LIBERTY MAGNET HIGH SCHOOL

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INTRODUCTION

This guide outlines graduation requirements, scheduling requirements, course summaries, and other important information. We strongly advise all students to seek the counsel of their parents and their Liberty counselor and teachers before selecting courses for the coming year. **Students in all grades are required to schedule eight classes** (five courses will meet academic graduation requirements, two will meet STEM pathway requirements, and one free elective). Each student must take an English, science, math, and social studies class each year. All honors (H), dual enrollment (DE), and advanced placement (AP) courses carry one extra quality point for students who earn grades of "C" or above used to determine a student's grade point average. We strongly recommend that 9th-grade students allow for adjustment to high school when scheduling courses. To be considered for honors, advanced, and/or upper-level classes, 9th-grade students must provide documentation of readiness or eligibility (Liberty placement test scores, overall GPA, subject area GPA, reading stanine on national standardized tests.) The Liberty math and spanish departments strongly recommend placement based on a department administered proficiency exam. Liberty follows a rigorous college preparatory curriculum. Students who follow the recommended placement historically score higher on the ACT and are more successful at Liberty. Liberty is a college-preparatory magnet high school and we take pride in providing a quality education for our students. We expect our students to earn more than the minimum requirements for graduation. At the end of four years, our students will have a total of 32 units of credit including up to 8 elective units in Engineering, Biomedical, Digital Media,or Computer Science.

MINIMUM REQUIREMENTS FOR TOPS UNIVERSITY DIPLOMA

Requirements are subject to change per state guidelines. See LouisianaBelieves.com for more info. The list encompasses course offerings at Liberty.

English (4 Units)
Shall be English I honors; English II honors; English III or AP English Language; and English IV or AP English Literature

Mathematics (4 Units)
Shall be Algebra I, Geometry, Algebra II. The remaining unit shall come from the following: Algebra III, Advanced Math I/PreCalculus Honors, Calculus and Statistics

Science (4 Units)
Shall be Biology and Chemistry. The remaining units shall come from the following: Physics I, Biology II, Chemistry II, or Environmental Science

Social Studies (4 units)
Shall be Civics or AP Government, and US History; two units from the following: AP Human Geo.; World History; African American Studies; or AP Psychology

PE (1½ units) and Health Education (½ unit)
Shall be 1 unit of PE I and ½ unit of PE II plus ½ unit of Health Education. JROTC I and II may be used to meet the PE and Health Education requirements provided the requirements in Section 2347 of Bulletin 741 are met.

Foreign Language (2 units)
Shall be 2 units in the same foreign language.

Financial Literacy (1 unit) (Class of 2028 and beyond)

Arts (1 unit)

Art, Band, Choir, Theatre, Fine Arts Survey, Photography, Engineering Design/Development, Dance

Electives (3 units)/ 2 units (class of 2028 and beyond)

TOTAL (24 units)

THE STATE BOARD OF ELEMENTARY AND SECONDARY EDUCATION (BESE) LEAP 2025 EXAM POLICY EXPLAINS:

In addition to completing a minimum of Carnegie Units of credit, students must pass required LEAP 2025 Tests in the following categories:

Algebra I/Geometry English I/English II Biology/U.S. History

Biology/Civics (Class of 2028 and beyond)

TOPS

Louisiana Tuition Opportunity Programs for Students is a comprehensive program of state scholarships and assistance programs. Specific courses, grade point averages, ACT scores and other eligibility requirements are necessary for this program. Beginning with the class of 2018, the calculation of the TOPS Core Curriculum GPA will use a Five point scale for grades earned in AP and Dual Enrollment courses.

COUNSELING

A counselor is assigned to students at Liberty to help them during their high school career. A student may schedule a conference with a counselor for any number of reasons: scheduling, career counseling, college and scholarship consulting, testing, written recommendations and references, and personal problems. Strict confidentiality is maintained except when there is imminent personal danger or threat to others. Counselors are always available for consultation and guidance. Students also have access to a School Social Worker by referral from the school counselor.

ACT

Scores from the ACT test are used by most colleges and universities as part of entrance and scholarship requirements. Some accommodations may be available to students with special needs - see ACT guidelines. All juniors and seniors take the ACT in the spring.

INDIVIDUAL GRADUATION PLAN

Each student shall develop, with the input of his/ her family, an Individual Graduation Plan to include a sequence of courses that is consistent with the student's stated goals for their four years in high school and one year after graduation. Each student's Five Year Educational Plan shall be reviewed annually by the student, parent, and counselor and revised as needed.

SCHOLASTIC HONOR POLICY

The Liberty Magnet High School Honor and Academic Policies will be strictly enforced.

FEES

The school fee of $75 is due at orientation and is used to support administrative functions, technology, and schoolwide instruction. An additional Senior fee is due at orientation and is used to cover costs associated with conducting the graduation ceremony. Students unable to pay fees may apply to the Executive Secretary for a hardship waiver. Fees may be reduced or waived for students whose families are experiencing economic hardships including but not necessarily limited to: families receiving unemployment benefits or public assistance; foster families caring for children in foster care; and families that are homeless. All hardship waivers and supporting documentation shall be kept confidential. If a hardship waiver is denied, it may be appealed to the Principal.

SCHEDULING: SELECTION AND CHANGES

The selection of teachers is not permitted at any time. Classes may be changed by the principal or designee in order to balance or to change a student who has previously passed a course or to meet graduation or college entrance requirements or as an intervention based on the current course change policy. Students may NOT change courses once school has started.

