. Design involves purposeful decision making about using the elements and principles of art in an integrative way. In the 3-D design portfolio, students demonstrate their understanding of design principles as they relate to the integration of depth and space, volume and surface. (*Prerequisites: Art I.*) *Students enrolled in an AP course are required to take the AP Exam.*

AP Art History + – 05153H1.0011 - 1 credit

AP Art History: AP Art History is an introductory college-level art history course. Students cultivate their understanding of art history through analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, and understanding purpose and audience in art historical analysis. (*Prerequisites: Grade 9 completed.*) *Students enrolled in an AP course are required to take the AP Exam*

Media Arts I, II, III, or IV - 05169G1.0014, 05169G1.0024, 05169G1.0034, or 05169G1.0044 - 1 credit each

Media Arts involves creating representations of the world and telling stories through various media technologies. Students may explore digital photography and video production in various fields as they learn to collaborate in creative teams and analytically respond to, and interact with, context and audiences. Students learn to apply key concepts, story principles, and elements of media as they design, produce, distribute, and analyze media artworks. Students learn and use the established and emerging techniques and practices for creating within different media forms.

DRAMA

Theater I – 05052G1.0012 - 1 credit

This course covers the fundamentals of acting technique, such as movement, voice, characterization, improvisation, and other basic acting skills. This is a performance-based class with heavy emphasis on in-class performances and activities. (*Prerequisite: none*)

Theater II – 05052G1.0022 - 1 credit (may be taken more than one time for additional credit)

This course expands experiences in Theatre I, with emphasis on advanced techniques associated with drama and/or play production. Co-curricular activities are included as part of academic requirements in this performance class. (*Prerequisite: Theater I*)

Technical Theatre I – 05056G1.0012 - 1 credit

This class designs and builds sets for travel and performs for an elementary audience. This class includes the following scenic elements: set design, acting, light design, make-up design, and theatre history. Co-curricular after-school activities are included as part of the academic requirements in this class. Class fee required. (*No Prerequisite*)

Technical Theatre II – 05056G1.0022 - 1 credit

Actually build sets for area schools-sister schools-build sets for beauty pageant, Krewe of Aesclepius, and Military ball, create backdrops for Elm Grove, Black History assembly, NHS assembly, Sadie Hawkins and school play. Co-curricular after-school activities are included as part of the academic requirements in this class. Class fee required. (*Prerequisite: Technical Theatre I*)

INSTRUMENTAL MUSIC

Beginning Band – 05101G1.0012 - 1 credit

This course emphasizes the performance of required music on the state performance guideline list. Co-curricular activities are included as part of academic requirements in this performance class. (*Prerequisite: Some proficiency in playing an instrument*)

Intermediate Band – 05101G1.0022 - 1 credit

This course emphasizes the performance of required music on the state performance guideline list. Co-curricular activities are included as part of academic requirements in this performance class. (*Prerequisite: Some proficiency in playing an instrument*)

Advanced Band I, II - 05102G1.0012, 05102G1.0022 - 1 credit each

This course expands students' abilities to perform required music on the state performance guideline list. Co-curricular activities are included as part of academic requirements in this performance class. (*Prerequisite: Play an instrument*)

Percussion Ensemble I, II 05106G1.0018, 05106G1.0028 – 1 credit each

This course emphasizes improving a student's ability to play the various percussion instruments. Co-curricular activities are included as part of the academic requirements in this performance class. (*Prerequisite: Audition*)

Jazz Ensemble I, II - 05106G1.0038, 05106G1.0048 - 1 credit each

To play jazz through a variety of different styles of jazz music. These styles are blues, shuffle, ballad, samba, and rock. Students will play and improve upon improvisation through chordal changes and alternative forms, including rhythm changes, and blues form. Finally, the members of the jazz ensemble will prepare for performances, festivals, and contests.

Wind Ensemble I, II - 05106G1.0058, 05106G1.0068 - 1 credit

This course emphasizes advanced fundamentals and the performance of difficult music literature. Co-curricular activities are included as part of academic requirements in this performance class. (*Prerequisite: Audition*)

Brass Ensemble I, II - 05106G1.0078, 05106G1.0088 - 1 credit each

The goal of this course is to expose students to repertoire composed for and/or arranged for brass instruments. Students will perform in a group setting.

Violin I, II, III – 05120G1.0013, 05120G1.0023, 05120G1.0033 - 1 credit each

This course provides instruction on playing the violin and the development of musical skills: note reading, rhythms, and performance music. This is a performance class. (*Prerequisite: Some proficiency in playing the violin or other string instrument.*)

AP Music Theory + - 05114H1.0011 - 1 credit each

A major component of any college curriculum in music is a course introducing the first-year student to music theory, a subject that comprises the musical materials and procedures of the Common Practice period. Such a course may bear a variety of titles (Basic Musicianship, Elementary Theory, Harmony and Dictation, Structure of Music, etc.). It may emphasize one aspect of music, such as harmony; more often, however, it integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course, although they may be taught as separate classes. The student's ability to read and write musical notation is fundamental to such a course. It is also assumed that the student has acquired (or is acquiring) at least basic performance skills in voice or on an instrument. The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of these goals may best be approached by initially addressing

fundamental aural, analytical, and compositional skills using both listening and written exercises. Building on this foundation, the course should progress to include more creative tasks, such as the harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, or the realization of figured-bass notation. *(Prerequisites: See Counselor.) Students enrolled in an AP course are required to take the AP Exam.*

VOCAL MUSIC

Beginning Choir - 05110G1.0011 - 1 credit

This course emphasizes the development of musical skills: note reading, rhythms, and performance music. Co-curricular activities are included as part of academic requirements in this performance class. *(Prerequisite: None)*

Advanced Choir I, II - 05110G1.0012, 05110G1.0022 - 1 credit each

This course further expands vocal technique and performance skills. Co-curricular activities are included as part of academic requirements in this performance class. *(Prerequisite: Audition)*

Small Vocal Ensemble - 05111G1.0011 - 1 credit

This course emphasizes the musical techniques, style, notation, and theory needed for proper vocal production. Co-curricular activities are included as part of academic requirements in this performance class. *(Prerequisite: Consent of instructor)*

FAMILY AND CONSUMER SCIENCES

Family and Consumer Science I - 19251G1.0012 - 1 credit

This course examines multiple life roles and responsibilities of individuals and family members. The focus is on the areas of personal and family living, wellness, nutrition and foods, living environments, appropriate child development practices, and transferring school skills to life and work. Through simulated experiences, students learn to fulfill their responsibilities associated with the work of the family and community. Skills in mathematics, communication, science, technology, and personal and interpersonal relationships are reinforced in this course. (*Prerequisite: None*)

Family and Consumer Sciences II - 19251G1.0022 - 1 credit

This course enhances the foundational skills introduced in FACS I. Additional learning focus and practical application activities are implemented in the areas of personal and family living, wellness, nutrition and foods, living environments, appropriate child development practices, clothing and textiles, and building employability skills to enhance life and work. Students continue to apply skills helping them to fulfill their responsibilities with the work of the family and the community through simulated experiences. Emphasis is on applying knowledge to real life situations. Skills in mathematics, communication, science, technology, and personal and interpersonal relationships are reinforced in this course. (*Prerequisite: Family and Consumer Sciences I and 10th-12th grade status*)

Nutrition & Food – 03069G0.5012 - ½ credit

This course provides students with basic nutrition and wellness knowledge and basic food preparation skills. Emphasis is placed on food preparation, kitchen and meal management, and the relationship of diet to health. Topics of study include nutrition, meal planning, food labeling, safety and sanitation, kitchen equipment, measuring, use of recipes, basic food preparation and consumer skills. Science, math, economics, and communication skills are reinforced in this course. Students will have the opportunity to obtain the ServSafe Food Handler certification upon completion of the course. (*Prerequisite: 10th-12th grade status and FCS I*)