ADVANCED PLACEMENT COURSES

AP Courses are rigorous courses to give high school students the opportunity to experience college course material with the potential to earn college credit while still in high school. Students should be college-bound with a good work ethic. Students are expected to take the AP Exam at the end of the course. The $97 AP Exam Fees are set by College Board, the AP Exam provider. Honors requirements and teacher recommendations are required. For more info about AP: testing samples, scoring of exams, fees, and reduced fee opportunities, please refer to www.collegeboard.org/. Students enrolled in AP Courses are required to take the AP Exam.

CLEP TEST

In some courses, students may have the opportunity to take the CLEP exam to earn college credit. CLEP is also a College Board product that awards students college credit to institutions who recognize the CLEP test. The CLEP exam fee is $90. CLEP exams are multiple choice tests that do not have written portions.

DUAL ENROLLMENT COURSES

Dual Enrollment courses provide students the opportunity to receive college credit while still in high school. Students must complete all of the course work required for the college course in order to receive the credit. Dual Enrollment has strict prerequisites, noted within the course descriptions that must be met for enrollment. Students must meet the Board of Regents and University requirements to be eligible for Dual Enrollment courses. Incoming 9th grade students are universally eligible for DE under the Early College Academy Model (Pathways to Bright Futures).

HONORS COURSES

Courses listed as honors will earn an additional quality point. Honors courses are more rigorous and require students to be self-directed learners who can keep up with a faster-paced, more content enriched course. Teacher recommendation or minimum LEAP scores are required for enrollment in honors courses.

Grading Scales

Regular Courses	Quality Points	Honors AP/Dual Enrollment *extra QP*	Quality Points
90-100 = A	4	90-100 = A	5
80-89 = B	3	80-89 = B	4
70-79 = C	2	70-79 = C	3
60-69 = D	1	60-69 = D	1
59-0 = F	0	59-0 = F	0

MAGNET ADMISSIONS/STATUS

Students must maintain a cumulative GPA of 2.5 to remain enrolled at Liberty Magnet High School. Students who drop below a 2.5 will be placed on Academic Probation for one semester. At the end of probation a student will either improve their cumulative GPA to meet the minimum requirement or will have their magnet status revoked at the end of the year, sending the student back to their home school. **Students who fail a core course must recover the credit in summer school prior to returning the next school year. Students who fail STEM courses will be required to retake them in place of their free elective the following year.**

COURSE OFFERINGS:

Note that course offerings, content, requirements, and fees are subject to change as stipulated by the state and/or parish. AP courses substitute where state course codes align. Final course offerings will be determined by student requests.

Below is a course matriculation matrix for students at Liberty Magnet High School. STEM Core requirements may overlap with AP courses, opening more opportunities for choice in the course selection process during the Junior & Senior years.

School counselors should be consulted at each step of the scheduling process. It is imperative that students and parents work with counselors to develop a quality Individual Graduation Plan (IGP) to ensure graduation and STEM pathway requirements are met while also opening up opportunities for students to explore a variety of courses over the four year period.

Free Electives are open for students to take any grade-level appropriate course. AP courses are available to all students with some foundational remediation opportunities available. Dual enrollment eligibility is determined by the Board of Regents and the sponsoring university/college. Students who do not meet Dual Enrollment requirements will not be able to register for the course. Students will not be removed from courses during the year, making the spring course selection process extremely important.

LSU STEM Pathway Courses

CLASS OF 2026 and 2027
STEM PATHWAY COURSE PROGRESSION

	Freshman	Sophomore	Junior	Senior
English Core	English I	English II	English III or AP Language or Eng. III/Eng. IV DE	English IV or AP Literature or DE Coursework
Math Core	1st Math Course	2nd Math Course	3rd Math Course	4th Math Course (AP or DE)
Science Core	Env. Science or AP Env. Science	Biology I or Biology I DE	Chemistry or Chemistry H	Physics AP Physics I AP Chemistry II AP Biology II/DE
Social Studies Core	AP Human Geog. or World Geog. DE 2113 & World History DE 1113	AP Government or Government DE & Psychology DE 2013	US History AP US History	World History Afr-Amer. History AP Euro History AP/DE Psychology
Grad. Req.	Phys Ed I or JROTC I or Cyber	Phys Ed II/Health or JROTC II or Cyber	*Foreign Language or Free Elective or DE Options*	*Foreign Language or Free Elective or DE Options*
STEM Req.	Int. Comp. Think.	Pathway Progression	Pathway Progression	Pathway Progression
STEM Req.	Pathway Intro Course	Pathway Progression	Pathway Progression	Pathway Progression
FREE ELECTIVE	*Foreign Language* or Free Elective	*Foreign Language* or Free Elective	*ACT Prep* *(based on PreACT Scores)* or Free Elective	**Financial Literacy (required-Class of 2028 & beyond)**

- **Students in the STEM Pathway progression will have a four year scheduling plan that culminates in a Gold STEM diploma seal awarded in one of the four LSU STEM pathways.**

- **Students on the STEM Pathway may still elect to take Dual Enrollment courses where offered in the course progression above. Students will select whether or not to apply the grade to the college transcript at the end of the semester.**

CLASS OF 2026 and 2027

TRANSFER DEGREE COURSE PROGRESSION (Proposed)

	Freshman	Sophomore	Junior	Senior
English Core	English I	English II	**Eng. III/Eng. IV DE**	**ENGL 2133 Literature and Ethnicity AND ENGL 2313 Intro to Poetry and Drama**
Math Core	1st Math Course	2nd Math Course	3rd Math Course	**College Algebra DE1213 AND Trigonometry DE 1223**
Science Core	Environmental Sci or AP Env. Science	**Biology I/BIOL DE 1013**	**Biology II DE 1023 Chemistry DE (Class of 2026)** **Chemistry/Chemistry Honors (Class of 2027)**	**Physical Science I and II DE (1023/1033)-optional/ required for some (Class Of 2026 only)** Physics Physical Science AP Biology II AP Physics I AP Chemistry II **Biology II/Physical Science 1 DE (Class of 2027 only)**
Social Studies Core	**World Geog. DE & World History DE**	**Government DE & Psychology DE**	US History AP US History	**African Amer Hist DE-2103** **World History II DE-1123**
Grad. Req.	Phys Ed I or JROTC I or Cyber	Phys Ed II/Health or JROTC II or Cyber	**For. Lang DE** or **Sociology DE 2013 / Philosophy DE 1013**	Foreign Language or **Intro to Visual Arts DE-1023 AND Intro to Ethics DE- PHIL2013**
STEM Req.	Int. Comp. Think.	Pathway Progression	**Speech I DE 1013** **Speech II DE 2013**	Pathway Progression or Free Elective
STEM Req.	Pathway Intro Course	Pathway Progression	Pathway Progression	Pathway Progression
FREE ELECTIVE	Foreign Language or Free Elective	Foreign Language or Free Elective	ACT Prep *(based on PreACT Scores)* or Free Elective	Free Elective

- **Students in the Louisiana Transfer Degree Program (Associates Degree) will take prescribed Dual Enrollment courses in an area of concentration. Areas of concentration will be selected when scheduling 10th grade courses.**
- **Students in the Louisiana Transfer Degree Program will also select a STEM Pathway and scheduling will be aligned with completion of a silver STEM diploma seal awarded in one of the four LSU STEM Pathways.**
- **Students must accept the college transcript grade in Dual Enrollment courses. **In order to meet the requirements to earn a Transfer Degree, all college credits in the course progression plan must be completed.****
- **BRCC will be the issuing institution of the Louisiana Transfer Degree.**

CLASS OF 2028

STEM PATHWAY COURSE PROGRESSION

	Freshman	Sophomore	Junior	Senior
English Core	English I or English I Honors	English II English II Honors	English III or AP Lang and Comp	English IV or AP Literature
Math Core	Algebra I Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	PreCalc / Adv Math AP Calculus (A/B;B/C) Algebra III AP Statistics
Science Core	Physical Science or Env. Science or AP Env. Science	Biology or Biology Honors	Chemistry Chemistry Honors	Physics AP Physics Biology II AP Chemistry II AP
Social Studies Core	World Geography AP Human Geography	US History AP US History	Civics AP Government	African-American Hist or World History or AP Euro
Grad. Req.	Phys Ed I or JROTC I or Cyber	Phys Ed II/Health or JROTC II or Cyber	Foreign Language	Foreign Language
STEM Req.	Int. Comp. Think.	Pathway Progression	Pathway Progression	Free Elective or Pathway Progression
STEM Req.	Pathway Intro Course	Pathway Progression	Pathway Progression	Pathway Progression
FREE ELECTIVE	Free Elective	Free Elective	ACT Prep *(based on PreACT Scores)* or Free Elective	Financial Literacy

- **Beginning with the 2024 cohort and beyond, students must take and pass Financial Literacy as a requirement for graduation.**

CLASS OF 2028

TRANSFER DEGREE COURSE PROGRESSION (Proposed)

	Freshman	Sophomore	Junior	Senior
English Core	English I	English II	**Eng. III/Eng. IV DE**	**ENGL 2133 Literature & Ethnicity** and **ENGL 2313 Intro to Poetry & Drama**
Math Core	1st Math Course	2nd Math Course	3rd Math Course	**College Algebra DE1213** and **Trigonometry DE 1223**
Science Core	Physical Science	**Biology I DE**	Chemistry Chemistry Honors	**Biology II DE** **Additional science DE**
Social Studies Core	**World Geog. DE** and **World History DE**	US History AP US History	Civics or AP Government	**African Amer Hist DE-2103** **World History II DE-1123**
Grad. Req.	Phys Ed I or JROTC I or Cyber	Phys Ed II/Health or JROTC II or Cyber	**For. Lang DE** or **Sociology DE & Philosophy DE**	**For. Lang DE** or **Intro to Visual Arts DE-1023 AND Intro to Ethics DE-PHIL2013**
STEM Req.	Int. Comp. Think.	Pathway Progression	**Speech I DE** **Speech II DE**	Free Elective or Pathway Progression
STEM Req.	Pathway Intro Course	Pathway Progression	Pathway Progression	Pathway Progression
FREE ELECTIVE	**For. Lang DE** or Free Elective	**For. Lang DE** or **Psychology DE/ Sociology 2413**	ACT Prep *(based on PreACT Scores)* or Free Elective	Financial Literacy

- **Students in the Louisiana Transfer Degree Program (Associates Degree) will take prescribed Dual Enrollment courses in Humanities.**
- **Students in the Louisiana Transfer Degree Program will also select a STEM Pathway and scheduling will be aligned with completion of a silver STEM diploma seal awarded in one of the four LSU STEM Pathways.**
- **Students must accept the college transcript grade in Dual Enrollment courses. **In order to meet the requirements to earn a Transfer Degree, all college credits in the course progression plan must be completed.****
- **BRCC will be the issuing institution of the Louisiana Transfer Degree.**
- **Beginning with the 2024 cohort and beyond, students must take and pass Financial Literacy as a requirement for graduation.**