Advanced Nutrition and Food - 03069G0.5022 - ½ credit

This course addresses more complex concepts in nutrition and food preparation, with emphasis on social, psychological, and cultural influences on food choices globally. Topics include nutrition and wellness for individuals and families across the life span; impact of technology on nutrition, foods, and related tools and equipment; management of food-related resources; acquiring, organizing, and evaluating information about foods and nutrition; and exploration of careers in all aspects of the food industry. Students will have the opportunity to obtain the ServSafe certification. Laboratory experiences are included. (*Prerequisites: Nutrition and Food and 10th-12th grade status*)

Parenthood Education - 19259G0.5011 - ½ credit

Students take a look at the rewards, responsibilities, and challenges involved in the parenting role. The importance of the decision to become a parent is reinforced in each unit. Topics covered include human reproduction, pregnancy, heredity, medical care, childbirth, caring for a newborn, emotional adjustments, nutrition, discipline, guidance, family characteristics, childcare, budgeting, meeting the needs of exceptional children, and providing a nurturing environment for toddlers and preschool children. Balancing work and family responsibilities is a major focus of this course. Work-based learning strategies appropriate for this course are field trips, job shadowing, and school-based enterprises. Simulations, projects, and teamwork provide opportunities for application of instructional competencies. (*Prerequisite: 11th or 12th grade status*)

Child Development - 19052G0.5012- ½ credit or 19052G1.0012 - 1 credit

Students will study the physical, intellectual, social, and emotional growth and development of children from birth through early childhood. Topics will include prenatal development; preparation for birth and the birth process; impacts of heredity, environment, and family on development of the child; and meeting children's needs for food, clothing, shelter, and care. Emphasis is on helping students create an environment for children that will promote optimum development. This course is offered only to sophomore, junior, and senior students. (*Prerequisite: 10th-12th grade status*)

Advanced Child Development – 19052G1.0022 - 1 credit

This course builds on the foundational skills introduced in Child Development. Advanced Child Development addresses more complex issues of child development and early childhood education with emphasis on guiding physical, social, emotional, intellectual, moral, and cultural development throughout childhood, including school age children. This course is offered only to sophomore, junior, and senior students. (*Prerequisite: Child Development and 10th-12th grade status*)

Clothing and Textiles - 19201G0.5012 - ½ credit

This course introduces students to concepts relating to fabrics, color, clothing care, buying clothing, sewing equipment, and beginning sewing skills. Emphasis is on applying construction and design skills to apparel and home fashion. Skills in art, communication, mathematics, science, and technology are reinforced in this course. The use of computerized sewing machines may be incorporated. The course is offered only to sophomore, junior, and senior students. (*Prerequisite: 10th-12th grade status and FACS I*)

Advanced Clothing and Textiles – 19201G0.5022 - ½ credit

This course builds upon concepts introduced in Clothing and Textiles. In-depth study of fabrics, fashion, color, clothing selection, care, and construction will be included. New technologies being applied to clothing and textiles will be explored, and job-related skills will be developed in this advanced course. Skills in art, communication, mathematics, science, and technology are reinforced in this course. The course is offered only to sophomore, junior, and senior students. (*Prerequisite: Clothing and Textiles and 10th-12th grade status*)

Custom Sewing I - 19256G1.0012 - 1 credit

This course continues past Advanced Clothing and Textiles. Students will participate in wardrobe planning & recycling, pattern design and alterations, constructing simple garments, research and create fashion designs from various cultures and timeframes in history, and research various designers. Students will learn about the retail side of fashion and the laws associated with the fashion industry. Students will also explore career options and take the Pre-Pac assessment. (*Prerequisite: FACS I, Clothing and Textiles/Advanced Clothing and Textiles, and 11th-12th grade status*)

Custom Sewing II - 19256G1.0022 - 1 credit

Extended study of Custom Sewing I. Students are able to pursue certification in Fashion, Textiles, and Apparel through the American Association of Family and Consumer Sciences. (*Prerequisite: Custom Sewing I and 11th-12th grade status*)

Food Science -19254G1.0011 - 1 credit

Food Science is the study of the nature of foods, the causes of deterioration in food products, the principles underlying food processing, and the improvement of foods for the consuming public. Students will investigate areas of food science including food safety, food chemistry, food processing, food product development, and marketing.

BUSINESS EDUCATION

Accounting I - 12104G1.0012 - 1 credit

Introduction to accounting and financial reporting concepts and the significance of financial accounting information in decision-making. Emphasis is placed on the accounting cycle; assets, liabilities, and owners' equity; and preparation of financial statements. (*Prerequisites: 11th-12th grade status*)

Accounting II - 12104G1.0022 - 1 credit

Introduction to managerial accounting theory, tools and concepts, with emphasis on the techniques used to provide information for internal management decisions. (*Prerequisites: 11th-12th grade status*)

Introduction Business Computer Applications - 10004G1.0011 - 1 credit

This course is designed to provide students with basic computer application skills. Students will be introduced to the touch method of operating a computer keyboard to produce simple business documents. Emphasis is placed on basic computer concepts both hardware and software, word processing, and spreadsheet applications. Computer technology will be presented that could lead to the student's ability to obtain IC3 certification and Microsoft Office Specialist (MOS) certification in MS Word. (*Prerequisite: None*)

Business Computer Applications - 10005G1.0011 - 1 credit

This course is designed to acquaint students with the advanced principles associated with information processing. Students study advanced computer concepts, software applications, and computer systems. Emphasis is placed on skill development in using technology to perform advanced information processing. Topics of study include computer concepts, word processing, spreadsheet, and presentation software applications, which will increase in difficulty in the second semester. Computer technology will be presented that may lead to the student's ability to obtain Microsoft Office Specialist (MOS) certification in PowerPoint, and Excel. Communication skills, keyboarding, decision-making, technology and critical thinking skills are reinforced in this course through business application projects. (*Prerequisite: Introduction to Business Computer Applications and MOS Word Certification*)

College Business Computer Applications –Dual Credit – 10005C1.0011 - 1 credit (3 hours college credit)

This course is an introduction to data storage, manipulation, and processing techniques. Hardware components and various software packages are discussed in detail along with an introduction to the Internet. Hand-on use of an integrated software program is a significant component of this course. (*Prerequisites: IBCA, ACT composite score of 15 or higher, on track for TOPS, 11th or 12th grader, see Dual Enrollment Requirements*). **This course may have a dual enrollment fee assessed by the post-secondary institution that will be paid by student/parents. Qualified students may take this course for secondary credit only without paying the dual enrollment fee.**

Business Law – 12054G1.0011 - 1 credit

This course on Business and Personal Law includes contracts, criminal law, environmental law, family law, and consumer protection. Career Clusters present the needed skills, education, work experience, and industry opportunities for a variety of law careers. Online research requires students to use the internet to research answers and solve legal problems. Completion of the Civics course is highly recommended before taking Business law. (*Prerequisite: IBCA*)

Customer Service - 22152G1.0011 - 1 credit

This course is designed to help entry-level sales and service associates learn skills related to frontline work in retail (or any industry that values customer service and sales skills). Students will take the Customer Service certification exam upon completion of the course.

Desktop Publishing - 11152G1.0011 - (1 credit)

This course is designed to integrate the knowledge and skills learned in word processing with the concepts, procedures, and applications of desktop publishing. Emphasis is placed on continued skill development in efficient operation of word processing programs as it is applied to desktop publishing. Critical thinking and communication skills are reinforced in this course as students format, create, and proofread brochures, programs, newsletters, web pages, powerpoint presentations, and manuscripts. Students will have the opportunity to take the Adobe Certified Associate Photoshop certification upon successful completion of the course.