CLASS OF 2029

STEM PATHWAY COURSE PROGRESSION ****Proposed*

	Freshman	Sophomore	Junior	Senior
English Core	English I or English I Honors	English II English II Honors	English III AP Lang and Comp	English IV AP Literature
Math Core	Algebra I Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	PreCalc / Adv Math AP Calculus (A/B;B/C) Algebra III AP Statistics
Science Core	Physical Science or Physical Science Honors	Biology I Biology I Honors	Chemistry Chemistry Honors	Physics AP Physics Biology II AP Chemistry II AP
Social Studies Core	World Geography AP Human Geography	US History AP US History	Civics AP Government	African-Amer. Hist or World History or AP Euro History
Grad. Req.	Phys Ed I or JROTC I or Cyber	Phys Ed II/Health or JROTC II or Cyber	Foreign Language	Foreign Language
STEM Req.	Int. Comp. Think.	Pathway Progression	Pathway Progression	Free Elective or Pathway Progression
STEM Req.	Pathway Intro Course	Pathway Progression	Pathway Progression	Pathway Progression
FREE ELECTIVE	Free Elective	Free Elective	ACT Prep *(based on PreACT Scores)* or Free Elective	Financial Literacy

- **Beginning with the 2024 cohort and beyond, students must take and pass Financial Literacy as a requirement for graduation.**

CLASS OF 2029

TRANSFER DEGREE COURSE PROGRESSION*****Proposed*

	Freshman	Sophomore	Junior	Senior
English Core	English I or English I Honors	English II English II Honors	**Eng. III/Eng. IV DE**	**ENGL 2133 Literature & Ethnicity** and **ENGL 2313 Intro to Poetry & Drama**
Math Core	Algebra I Algebra I Honors	Geometry or Geometry Honors	Algebra II or Algebra II Honors	**College Algebra DE1213** and **Trigonometry DE 1223**
Science Core	Physical Science or Env. Science or AP Env. Science	**Biology I DE**	Chemistry Chemistry Honors	**Biology II DE Additional science DE**
Social Studies Core	World Geography AP Human Geography	US History AP US History	Civics AP Government	**African Amer Hist DE-2103 World History II DE-1123**
Grad. Req.	Phys Ed I or JROTC I or Cyber	Phys Ed II/Health or JROTC II or Cyber	**For. Lang DE** or **Sociology DE & Philosophy DE**	**For. Lang DE** or **Intro to Visual Arts DE-1023 AND Intro to Ethics DE-PHIL2013**
STEM Req.	Int. Comp. Think.	Pathway Progression	**Speech I DE Speech II DE**	Free Elective or Pathway Progression
STEM Req.	Pathway Intro Course	Pathway Progression or **World Geog. DE** and **World History DE**	Pathway Progression	Pathway Progression
FREE ELECTIVE	Free Elective	**For. Lang DE** or **Psychology DE/ Sociology 2413**	ACT Prep *(based on PreACT Scores)* or Free Elective	Financial Literacy

- **Students in the Louisiana Transfer Degree Program (Associates Degree) will take prescribed Dual Enrollment courses in Humanities.**
- **Students in the Louisiana Transfer Degree Program will also select a STEM Pathway and scheduling will be aligned with completion of a silver STEM diploma seal awarded in one of the four LSU STEM Pathways.**
- **Students must accept the college transcript grade in Dual Enrollment courses. **In order to meet the requirements to earn a Transfer Degree, all college credits in the course progression plan must be completed.****
- **BRCC will be the issuing institution of the Louisiana Transfer Degree.**
- **Beginning with the 2024 cohort and beyond, students must take and pass Financial Literacy as a requirement for graduation.**

Class of 2026-2027 STEM Pathways
Course Offerings & Progression

Biomedical Sciences

Required Courses (all 4)	Complementary Courses (need 4)	
Introduction to Computational Thinking (9th) Introduction to Biomedical Sciences (9th) Comparative Anatomy & Physiology (10th) Biomedical Capstone w/internship (12th) **OR** Data Manipulation & Analysis	Forensic Science Biology II DE (1013) AP Biology II AP Environmental Science AP Psychology AP Chemistry	AP Calculus AB AP Calculus BC AP Statistics AP Computer Science A AP Computer Science Principles

Computing

Required Courses (all 4)	Complementary Courses (need 4)	
Introduction to Computational Thinking (9th) Cybersecurity (9th) Interactive Computing (10th) Programming for STEM (10th) **OR** Data Manipulation & Analysis	AP Computer Science A AP Computer Science Principles Video Game Design Coding for the Web Robotics Advanced Robotics Programming Digital Media	AP Calculus AB AP Calculus BC AP Statistics AP Physics I Biology II DE (1013) Data Manipulation and Analysis

Digital Design and Emergent Media

Required Courses (all 4)	Complementary Courses (need 4)	
Introduction to Computational Thinking (9th) Digital Storytelling (9th) Coding for the Web (10th) Programming for Digital Media (11th)	Film & TV (1st course) Basic/Adv Film (2nd course) Photography I Photography II Sound Design (DE option) Video Game Design Dig. Image & Motion G (DE opt) AP Art 3D	Interactive Digital Media AP Calculus AB AP Calculus BC AP Statistics AP Computer Science A AP Computer Science Principles Data Manipulation and Analysis

Pre-Engineering

Required Courses (all 4)	Complementary Courses (need 4)	
Introduction to Computational Thinking (9th) Introduction to Engineering (9th) Robotics (10th) Engineering Development and Design (10th)	Principles of Engineering Advanced Robotics Engineering Economy (DE opt.) Data Manipulation and Analysis AP Calculus AB AP Calculus BC AP Statistics AP Physics I	AP Computer Science A AP Computer Science Principles AP Biology II Biology II DE (1013) AP Chemistry AP Environmental Science Environmental Science Trigonometry DE

Pathways - Credentials Focus Class of 2028

Pre-Healthcare & Pre-Veterinary

Required Courses	Complementary Courses	
Intro to Biomedical Science or Principles of Biomedical Sciences (9th) Comparative Anatomy & Physiology or Human Anatomy and Physiology (9th) Forensic Science (10th) **CIW Internet Business (11th)** **CIW Web Development (12th)**	AP Computer Science A AP Computer Science Principles AP Psychology Biomedical Capstone Data Manipulation & Analysis Forensic Science Intro to Psycho (DE) *Biomedical Innovations*	Adv Math - Pre-Cal Bio II: AP Biology AP Calculus AB AP Calculus BC AP Chemistry AP Environmental Science AP Physics AP Psychology AP Statistics Biology DE

Computing & CyberSecurity

Required Courses	Complementary Courses	
Intro to Computational Thinking (9th) Cybersecurity (9th) **CIW Internet Business (10th)** **CIW Web Development (11th)** Survey of Computer Science (12th)	AP Computer Science A AP Computer Science Principles Video Game Design Coding for the Web Robotics Robotics Advanced Programming Digital Media	AP Calculus AB AP Calculus BC AP Statistics AP Physics I Biology II DE (1013) Data Manipulation and Analysis

Digital Design and Emergent Media

Required Courses	Complementary Courses	
Digital Storytelling or **Media Arts 1 (9th)** **Intro to Computational Thinking** or CyberSociety (9th) **Media Arts 2 (10th)** Coding for the Web (10th)	Film & TV (1st course) Basic/Adv Film (2nd course) Photography I Photography II Sound Design (DE option) Video Game Design Dig. Image & Motion G (DE opt) AP Art 3D	Interactive Digital Media AP Calculus AB AP Calculus BC AP Statistics AP Computer Science A AP Computer Science Principles Data Manipulation and Analysis

Pre-Engineering

Required Courses	Complementary Courses	
Intro to Computational Thinking (9th) Introduction to Engineering (9th) **Principles of Engineering (10th)** **Engineering Development and Design (11th)**	Principles of Engineering Advanced Robotics Engineering Economy (DE opt.) Data Manipulation and Analysis AP Calculus AB AP Calculus BC AP Statistics AP Physics I	AP Computer Science A AP Computer Science Principles AP Biology II Biology II DE (1013) AP Chemistry AP Environmental Science Environmental Science Trigonometry DE

1st Level	2nd Level	3rd Level	4th+ Level
English I English I Honors	English II English II Honors	English III AP Language and Comp. English III/IV DE	English IV AP Literature and Comp. English 2133/2313 DE

ENGLISH I/ ENGLISH I HONORS

This course focuses on developing students' close-reading skills by analyzing and discussing fiction and non-fiction texts from various time periods, places, and cultures of the world. Students will read and discuss short stories, articles, essays, poems, drama, and a novel. The course includes instruction in grammar and writing with an emphasis on planning, organizing, and writing paragraphs and essays and supporting claims with evidence, and research skills are introduced. *Refer to requirements for honors (page 4).

ENGLISH II/ ENGLISH II HONORS

This course emphasizes refinement in the skills of literary analysis through reading and writing about fiction and non-fiction texts from a variety of time periods and cultures. Students will analyze short stories, articles, essays, poems, drama, and a novel to explain how authors develop themes and arguments. The course includes instruction in grammar and writing with an emphasis on composing organized and well-developed essays in forms such as literary analysis, narrative, and research. *Refer to requirements for honors (page 4).

ENGLISH III

This course provides an overview of American literature and the dominant ideas and styles of major American writers, focusing on different genres and movements particular to America. The writing will focus on literary analysis and argument as well as the process of writing a fully documented research paper.

AP ENGLISH LANGUAGE AND COMPOSITION

This course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods. **This course can substitute for English III.* *AP Exam / CLEP Exam Required

ENGLISH IV

This course is a survey of British literature selections from the Anglo-Saxon period to the present. Students will read and discuss poetry, drama, and stories, analyzing the language, history, and philosophy that has influenced the literature. The primary modes of writing are analytical and argumentative, and research writing and skills are reinforced.

AP LITERATURE AND COMPOSITION

The AP English Literature and Composition course focuses on reading, analyzing, and writing about fiction, poetry, and drama from various periods. Students engage in close reading and critical analysis of literature to deepen their understanding of the ways writers use language to convey meaning and themes. Writing assignments include analytical and argumentative essays that require students to analyze and interpret literary works. **This course can substitute for English IV.* *AP Exam Required

ENGL 1013 (ENGL 101) English Composition I **College Credit 3**

(High school credit-English III)

Introduces students to the critical thinking, reading, writing and rhetorical skills required in the college/university and beyond, including citation and documentation, writing as process, audience awareness, and writing effective essays.

Prerequisite: Appropriate placement test score, OR ENGL 0091 (or ENGL 091) with a “C” or better or ENGL 0093 with an “S”.

Co-requisite: None

ENGL 1023 (ENGL 102) English Composition II **College Credit 3**

(High School Credit-English IV)

Continuation and further development of material and strategies introduced in ENGL 1013 (ENGL 101). Primary emphasis on composition, including research strategies, argumentative writing, evaluation, and analysis. Prerequisite: Appropriate placement test score OR ENGL 1013 (or ENGL 101) with a grade of “C” or better

Co-requisite: None

ENGL 2133 Literature and Ethnicity **College Credit 3**

Studies the literature of America’s diverse ethnic cultures, especially Native American, Asian, Hispanic, Jewish, and African-American. Includes critical analysis and writing about literature.