Digital Information Technology - 10009G1.0011 - (1 or 2 credits)

This course prepares students to work effectively in today's business environment. In this course, you will learn about tasks involved in various Information Technology (IT) job roles, and explore career opportunities in the IT industry. You will also learn about Internet connection methods, Internet protocols, the Domain Name System (DNS), cloud computing and mobile devices. You will study the basic functions of Web browsers, the components of Web addresses and browser use in the business world. (Prerequisite: IBCA or BCA. Upon completion of this course, students may take the Internet Business Associate Exam)

Entrepreneurship I - 12053G1.0012 - 1 credit

This course is designed to introduce students to the rewards and risks of owning or operating a business enterprise. Emphasis is placed on the mastery of skills needed to plan, organize, manage, operate and finance a business using current technology. Skills in communication, technical writing, mathematics, research, and problem solving are reinforced as each student prepares a business plan. Students will work on earning the Regional Core Micro-Enterprise Credential. (Prerequisite: *Introduction to Business Computer Application.*)

Entrepreneurship II Micro-Enterprise - 12053G1.0022 - 1 credit

Advanced studies of owning and operating a business enterprise. Students will focus on the state Micro-Enterprise credential which certifies that students have mastered workplace behaviors and communication skills. Students will participate in developing a business "pitch", create a business plan, learn how to network with professionals, and make presentations to industry experts. All activities will culminate in the Entrepreneurship and Small Business exam which is an internationally-recognized industry credential. (Available to juniors or seniors. Prerequisite: Entrepreneurship I)

Fundamentals of Real Estate - 12154G1.0011 - 1 credit

This course is an introduction to the fundamentals of buying and selling real estate. It includes the requirements to become a real estate agent and the process involved in owning rental properties. Emphasis is placed on real estate documents and the steps necessary to have a successful real estate career.

Principles of Business - 12055G1.0011 - 1 credit

This course is an introductory course that provides students with basic business operations skills that can be applied in both personal and professional situations. Emphasis is placed on the exploration and description of basic business concepts and applications. Through business application projects critical-thinking, oral and written communication skills are reinforced in this course. Work-based learning strategies appropriate for this course are job shadowing, work site tours, and service learning. Simulations, projects, teamwork, and FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies. (Prerequisite: None)

Principles of Marketing I - 12164G1.0012 - 1 credit

This is a one semester class available to juniors and seniors. This course covers the foundations and functions of marketing. It approaches marketing as an integrated set of tasks (functions), built on a solid set of foundations (economics, finance, career preparation). Students will learn about the various functions of marketing as it relates to sports and entertainment, but also discover how each function fits with the others. The projects and activities cover a wide variety of teams and artists. Topics covered will include college and amateur sports, professional sports, marketing products and services through sports, public images, sports marketing, entertainment industry, marketing entertainment, recreation marketing, marketing plans, legal issues for sports and entertainment.

Principles of Marketing II - 12164G1.0022 - 1 credit

Advanced studies in various functions of marketing as it relates to the sports and entertainment industry.

CAREER READINESS COURSES

Basic Career Readiness - 19258G1.0011 - 1/2 credit (Grades 10th-12th only)

This course highlights skills students will need for college and career success. In addition to a continued emphasis on mastering soft skills, students will learn about career pathways in Louisiana and practice the career-ready academic skills in demand by regional employees. This course emphasizes graduation and college and career planning. ACT Prep, Workkeys Prep will continue to be incorporated on a case by case basis working to obtain an ACT score of 18 or higher and/or Work Keys Silver. Students will receive support and guidance to equip them to be successful in core content courses.

Advanced Career Readiness - 22151G1.0033 - 1 credit (Grades 10th-12th only)

This course focuses on student credentialing. Students are able to pursue and receive support for Customer Service certification, FEMA certification, First Aid CPR certification, OSHA 10 certification, and or Microsoft certification. In addition to a continued emphasis on mastering soft skills, students will learn about career pathways in Louisiana and practice the career-ready academic skills in demand by regional employers. This course emphasizes graduation and college and career planning, and may include internship and job-shadowing opportunities. Students will receive support and guidance to equip them to be successful in core content courses.

Quest for Success - 22151G1.0013 - 1 credit

This course is a career exploration course designed to prepare all Louisiana graduates for career and life success. The new course will help all students to: develop essential 21st century workforce skills-the ability to communicate, collaborate, and lead. Explore new and exciting careers and industry sectors. Learn about themselves and their interests to successfully navigate high school, post-secondary education, and career pathways.

Propel I - 22151G1.0023 -1 credit

Propel Core is a program embedded into a student's spring term of senior year designed to help students create a post-graduation plan and ultimately build the skills to secure and maintain an upwardly mobile job coming out of their senior year. Within the course, students will learn about their interests, aptitudes, and potential aligned career pathways, build financial literacy, develop resumes and career maps to promote long-term financial success, and more. All students in the Core course have the opportunity to apply for post-secondary training through Propel ("Specialization") and obtain a full-time, upwardly mobile job within a year post-graduation. If a student chooses not to apply to Specialization, the Core course still serves as an opportunity for the student to create a post high school plan toward the goal of long-term economic viability.

General Technology Education - 21057G1.0011 - 1 credit

An introductory course designed to expose students to current technologies used in career and technical fields. Students will have hands-on practice working with various technology tools and will examine practical applications of technology to solve real world problems.

CAREER & TECHNICAL EDUCATION

Basic Technical Drafting - 21102G1.0012 - 1 credit

This course provides the student with a general overview of the basic concepts that are common to the broad field of technical drawing. Drafting is used to describe objects that cannot be effectively and precisely described within the written words of a language. This course develops the student's ability to express ideas in pictorial form, to describe objects through the use of drawings, and to read and to understand projection methods and working drawings. Science, mathematics, and communication skills are reinforced in this course. Work-based learning strategies appropriate for this course include field trips and job shadowing. This course and Technology Student Association technical and leadership activities enhance skills essential for students interested in technical and engineering career fields.

Advanced Technical Drafting - 21102G1.0022 - 1 credit

This course is a study of visual patterns and how they describe the physical universe and represent mathematical concepts. Topics include measurement formulas, geometric and spatial visualization, drawing skills, properties of congruence, similarity, parallelism and perpendicularity, proof, properties of plane and solid figures, and different applications. Students utilize inductive and deductive reasoning and examine concepts from transformational, synthetic, coordinate, and vector approaches. Emphasis is placed on the use of Computer Aided Drafting in the preparation of detailed descriptive geometry, auxiliary views, and revolutions.

Basic Wood Technology - 17005G1.0012 - 1 credit

This course is designed as an introductory course for students who are interested in the field of woodworking technology. Students will explore the fundamentals of woodworking, beginning with the study of the use of woods in the manufacturing and construction industries, progressing with hand tool experiences and concluding with the study and utilization of modern power hand tools and machines. Students will apply mathematics, science, and communication skills to study, design, and construct wood products. Work-based learning strategies appropriate for this course include field trips, service learning, and job shadowing. This course and Technology Student Association technical and leadership activities enhance skills essential for students interested in technical and engineering career fields.

Advanced Wood Technology - 17005G1.0022 - 1 credit

This course is designed as an advanced course for students who wish to continue their study of the field of woodworking technology. Students will explore advanced manufacturing processes and techniques utilizing modern power hand tools and equipment. Students will apply mathematics, science, and communication skills to study- design, and construct advanced wood products. Work-based learning strategies appropriate for this course include field trips, service learning, job shadowing, and internships. This course and Technology Student Association technical and leadership activities enhance skills essential for students interested in technical and engineering career fields. *Prerequisite: Basic Wood Technology*

CDF Qualifying Pre-Apprenticeship I: CITF Carpentry & Agriscience-(17003G1.0012)--1 credit

This course is based on curriculum designed by the Carpenter International Training Fund (CITF) which integrates construction math with principles of basic construction techniques based on small woodworking projects. Students may earn the CITF Basic and Level 1 certifications which provide foundational skills toward the advanced Carpentry courses.

CDF Qualifying Pre-Apprenticeship II: CITF Carpentry & Agriscience-(17003G1.0022)--1 credit

This course is based on curriculum designed by the Carpenter International Training Fund (CITF) which integrates construction math with principles of basic construction techniques based on small woodworking projects. Students may earn the CITF Advanced and Level 2 certifications which provide foundational skills toward the advanced Carpentry courses. (*Prerequisite: CDF Qualifying Pre-Apprenticeship I*)

CAREER AND TECHNICAL EDUCATION @BPSTIL

Bossier Parish School for Technology & Innovative Learning (BPSTIL)

To be considered for admission to BPSTIL a student must be currently enrolled in a Bossier Parish high school, able to schedule two consecutive blocks for courses, and complete the application process through their high school counselor.

[illegible]

Agriscience I 18002G1.0014 - 1 credit paired with Workplace Safety 13004G1.0011 - 1 credit

Agriscience I provides students with basic knowledge of agriculture, its history and the science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics, basic carpentry, food science technology, and agricultural leadership. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, Supervised Agricultural Experience (SAE) programs, and internships. SAE programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Students will be required to fulfill requirements for earning the Greenhand Degree as stated in Section C of Article VI of the FFA Constitution and Bylaws.

Agriscience II 18003G1.0024 - 1 credit paired with Ag Leadership 18203G1.0011 - 1 credit

Agriscience II provides students with basic knowledge of agriculture and science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics, and agricultural leadership. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, and internships. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

Auto Body Repair I – 20116G2.0014 - 2 credits

Auto Body Repair I consists of instruction in shop orientation and safety in addition to tools and equipment. Students also receive instruction on the following: vehicle construction, basic metal alignment, the use of plastic fillers, block sanding, basic welding, paint preparation, and refinishing techniques with hands-on application.

Auto Body Repair II - 20116G2.0024 - 2 credits

Auto Body Repair II consists of instruction in identification and analysis in addition to damage estimating. Students have the opportunity to earn an I-Car Pro level one refinish technician certification upon completion of required courses and the EOC test. Students also receive more in-depth instruction on the following: vehicle construction, basic metal alignment, the use of plastic fillers, block sanding, basic welding, paint preparation, and refinishing techniques with hands-on application. (Prerequisite: Auto Body Repair I)

Auto Body Repair III - 20116G2.0034 - 2 credits

Auto Body Repair III consists of instruction in straightening steel and aluminum, as well as more advanced study in Auto Body Repair techniques. Students have the opportunity to earn the I-Car pro level one non-structural technician certification upon completion of the required courses and the EOC test. (Prerequisite: Auto Body Repair II)

Auto Body Repair IV – 20116G2.0044 - 2 credits

Auto Body Repair IV consists of automotive trim and glass, as well as more advanced studies in Auto Body Repair. (Prerequisite: Auto Body Repair III)

Automotive: General Automotive Maintenance - 20106G2.0011 - 2 credits

This course is designed to allow ninth and tenth grade students to explore the automotive technology program. An emphasis on basic automotive maintenance and prevention is the primary focus of this course.

Automotive Technology I – 20104G2.0015 - 2 credits (20104C2.0015 Dual Enrollment available with Northwest Louisiana Technical Community College)

Topics covered will include diagnosis and repair of general steering and suspension, wheel and tire, hydraulic systems, and general electrical systems.

Automotive Technology II – 20104G2.0025 - 2 credits (20104C2.0025 Dual Enrollment available with Northwest Louisiana Technical Community College)

Topics covered will include diagnosis and repair of steering systems, drum brakes, disc brakes, batteries, starting systems, and computerized engine controls. (Prerequisite: Automotive Technology I)

Automotive Technology III – 20104G2.0035 - 2 credits (20104C2.0035 Dual Enrollment available with Northwest Louisiana Technical Community College)

Topics covered will include diagnosis and repair of suspension systems, power assists, charging systems, lighting systems, gauges, warning devices, driver information, ignition systems, fuel, air induction, and exhaust systems. (Prerequisite: Automotive Technology II)

Automotive Technology IV – 20104G2.0045 - 2 credits (20104C2.0045 Dual Enrollment available with Northwest Louisiana Technical Community College)

Topics covered will include diagnosis and repair of wheel alignments, anti-lock and traction controls, horn and wiper/washers, electrical accessories, emissions systems, and other engine related services. (Prerequisite: Automotive Technology III)

Automotive Technology V - 20104G2.0055 - 2 credit (Dual Enrollment available with Northwest Louisiana Technical Community College)

Advanced automotive technology studies in preparation of, or in combination with, work-based learning.

Automotive Technology VI - 2 credit (Dual Enrollment available with Northwest Louisiana Technical Community College)

Advanced automotive technology studies in preparation of, or in combination with, work-based learning.

Barbering I – 19102G2.0014 - 2 credits (19102C2.0014 - Dual Enrollment available with Northwest Louisiana Technical Community College)**History of Barbering, Life Skills, Professional Image, Infection Control, Implements, Tools and Equipment, & Properties and Disorders of the Hair and Scalp.**

This course includes history, ethical, legal behavior, hygiene, grooming and maintaining the professional image of the Barber stylist, as well as the Louisiana State Board of Examiners rules and regulations.

Theory/Lab:

Student performance is emphasized in this course, which includes haircuts, the safety and methods of cleaning and disinfecting, as well as identification, handling and care, and use of tools and equipment. Demonstration of all equipment in the barbershop as well as tools used for haircutting will be demonstrated.

Barbering II—19102G2.0024 - 2 credits (19102C2.0024 Dual Enrollment available with Northwest Louisiana Technical Community College)**General Anatomy and Physiology, Basics of Chemistry, Basics of Electricity, and the Structure, Diseases and Disorders of the Skin.**

Skin, scalp and hair are analyzed according to structure and function. Performing the shampoo, using hair rinses and conditioners, as well as other modes of scalp and hair treatment are explored in order to meet the client's individual needs. The theory of

cutting and styling men's and women's hair using fundamental principles of haircutting/styling while considering various facial shapes is discussed and demonstrated.

Theory/Lab

Student's performance is the emphasis of this course, as well as the treatments of the scalp and hair, including demonstrations on shampooing, rinsing and conditioning. (Prerequisite: Barbering I)

Barbering III – 19102G2.0034 - 2 credits (19102C2.0034 Dual Enrollment available with Northwest Louisiana Technical Community College)

Treatment of the Hair & Scalp, Shaving & Facial Hair Designs, Men's Haircutting & Styling, and Women's Haircutting and Styling

Areas to be shaved are explained, and the theory of the standard strokes are studied and used to demonstrate the professional shave. The theory of the artistic services of mustache and beard trimming is also a part of this course. Student performance of men's and women's basic haircutting/styling and shaving, mustache, and beard design are also a part of this program. (Prerequisite: Barbering II)

Theory/Lab

Student performance of the basic haircuts, as well as the shaving zones of the face are focused on in this course.

Barbering IV – 19102G2.0044 - 2 credits (19102C2.0044 Dual Enrollment available with Northwest Louisiana Technical Community College)

Preparing for Licensure and Employment, Working behind the Chair, and The Business of Barbering

In this course, the student is focusing on the planning of getting their Barber's License and preparing for employment. Extended coursework includes the process of working as a barber and an extension of focusing on becoming the barbershop owner. (Prerequisite: Barbering III)

Theory/Lab

Student performance of this course includes practice test exams, learning the business aspects of barbering, types of business options as well as the continuation of the performance of haircuts in the barbershop.