Prerequisite: ENGL 1023 with a grade of 'C' or better

Co-requisite: None

ENGL 2313 Intro to Poetry and Drama **College Credit 3**

Introduces poetry/drama; includes critical analysis and writing about poetry/drama.

Prerequisite: ENGL 1023 with a grade of 'C' or better

Co-requisite: None

ENGLISH FREE ELECTIVES

CREATIVE WRITING (11, 12)

This course is a writing workshop that focuses primarily on writing short memoirs, short stories, short plays, and poetry. Students will be required to analyze the works of published authors, produce multiple drafts of their own work, and workshop the pieces of other students with the goal of creating publishable pieces.

MATHEMATICS

1st Level	2nd Level	3rd Level	4th+ Level
Algebra I Algebra I Honors	Geometry Geometry Honors	Algebra II Algebra II Honors	Algebra III Adv Math Pre Calculus Advanced Math DE AP Calculus AB AP Calculus BC AP Statistics

ALGEBRA I/ ALGEBRA I HONORS

This is an entry-level course that bridges the gap between the concrete ideas of mathematics and the abstract thinking of Algebra. Topics studied include variables; operations and properties of real numbers; equivalent expressions and equations; solving and graphing linear equations and inequalities; factoring and solving quadratic equations; radicals; exponential growth; and probability. Special emphasis is placed on developing an understanding of functions through real-world applications. *Refer to requirements for honors (page 4).

GEOMETRY/ GEOMETRY HONORS

This course focuses on the study of visual patterns and the use of Geometry to describe the physical universe, to represent mathematical concepts, and to teach problem-solving skills. Students utilize inductive reasoning to discover patterns and make conjectures and employ deductive reasoning to confirm conjectures through proof. Topics include measurement formulas; geometric and spatial visualization; drawing skills; properties of congruence, similarity, parallelism, and perpendicularity; different methods of proof; properties of plane and solid figures; and transformations. Geometry provides unifying concepts that are used throughout high school mathematics. *Refer to requirements for honors (page 4).

ALGEBRA II/ ALGEBRA II HONORS

This course focuses on sharpening the understanding of concepts introduced in Algebra I and Geometry and extending the use of functions as models for real-world situations. Students explore algebraic expressions and forms, especially linear and quadratic forms, powers and roots, absolute value, and functions and graphs based on these concepts. Topics include logarithmic, exponential, and polynomial functions, and matrices. Algebraic and geometric topics are connected to topics in statistics, probability, science and engineering, and discrete math. Additional Honors level topics include conics, sequences, and series, probability and statistics and trigonometry. *Refer to requirements for honors (page 4).

ALGEBRA III

This course builds upon concepts learned in Algebra I and Algebra II. Topics covered include higher-level algebraic topics, complex numbers, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, sequences and series, and an introduction to matrices and determinants. Additional topics may include conic sections, probability, and trigonometry. The course focuses on deepening students' problem-solving skills, enhancing their algebraic reasoning, and preparing them for further studies in advanced mathematics or related fields. Scientific calculator recommended.

PRECALCULUS (ADVANCED MATH) HONORS

This is a college preparatory course that focuses on triangular and circular Trigonometry and Pre-Calculus. It further explores functions and their graphs through mathematical modeling, simulations, and real-world applications. Additional topics include analytic geometry, conics, logarithms, the Number e combinatorics and probability, derivatives, and the use of graphing calculators.

College Algebra is an in-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential, and logarithmic functions with applications; systems of equations. Scientific calculator recommended.

ADV MATH DUAL ENROLLMENT (LSU MATH 1021 AND 1022)

Two semesters, two dual enrollment courses: one semester of Math 1021 (College Algebra) followed by one semester of Math 1022 (College Trig.) where students can earn 6 credit hours. Prerequisite: **Math 1021:** Min. composite ACT-20 **AND** Min. math score of ACT-21 **AND** a 2.5 cumulative HS GPA. Prerequisite: **Math 1022:** Credit for MATH 1021

College Algebra (1021) is an in-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential, and logarithmic functions with applications; systems of equations. Scientific calculator (TI-30XIIs) required.

College Trigonometry (1022) is an in-depth treatment of solving trigonometric functions and graphs; inverse trigonometric functions; fundamental identities and angle formulas; solving equations; triangles with applications; polar coordinate systems. Scientific calculator (TI-30XIIs) required.

AP CALCULUS AB

Prerequisite: Completion or concurrent enrollment in Advanced Math

This course follows the suggested outline as provided by the Advanced Placement Program of the College Entrance Examination Board. It is an intensive study of differential and integral calculus. The three units are limits, derivatives, and integrals. Students will approach each topic numerically, graphically, and analytically. Students will use skills that have been taught in Geometry, Algebra II, and Advanced Math. This course will prepare students to take the required CLEP exam in the Spring and the AP exam that is in May. *AP approved graphing calculator is required.

AP CALCULUS BC

Prerequisite: Successful completion of Advanced Math Honors or AP Calculus AB

This course follows the suggested outline as provided by the Advanced Placement Program of the College Entrance Examination Board. This AP course covers concepts, skills, and applications of limits, derivatives, integrals, polar equations, parametric equations, sequences, series, and Taylor polynomials. This course teaches students to approach calculus concepts and problems graphically, numerically, analytically, verbally, and to make connections amongst these representations. This course will prepare students to take the AP exam that is in May. *AP approved graphing calculator required.