Carpentry I – 17003G2.0014 - 2 credits

Instruction in the use of hand tools, portable power tools, stationary power tools, identification of building materials, and blueprint reading with hands-on application. Students will work toward earning NCCER Core Certification.

Carpentry II – 17003G2.0024 - 2 credits

Instruction in wall and ceiling framing, roofing, interior finishes, and trims. Students receive hands-on applications. Students will work toward earning NCCER Level 1 Certification. (Prerequisite: Carpentry I).

Carpentry III – 17003G2.0034 - 2 credits

This course provides advanced studies in Carpentry. Students will work toward earning NCCER Level 2 Certification. (Prerequisite: Carpentry II).

Carpentry IV – 17003G2.0044 - 2 credits

This course provides advanced studies in Carpentry. Students will work toward completing the NCCER Level 2 Certification (Prerequisite: Carpentry III).

Computer Networking I - 10102G1.0012 - 1 credits (10102C1.0012 Dual Enrollment available with BPCC) paired with 10111G1.0011 - 1 credit (10111C1.0011 Dual Enrollment available with BPCC)

This class is for any student interested in learning to troubleshoot basic to intermediate problems with computer software and/or hardware. Students who own a computer or enjoy using a computer will highly benefit from this class. The curriculum is designed to help students gain a strong foundation that will help them prepare to pass the CompTIA IT Fundamentals certification test. This certification is the first step towards any career in the computer field.

Computer Networking II - 10102G1.0022 - 1 credit (10102C1.0022 Dual Enrollment available with BPCC) paired with 10101G1.0011 - 1 credit (10101C1.0011 Dual Enrollment available with BPCC)

This class is a continuation of Computer Networking I and goes more in depth. Students will learn how to troubleshoot more complex computer problems, build different types of computers, upgrade, and install various computer components and also how to customize computers based on types of usage. The curriculum is designed to help students cultivate a quality background in computer building that will help them prepare to pass the CompTIA A+ certification test. This is the step towards a career in Desktop Support.

Computer Programming I: Python/Intro to App Development—10152G1.0012 - 1 credits (10152C1.0012 Dual Enrollment available with BPCC) paired with 10160G1.0011

This two-part course emphasizes computational thinking which helps develop the ability to solve complex problems. In Part I of this course, students learn introductory concepts of Computer Science and create programs in the PYTHON language to master the basic building blocks of computer programming. In Part II, students learn the foundations of iOS, the Apple operating system. Using the SWIFT language and Xcode interface, students create apps for Apple mobile devices. Students have an opportunity to work toward industry certification for App Development with Swift - Level 1.

Computer Programming II: App Development with Swift—10155G1.0012 - 1 credit paired with 10155G1.0022 - 1 credit

This course is an introduction to programming and object-oriented design concepts using the JAVA programming language. Students learn all the JAVA programming basics and use a simple text editor as a development environment. Design concepts and programming tools will be integrated with an emphasis on practical business solutions.

Criminal Justice I - 15051G2.0012 - 2 credits

This course provides a basic understanding of the American legal system and its impact on many different aspects of life. This course is designed to focus on concepts that are central to the study of constitutional, criminal/civil law, and other related topics such as forensic science, trial/courtroom procedures, and our country's prison system. This course expands on the concepts taught in Civics and further explores the foundational ideals found in the Constitution, as well as America's adversarial political culture, and a commitment to freedom and limited government. Topics of focus in this course will include the American System, Institutions of Government, Public Policy, the impact of major SCOTUS decisions, and public opinion.

Criminal Justice II - 15051G2.0022 - 2 credits

Advanced studies in Criminal Justice I. (Prerequisite: Criminal Justice I)

Culinary Arts I - 16056G2.0014 - 2 credits (16056C2.0014 Dual Enrollment Available with BPCC)

This course introduces students to food preparation, terms, concepts, and methods in the foodservice industry. The program provides students with classroom and laboratory instruction that include essential techniques, skills, and terminology with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operational procedures. This course is designed to develop a strong foundation in Culinary Arts, involving an in-depth knowledge and hands-on skills with a solid understanding of culinary principals. Students have the opportunity to earn ServSafe Food Handler and Manage First - Customer Service certifications.

Culinary Arts II - 16056G2.0024 - 2 credits (16056G2.0024 Dual Enrollment Available with BPCC)

This course is focused on preparing students to enter the food service industry. Culinary Arts II includes a more advanced, rigorous and in-depth instruction in the areas of heat transfer and cooking times, as well as skills in grilling, frying, broiling, sautéing, steaming, poaching, recipe conversion. This course is designed for students who want to continue their education at the post-secondary level or enter into the food service industry. Students have the opportunity to earn ServSafe Manager and Manage First - Controlling Foodservice Costs certifications. (Prerequisite: Culinary Arts I)

Culinary Arts III (Baking and Pastry) - 16056G2.0034 - 2 credits

An introductory program that prepares students to serve as entry level into baking and pastry. It includes an overview into bread and pastry production, bread and pastry handling and storage, cake and pastry decorating, baking industry operations, equipment, measuring and mixing methods. Students have the opportunity to earn the Manage First - Hospitality & Restaurant Management certification. (Prerequisite: Culinary Arts II)

Culinary Arts IV (Baking and Pastry) - 16056G2.0044 - 2 credits

This program will allow students to enter into an entry level position in restaurants or other commercial food service establishments. The course includes more in-depth instruction in the areas of bread and pastry making, cake and pastry decorating, baking industry operations, product packaging and marketing operations, and counter display and service. Further, this course will include a capstone project that serves as a culminating project to showcase what they have learned while enrolled in Culinary Arts. Students have the opportunity to earn the Manage First - Hospitality Human Resources Management and Supervision certification. (Prerequisite: Culinary Arts III)

Early Childhood Education I - 19153G2.0014 - 2 credits

This course prepares students to work with children, birth to 8 years of age. Emphasis is placed on enhancing the development of young children while providing early education and care. Stages of child development, health, safety, guidance, and developmentally appropriate activities are reinforced in this course. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, service learning, field trips, job shadowing, and

apprenticeships. The course includes a nine-week internship to provide students authentic experiences with children. Foundation skill development assists students desiring to meet requirements for the Child Development Associate (CDA) credential.

Early Childhood Education II - 19153G2.0024 - 2 credits (19153C2.0024 Dual Enrollment available with BPCC)

This course prepares students for employment in early childhood education and child-related careers. Emphasis is placed on enhancing the development of young children while providing early education and care. Topics include planning and guiding developmentally appropriate activities for young children; developmentally appropriate practices of guidance and discipline; application of basic health and safety principles when working with children; management and operation of licensed child care facilities; state child care regulations and licensing requirements; and employability skills. Intensive child-care/preschool laboratory experiences, resume, and portfolio development are required components. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, service learning, field trips, job shadowing, and apprenticeships. Skill development assignments provide the opportunity to apply competencies and workplace readiness skills to authentic experiences. Foundation skill development is included for students to meet partial requirements for the Child Development Associate (CDA) credential. The course is offered only to junior and senior students. (Prerequisite: Early Childhood Education I)

Early Childhood Education III - 19153G2.0034 - 2 credits

This course is a continuation of ECE II. In addition to an intensive internship working with preschool children in a child care or public school setting, students will explore the use of the CLASS tool. This tool is currently used as an evaluation instrument in preschools throughout the state to measure the effectiveness of teacher-child interactions. Students will practice specific interaction strategies, as exemplified during class discussions and video demonstrations. Students will also complete the Child Development Associate portfolio as a component of CDA certification. The supervised hours of working with children will also contribute to the completion of the CDA credential. A CLASS observation of students will be completed by the instructor. (Prerequisite: ECE II)

Early Childhood Education IV - 19153G2.0044 - 2 credits

Advanced studies in Early Childhood Education and continued work-based learning in a daycare or preschool setting is emphasized. Students will continue to work toward their requirements for the Child Development Associate (CDA) credential.

Electrical I - 2 credits (electrical training Alliance - etA)

This course provides a foundation for students to work in the electrical trades. Students learn about apprenticeship, workplace elements, tools of the trade, fasteners, conductors and wires, codes and safety, DC circuit theory, generators and motors, and reading blueprints. Students will utilize an online learning environment, as well as classroom instruction and hands-on performance tasks. (Prerequisite: Strong in basic math and Algebra 1)

Graphic Arts I - 10202G2.0014 - 2 credits (10202C2.0014 Dual Enrollment available with BPCC)

Graphic Arts I provides students with an overview of the printing and graphic design industry. Students will be introduced to Adobe Photoshop, Illustrator, and Indesign while using iMac computers. Photo and image editing, vector drawing, document creation, digital imaging, and electronic file transfers will give students hands-on skills used in the industry today. Instruction is given to prepare students for Adobe Certified Associate certification in Visual Communication using Adobe Photoshop.

Graphic Arts II - 10202G2.0024 - 2 credits (10202C2.0024 Dual Enrollment available with BPCC)

Graphic Arts II provides more advanced instruction in the Adobe Design Suite software used in Graphic Arts I, while producing projects similar to job orders produced daily in industry. Digital garment design and production, brochure and poster creation and publication, digital photography and editing, and promotional product design, are just some of the areas a Graphic Arts II student might explore. Instruction is given to prepare students for Adobe Certified Associate certification in Graphic Design and Illustration using Adobe Illustrator.

Graphic Arts III - 10202G2.0034 - 2 credits

Graphic Arts III deals with industries, arts, and processes that deliver a message with printed images on paper and other surfaces. Draftsmanship, mechanical aptitude, and a fine sense for the use of colors and materials have always been necessary to create visually pleasing products. Instruction is given to prepare students for Adobe Certified Associate certification in Print and Digital Media Publications using Adobe Indesign.

Graphic Arts IV - 10202G2.0044 - 2 credits

Graphic Arts IV provides advanced instruction in the operation of color digital press to produce printed products such as multi-page booklets, posters, multi-out business cards, and envelopes. Students will produce advanced documents requiring complicated design and production techniques. Graphic Arts IV students will participate (as needed) in tutoring and peer training

other students from Graphic Arts I, II, & III in design and production of graphic products. Products produced will vary based upon current jobs being produced by the Graphic Arts class. Training and preparation towards Adobe Certified associates Visual Design Specialist.

Hospitality & Tourism Management I - 16148G2.0012 - 2 credits

This is an introductory course providing students with basic skills that will be applied toward a successful career in the hospitality industry. Emphasis is placed on the various skills and services in the hospitality industry including event planning, food and beverage management, advertising, marketing, travel and tourism. The class will also focus on developing 21st century skills such as effective communication skills, leadership practices and management policies and procedures that can be applied in any business setting. Topics covered in this course range from the planning, organization and implementation of industry specific projects, customer service, event management and the economic impact of tourism. Real world projects provide opportunities for application of instructional competencies. Students must complete 25 hours of teacher approved work along with simulated practice modules in addition to instructional time and have the opportunity to earn Certified Guest Service Professional and Customer Service and Sales certifications.

Hospitality & Tourism Management II - 16148G2.0022 - 2 credits

This course provides students with more advanced skills to be applied toward a successful career in the hospitality industry. Emphasis is placed on the leadership, management, marketing, sales, and food and beverage divisions in the hospitality industry. This class will continue to develop 21st century skills such as effective communication skills, leadership practices and management policies and procedures that can be applied in any business setting. Topics covered in this course range from sales and marketing of a property and destination, exceeding customer service expectations, career development, team building, and instructional competencies. Students must complete 25 hours of teacher approved work along with simulated practice modules in addition to instructional time. Students have the opportunity to earn the Certified Hospitality and Tourism Management Professional certification. (Prerequisite: Hospitality and Tourism I)

Instrumentation - 17107G1.0011 - 1 credit (17107C1.0011 Dual Enrollment available with Louisiana Delta Community College) paired with 17101G1.0011 - 1 credit (17101C1.0011 Dual Enrollment available with Louisiana Delta Community College)

This course provides a foundation for students to pursue career paths in instrumentation & control, electrical technologies, and related fields. Students are introduced to basic electrical theory, electrical circuits, microcontrollers, programming and Instrumentation & Control systems. The course also includes an introduction to basic electrician training. The course is project based, with students wiring circuits and programming control elements. (Prerequisite: Algebra and Geometry, 11th and 12th grade students)

Outdoor Power Equipment Technician I - 20110G2.0014 - 2 credits

The outdoor power equipment technician will find job opportunities as a mechanic in small engine shops, outboard motor, motorcycle shops, and in-house maintenance departments. The outdoor power equipment technician can also start his/her own repair business and be self-employed. Topics covered in this course include: Occupational Orientation & Safety; Basic Tools & Repair Techniques; Shop Tool Operations; Shop Management; Basic Engine Principles, Theory, and Operation; 4 Cycle Engine Disassembly and Reassembly; and Basic Fuel Systems Fundamentals. Students have the opportunity to earn S/P2 certification.

Outdoor Power Equipment Technician II - 20110G2.0024 - 2 credits

Outdoor Power Equipment Technician II includes basic engine principles and fuel systems. Topics include: Fuel Systems Disassembly and Reassembly; Basic Electrical Theory; Ignition Systems and Electrical Service; Starting Systems; Charging Systems; Lubrication Systems; Cooling Systems; Systems Troubleshooting; and Preventative Maintenance and Troubleshooting. Students may work toward taking the Four Stroke Exam from the Equipment and Engines Technicians Certification (EETC.) (Prerequisite: Outdoor Power Equipment I)

Outdoor Power Equipment Technician III - 20110G2.0034 - 2 credits

This course provides advanced instruction in Outdoor Power Equipment. Students may work toward taking the Four Stroke Exam from the Equipment and Engines Technicians Certification (EETC.) (Prerequisite: Outdoor Power Equipment II)

Outdoor Power Equipment Technician IV - 20110G2.0044 - 2 credits

This course provides advanced instruction in Outdoor Power Equipment. Students may work toward taking the Four Stroke Exam from the Equipment and Engines Technicians Certification (EETC.) (Prerequisite: Outdoor Power Equipment III)

Pre-Educator I - 19154G1.0011 - 1 credit (19154C1.0011 Dual Enrollment available with LSUS) paired with 19151G1.0011 - 1 credit (19151C1.0011 Dual Enrollment available with LSUS)

This course is designed to engage students interested in pursuing careers as future teachers in courses that serve as the foundation to teacher preparation programs. Students will participate in field experience including classroom observations and interviews with teachers and district leaders in the parish. Dual Enrollment credit is earned through completing the coursework and earning micro-credentials within the educational field. The microcredentials earned in this course require students to demonstrate strong writing skills, attention to detail in classroom observations and lesson planning, and mastery of the material evident in their work and through classroom discussion.

Pre-Educator II - 04064G1.0011 - 1 credit (04064C1.0011 Dual Enrollment available with LSUS) paired with 10097G1.0011 - 1 credit (10097C1.0011 Dual Enrollment available with LSUS)

This course will introduce students to the psychological development of children (Educational Psychology) as well as the pedagogical methods of utilizing technology (Educational Technology) in the classroom. Students will participate in the field experiences including classroom observations and interviews with teachers and district leaders in the parish. Dual Enrollment credit is earned through completing coursework that includes, but is not limited to, projects, lesson planning, flipped lessons, writing classroom grants, virtual instruction techniques, case studies, and assessments.