AP STATISTICS

Prerequisite: Successful completion of Advanced Math

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. This course provides an elementary introduction to probability and statistics with applications. Topics include basic probability models; combinatorics; random variables; probability distributions; statistical estimation and testing; confidence intervals; and an introduction to linear regression. Students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course is very hands-on, and students will be engaged in constructing their own knowledge through the use of technology, projects and laboratories, cooperative group problem-solving, and writing. This course will prepare students to take the AP exam that is in May. *Graphing calculator is required.

SCIENCE

1st Level	2nd Level	3rd Level	4th+ Level
Physical Science Physical Science (H)	Biology Biology Honors Biology I DE	Chemistry Chemistry Honors	Physics AP Physics I AP Chemistry AP Biology II Biology DE (1013/1023) Chemistry DE Environmental Science AP Environ. Science

Environmental Science/ AP Environmental Science

The Environmental Science course is designed to be equivalent to an introductory college Environmental Science course. The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the risks associated with these problems, and to examine alternative solutions resolving and/ or preventing them. In this course there will be a lab component as well as a field component. *Refer to requirements for honors (pg 4). *AP Test Required for AP Env. Sci.

BIOLOGY I

Students will do more than learn about science; they "do" science. Simply having content knowledge and scientific skills are not enough; students must investigate and apply content knowledge to scientific phenomena. Phenomena are real world observations that can be explained through scientific knowledge and reasoning (e.g., water droplets form on the outside of a water glass, plants tend to grow toward their light source, different layers of rock can be seen on the side of the road). Science instruction must integrate the practices, or behaviors, of scientists and engineers as students investigate real-world phenomena and design solutions to problems.

BIOLOGY I Dual Enrollment (PBF)

This DE course sequence is for the students in pursuit of the Associate's Degree under the Pathways to Bright Future Programs. Students will enroll in General Education College Freshman-level Biology courses and earn high school credit for Biology I. Students will take 1st semester HS Biology and will take DE during the 2nd semester.

CHEMISTRY I/ CHEMISTRY I HONORS

Students acquire an understanding of the basic principles of modern chemistry through classroom and laboratory work. Topics: matter and its composition, the mole concept, gas laws, atomic theory, bonding, thermal chemistry, chemical formulas, and equations, and acids, bases and salts, and varying degrees of math. *Refer to requirements for honors (pg 4).

PHYSICS

This course includes an introduction to mechanics (kinematics, dynamics, and conservation laws), fluids, heat, wave phenomena, optics, electricity, and magnetism. Math problem-solving techniques and laboratory investigations are emphasized. Students should have completed Algebra II prior to signing up for Physics due to math requirements.

AP PHYSICS 1

These courses are college-level, algebra-based physics courses taken together in one school year. AP Physics 1 (fall) topics include Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. *AP Test Required

AP CHEMISTRY II

This AP course is the equivalent to college chemistry and covers all concepts recommended in the AP Chemistry course description. It includes in-depth theoretical studies and extensive problem-solving. *AP or CLEP Test Required

AP BIOLOGY II

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions. *AP or CLEP Test Required

BIOLOGY II DE (1013/1023)

Biology II DE is a college-credit Biology course for non-science majors. Students will earn 6 hours of college Biology credit over two semesters by earning a grade of C or better in the course. The goal of Biology 1013 is to address the foundational units of life, the inheritance of traits, and how traits influence an organism's survival in their ecosystem. The goal of Biology 1023 is to address the diversity of life and the traits that are specific to each phylogenetic kingdom.

PHYSICAL SCIENCE

This course explores fundamental principles of physics and chemistry, including motion, forces, energy, atomic structure, and chemical reactions. Students engage in hands-on experiments and real-world problem-solving to develop critical thinking and scientific inquiry skills.

PHSC 1023 Physical Science I (same high school credit as regular physical science)College Credit 3

Surveys the wonders of the physical universe through a study of kinematics, Newton's laws of motion, rotational motion, fluids, thermodynamics, waves, the solar system and other key topics in astronomy. Not intended for science and engineering majors.

PHSC 1033 Physical Science II (does not count as a high school science course) College Credit 3

Surveys basic concepts and developments in chemistry, physics, astronomy and geology. Not intended for science and engineering majors. ***(does not meet 24 unit requirement for graduation)***

SOCIAL STUDIES

1st Level	2nd Level	3rd Level	4th+ Level
World Geography AP Human Geography	US History AP US History	Civics AP Government	World History AP European History AP Psychology African American History History 1123,2103 DE

WORLD GEOGRAPHY

World Geography is dedicated to the learning of the world around us, along with the issues that arise from our existence on this planet. This entry-level course is meant to introduce students to concepts, such as location, place, region, movement, and human-environment interaction that will scaffold into all future social studies courses.

AP HUMAN GEOGRAPHY

AP Human Geography is a full-year course designed to fulfill the curriculum expectations of a one-semester university human geography course. The course focuses on the processes and cause/ effect relationships of human populations. Students are required to complete additional readings, projects, presentations, and writing assignments.

U.S. HISTORY

United States History offers a study of the history of our nation from the Industrial Revolution until the present. Through content reading, independent research, and collaborative projects, students explore American culture through a chronological survey of major issues, movements, people, and events in the United States.

AP U.S. HISTORY

This course is a two-semester survey of United States History from the age of exploration and discovery to the present. Solid reading skills, along with a willingness to devote considerable time to homework and independent study are necessary to succeed. Emphasis is placed on critical thinking skills, essay writing, interpretation of original documents, and historiography. *This course can substitute for US History.*

CIVICS

Civics is designed to provide students with both practical knowledge about how the American system of government functions on local, state, and national levels, as well as an understanding of the philosophical and intellectual underpinnings of our constitutional republic.