Pre-Engineering I - 21017G1.0011 - 1 credit paired with Geometry Pre-AP (Cohort class with PLTW I IED) - 1 credit

Introduction to Engineering Design - Introduction to Engineering Design (IED) is a high school level course that is appropriate for students who are interested in design and engineering. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity-based, project-based, and problem-based (APPB) learning. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, students use the most current issued 3D solid modeling design software package to help them design solutions to solve proposed problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. Students will have the opportunity to earn the Autodesk Inventor certification. (Prerequisite: Algebra I)

Pre-Engineering II - 21018G1.0011 - 1 credit paired with Algebra II (Cohort class with PLTW II POE) - 1 credit

Principles of Engineering - Students will explore technology systems and manufacturing processes to understand the various fields of engineering and engineering technology. Topics include mechanisms, strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. (Prerequisite: Completed or currently enrolled in Introduction to Engineering Design.)

Pre-Engineering III - 21022G1.0011- 1 Credit paired with 10097G1.0011- Independent Study in Technology Applications - 1 credit

Computer Integrated Manufacturing - Students learn about manufacturing processes, product design, robotics, and automation. Students develop their knowledge and skills of Computer Aided Design and Manufacturing to produce products using a Computer Numerical Controlled (CNC) mill. Students apply the knowledge and skills gained in this course as they collaborate to design, build, and program factory system models. (Prerequisite: Completed Pre-Engineering II)

TV Production I - 11051G2.0012 - 2 credits

Students will be introduced to basic television production with an emphasis on short film, news production, and video editing. The class is designed to hone skills through hands-on classroom instruction that enriches individual artistic visions. Students will learn the basics of script writing, camera operation in a wide range of settings, and the use of Adobe Premiere Pro software for editing. The majority of the class will be hands-on activities to reinforce the topics we are covering. Students will work in teams to accomplish most of the television production assignments.

TV Production II - 11051G2.0022 - 2 credits

This course provides advanced instruction in Adobe Premiere Pro and Cinematography. Students work towards earning the Adobe Premiere Pro certification. (Prerequisite: TV Production I)

Welding: Basic Welding (Basic SMAW & NCCER CORE) - 13208G1.0013 - 1 credits (13208C1.0013 Dual Enrollment available with Northwest Louisiana Technical Community College) paired with 17049G1.0012 (17049C1.0012 Dual Enrollment available with Northwest Louisiana Technical Community College)

Welding I provides instruction in oxy-fuel cutting and basic arc welding with hands-on application. Students will earn certifications in NCCER Core and OSHA 10 - General Industry.

Welding I 13207G2.0014 - 2 credit (13207C2.0014 Dual Enrollment available with Northwest Louisiana Technical Community College)

Welding I is a continuation of instruction in oxy-fuel cutting and basic arc welding with hands-on application. Students will work toward NCCER Level I certification. (Prerequisite: Basic Welding/NCCER Core)

Welding II - 13207G2.0024 - 2 credits (13207C2.0024 Dual Enrollment available with Northwest Louisiana Technical Community College)

Welding II is a continuation of instruction in oxy-fuel cutting and basic arc welding with hands-on application. NCCER Level I certification is available. (Prerequisite: Welding I)

Welding III - 13207G2.0034 - 2 credits (13207C2.0034 Dual Enrollment available with Northwest Louisiana Technical Community College)

This course provides advanced instruction in welding which includes pipe welding. NCCER Level II certification is available. (Prerequisite: Welding II)

Welding: SMAW 5G & 6G Pipe - 13208G1.0023 - 1 credits (13208C1.0023 Dual Enrollment available with Northwest Louisiana Technical Community College) paired with 13208G1.0033 - 1 credit (13208C1.0033 Dual Enrollment available with Northwest Louisiana Technical Community College)

Basic instruction in pipe welding. Students will learn to fit and weld pipe in all positions. This course provides advanced instruction in welding which includes pipe welding. (Prerequisite: Welding III)

Welding IV - 13207G2.0044 - 2 credits (13207C2.0044 Dual Enrollment available with Northwest Louisiana Technical Community College)

This course provides advanced instruction in welding which includes TIG welding. (Prerequisite: Welding: SMAW 5F & 6G Pipe)

Workplace Safety/NCCER Core - 13004G1.0011 - 1 credit paired with 17049G1.0012 (17049C1.0011 Dual Enrollment available with Northwest Louisiana Technical Community College)

Topics include basic workplace safety skills and introductory craft skills of hand and power tools. Students will work toward earning the NCCER Core, OSHA 10, and CPR/First Aid certifications. Various projects will be incorporated into the course to provide students with opportunities to practice hands-on skills using the various tools and equipment needed in entry-level maintenance positions.

HEALTH CARE COURSES OFFERED AT BPSTIL

Certified Nursing Assistant - 14051G2.0011 -2 Credit (14051C2.0011 Dual Enrollment available with BPCC & NLTC)

This course is designed to prepare students as Certified Nursing Assistants (CNA's) for jobs in hospitals, nursing homes, or other health care facilities. Students are taught basic entry-level skills and knowledge to provide personal and basic nursing care. Classroom instruction and simulated in-school laboratory activities provide the student with clinical skills and appropriate professional behavior. The primary focus is on skill development. Appropriate work-based learning strategies for this course include the development of individualized clinical and personal skills, specifically related to the nursing assistant. Students will participate in a clinical experience within a nursing home and hospital setting. Reinforced in this course are mathematics, science, written and oral communication skills, as well as basic nursing assistant clinical skills. Students successfully completing the course with the required grade in the clinical experience, a written examination, and a performance assessment will be eligible to become Certified Nursing Assistants in the state of Louisiana. Certification will be administered through Prometric. *Prerequisites: Introduction to Health Occupations/Medical Terminology, 2.5 GPA, and 12th grade.*

Emergency Medical Responder - 14055G2.0012 - 1 credit paired with Workplace Safety 13004G1.0011 - 1 credit

This course is designed to improve the quality of emergency medical care rendered to victims of trauma and illnesses. Topics include airway management, hemorrhage control, bandaging, simple spinal immobilization, and simple splinting and infection control. Oral and written communication skills and medical terminology are reinforced in this course through simulated in-school laboratory activities, designed to provide opportunities for the student to develop clinical skills and appropriate ethical behaviors. Appropriate work-based strategies for this course include the development of individualized clinical skills and field trips which will provide a good foundation for the entire Emergency Medical Services system. Students will also complete CPR-BLS for Healthcare Provider certification through American Heart Association guidelines. Emergency Medical Responder certification is possible in the state of Louisiana, upon successful completion of the course. Students have an opportunity to earn OSHA-10 General Industry (Healthcare) certification, in Workplace Safety.

Introduction to EMT - 2 credit

This college-level course is designed to begin preparing the student with advanced instruction to improve the quality of emergency medical care rendered to victims of trauma and illnesses. This course is designed to cover the first half of the EMT course focusing on preparation, patient assessment, and introduction to the Pharmacology portion of the EMT course. Topics will include the EMS system, wellness of the responder, legal and ethical considerations, communications, documentation, the human body, lifting and moving patients, steps of performing a patient assessment, and medications the EMT administers and assists in giving. This is a simulated course in which the proper professional and technical equipment are in place for training on the equipment. Students must be able to complete clinical requirements outside of the classroom time on the approved ambulance service. Students must be certified in CPR-BLS for Healthcare Provider, with the American Heart Association prior to EMT-Basic certification. This course is designed to begin preparing for ALL State and National requirements for testing in the EMT-Basic via the National Registry Exam. This class is for the serious student who would like to be better trained to respond to medical emergencies, or are interested in a career in the fire or EMS service or Emergency Medicine. Students must complete the EMT course in addition to this course to be eligible for certification.

Prerequisite: Successful completion of the Emergency Medical Responder course with a final grade of 85% or higher and earning the Emergency Medical Responder certification and 11th or 12th-grade status.

Emergency Medical Technician (EMT) - 14055G2.0011 - 2 credits

This college-level course is designed to complete the student's knowledge of advanced instruction to improve the quality of emergency medical care rendered to victims of trauma and illnesses. Topics include medical emergencies, trauma emergencies, geriatric, pediatric, and pregnancy emergencies, extrication, ambulance protocols, and practical skills sessions. Reinforced in this course are legal, ethical, medical, and cultural issues, "Scope of Practice", documentation and communication skills, and infection control. Appropriate work-based learning strategies for this course are clinical experiences, guest lectures by other professionals, and experienced ambulance staff assisting with skills competence. This is a course in which the proper professional and technical equipment are in place for training on the equipment. Students must be able to complete clinical requirements outside of the classroom time on the approved ambulance service. A minimum of 10 patient contacts will be required. Students must be certified in CPR-BLS for Healthcare Provider with the American Heart Association, prior to EMT-Basic certification. This course is designed to complete the needed State and National requirements to prepare for testing in the EMT-Basic via the National Registry Exam. This class is for the serious student who would like to be better trained to respond to medical or trauma emergencies or are interested in a career in the fire or EMS service or Emergency Medicine.

Prerequisite: Successful completion of the Intro to Emergency Medical Technician course, hold the Emergency Medical Responder certification, and 12th-grade status.

Introduction To Health Occupations/Medical Terminology - 14001G1.0011/14154G1.0011 - 2 credits (14154C1.0011 Dual Enrollment available with BPCC)

This course is designed to determine the health care career most suited to the student's goal by learning the specifics of each role and the factors that affect professional performance. This is an introductory course designed to provide the student with an exploratory experience that offers information on a variety of health care medical career fields. Education and responsibilities of various health careers will be explored, along with basic concepts common to all health careers. These concepts include: medical terminology, safety and accident prevention, professionalism, legal aspects, computers in health care, and an introduction to anatomy and physiology. Guest speakers and field trips to various health facilities are conducted to enhance the curriculum. Medical terminology provides the student with the ability to identify medical terms by analyzing their components. Emphasis is placed on defining medical prefixes, root words, suffixes, and abbreviations. First Aid and BLS Healthcare Provider (CPR certification) are integrated in the course. This course is a prerequisite for the Certified Nursing Assistant program.

Medical Assistant - 14151G2.0011 - 2 credits

This course is offered in the spring term only of the senior year. CNA knowledge and skills needed to obtain a Medical Assistant certification are reinforced. An introduction to electrocardiograms and phlebotomy will be included as well as anatomy and physiology, communication and professional aspects, and administrative procedures. This course will give students more marketable skills to gain employment in various health care facilities. Clinical experience is possible depending on availability of local health care clinics and facilities.

Prerequisite: Successful completion of the CNA course.

SCHOOL-TO-WORK COURSES

(courses require transportation to class and work site)

Career and Technical Education Internship I & II- 22153G1.0012, 22153G2.0012, 22153G1.0022, or 22153G2.0022 (1 or 2 credits each)

These courses are designed to provide career and technical education students an opportunity to apply learned skills in the workplace. Paid internships are provided, and the student has the opportunity to explore a single potential career or a combination of careers they may be considering. Emphasis will be placed on developing interpersonal skills, work ethics, relevant skills of the workplace, and an understanding of the selected career field of study. Oral and written communication skills are reinforced in this course as the student completes their workplace experience. Students may take this course for one or two terms. *(Prerequisites: Acceptance into the internship is based on an application process with a teacher and/or administrator recommendation. Good attendance and discipline records are required. Students must be 16 years of age, provide their own transportation to class and worksite, and attain 180 work hours for 1 credit or 360 hours for 2 credits per semester.*

Community Involvement- 22999G1.0022 - 1 credit

This course emphasizes personal, social, intellectual, and academic development through classroom activities and time volunteered in areas of community need.

(Prerequisite: 12th grade.)

Cooperative Marketing Education (DECA) - 4 credits

Cooperative Marketing Education I— 12198G3.0012 - 3 credits

Students receive course credit for successful completion of classroom academics in the course in which they are enrolled and on the job training. Students work under the guidance of a teacher facilitator in collaboration with community members and business representatives who serve as on-the-job trainers. Students are evaluated both in the classroom and on the job. The final course grade is a combination of classroom and work site job performance. *(Prerequisite: Transportation is required) Dual enrollment at BPCC available*

Entrepreneurship – 12166G1.0011 - 1 credit

This course is designed to introduce students to the rewards and risks of owning or operating a business enterprise. Emphasis is placed on the mastery of skills needed to plan, organize, manage, operate and finance a business using current technology. Skills in communication, technical writing, mathematics, research, and problem solving are reinforced as each student prepares a business plan. Work-based learning strategies appropriate for this course include cooperative education, school-based enterprises, job shadowing, and paid/unpaid internships. Simulations, projects, teamwork, DECA leadership activities, conferences, and competitions provide opportunities for application of instructional competencies.

Cooperative Marketing Education II/Tourism Marketing (DECA) - 4 credits

Cooperative Marketing Education II— 12198G3.0022 - 3 credits

Students received course credit for successful completion of classroom academics in the course in which they are enrolled and on the job training through this course. Students work under the guidance of a teacher facilitator in collaboration with community members/business representatives who serve as on-the-job trainers. Students are evaluated both in the classroom and on the job. The final course grade is a combination of classroom and work site job performance. *(Prerequisite: Cooperative Marketing Education I, transportation to and from class and worksite is required)*

Tourism Marketing - 12159G1.0011 - 1 credit

This course is designed to introduce students to the tourism industry, which provides for customer's needs, wants and demands as they travel. Students will explore the business activities related to accommodations, prepared food and beverage service, travel and entertainment. Students will examine products related to tourism with emphasis placed on hospitality and customer service. *(Prerequisites: English I & II)*

Cooperative Office Education (COE)— 12002G3.0011 - 3 credits

This course is designed as an introductory course covering the concepts, procedures, and applications of a word processing program. Emphasis is placed on skill development and efficient operation of the program in creating, storing, retrieving, editing, printing, and manipulating documents. Skills in keyboarding and critical thinking are reinforced in this course as students' format, create, and proofread brochures, programs, newsletters, powerpoint presentations, and manuscripts. *(Prerequisite: Keyboarding/Keyboarding Applications or Introduction to Business Computer Applications. Transportation to and from class and worksite is required. Students must be scheduled in the COE class all year to attain 4 credits-3 for COE and 1 for either Entrepreneurship or Word Processing-no partial credit)*

GENERAL ELECTIVES

Driver Ed/Traffic Safety - 08152G0.5011 - 0.5 credit

Bossier Parish Schools currently offers the Drivers Education program to students at 4 high schools—Bossier, Benton, Haughton and Airline. This course is taught after school for a fee of \$400 and is subject to instructor availability. Students who successfully complete the course earn a ½ credit that is listed on their official transcripts. The fee for the course covers the cost of leasing vehicles, rental and liability insurance, curriculum material, and instructor pay. The curriculum is provided by the Department of Public Safety and requirements can be found in Title 55, Public Safety, Part III Motor Vehicles. Drivers Education is a 30-hour classroom course with eight additional hours of behind-the-wheel instruction. The course is closely monitored and audited each summer by the Department of Public Safety.

FAQ (Page Under Revision as Questions Arise)

Q: Can a dual enrollment course be labeled “AP”?

A: Yes, but the dual enrollment syllabus would have to be approved through the CollegeBoard course audit process. Additionally, the course name would have to comply with the guidelines set by the College Board.

<https://apcentral.collegeboard.org/courses/ap-course-audit/faqs/dual-enrollment>

Q:	
A:	

The Bossier Parish School System shall not discriminate in the rendering of services to and/or Employment of individuals because of race, color, sex, religion, age, national origin, handicap, disability, Veteran status, or any non-merit factor.