AP US GOVERNMENT AND POLITICS

United States Government and Politics give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It requires familiarity with various institutions, groups, beliefs, and ideas that constitute the U.S. government and politics. Students are required to complete additional readings, projects, presentations, and writing assignments. *This course can substitute for Civics.*

POLI 2013 (POLI 251) American Government **College Credit 3**

Introduces the principles, institutions, processes, and functions of the United States government. Emphasizes national government, development of the constitutional system, and the role of the citizen in the democratic process.

Prerequisite: None Co-requisite: None

WORLD HISTORY
World History examines the development of society over time from the dawn of civilization to the present day. Students learn about the socioeconomic conditions, political institutions, and ideological attitudes that have marked various time periods throughout history. Using primary and secondary sources, students examine historical events, cultural developments, and social and family structures. Students will analyze statistics and data from maps, charts, and graphs to identify trends and patterns throughout history.

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

AFRICAN AMERICAN HISTORY (11, 12)
This course will provide an overview of the history of Africans and their descendants across the globe, including but not limited to African civilizations prior to European colonialism, encounters between Africa and Europe, movements of Africans to the Americas and elsewhere, and development of Black communities in and outside Africa. Learners will explore the complex interplay among the political, economic, and cultural forces that shape our understanding of the historic achievements and struggles of African-descended people in the United States and their relation to others around the world.

AP PSYCHOLOGY
The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. Students should be able to read a college-level textbook, clinical supplementary material, and write grammatically correct, complete sentences.

Social Science Dual Enrollment (Prescripted)

HIST 2103 (HIST 2063, 206) African American History (12th grade only) **College Credit 3**
Overview of African American history from the early fourteenth century to the present. PHSC 1023
Prerequisite: None Co-requisite: None

HIST 1123 (HIST 102) World Civilization 1500 to Present (12th grade only) College **Credit 3**
Surveys major civilizations of the world from 1500 to the present and emphasizes interactions among them and their influences on each other. Prerequisite: None Co-requisite: None

SOCIAL STUDIES FREE ELECTIVES

INTRODUCTION TO PHILOSOPHY (11th and 12th grades only)
Study the major themes and concepts of philosophy, including metaphysics, epistemology, free will and determinism, evil and the existence of God, personal identity, ethical values and politics, modern cognitivism, and more. And you'll meet the major philosophers throughout the ages: Socrates, Descartes, Locke, Hume, Kant, Hegel, Nietzsche, Mill, and Marx. You'll also explore Eastern influences on Western philosophy, including Taoism, Confucianism, and Zen Buddhism.

WORLD LANGUAGES

Louisiana requires 2 years of the same language to graduate

Biliteracy Diploma Endorsement Seal: High School Students that meet certain criteria are eligible for the Louisiana Seal of Biliteracy academic graduation endorsement. To earn the Seal of Biliteracy, students must fulfill all required high school English course requirements, achieve a composite score of 19 or above on the Reading/English components of the ACT, and demonstrate **Intermediate High** proficiency or above in one or more languages other than English. One of the following criteria must be met to show proficiency:

- Pass 4 years of World Language high school courses (levels I - IV)
- Achieve the B2 DELF (French) or DELE (Spanish)
- Earn an Intermediate High on a national proficiency exam (i.e. AAPPL, STAMP, etc.)
- Score a 4+ on a World Language AP or IB Exam

EL Students who pass the ELPT with Early Advanced proficiency and meet the above requirements may also earn the Seal of Biliteracy.

FRENCH I

This is a beginning course designed to introduce students to basic French conversation skills in reading, writing, listening and speaking. Students will also gain an appreciation and understanding of French and francophone culture. This course is conducted in the target language as much as possible

FRENCH II

This course is a continuation of French I with an emphasis on continuing to improve proficiency in the conversational skills of reading, writing, listening and speaking. Upon completion of this course, students will have a basic command of elementary sentence patterns and grammatical structures, as well as further understanding of French and francophone culture. This course is conducted in the target language as much as possible.

FRENCH III HONORS

This is an advanced language course with a focus on developing greater proficiency in the conversational skills of reading, writing, listening and speaking. Students will also develop a greater understanding of various cultural perspectives of the francophone world. This course is conducted predominantly in the target language.

FRENCH IV HONORS

This is an advanced French language course designed to further develop proficiency in the conversational skills of reading, writing, listening and speaking. Students will also develop a greater understanding of various cultural perspectives of the francophone world. This course is conducted predominantly in the target language.

FRENCH IV AP French Language and Culture

This is an advanced language course designed to further develop proficiency in the conversational skills of reading, writing, listening and speaking. Students will also develop a greater understanding of various cultural perspectives of the francophone world. This course is conducted predominantly in the target language. Students will prepare for and take the French AP Exam at the end of the year.

FRENCH V HONORS

This course is designed to be the equivalent of the introductory French culture course at the college level. This is a writing and reading-intensive course that will push students to further their communicative abilities in French. All course reading, writing, and discussion take place entirely in French, and the curriculum centers on Francophone film and engages with contemporary questions of cultural identity. The course covers diverse voices [from all corners of the French-speaking world, and students will undertake at least one novel study per semester.

French Dual Enrollment (1013/1023)

This is a two-semester, DUAL enrollment course where students can earn 6 total credit hours. This is a General Education course. These are elementary college-level French language courses that serve as an accelerated version of French I and French II. A college-level work ethic is required. **This course is conducted predominantly in the target language.**
Prerequisite: Completion of French 1.

French Dual Enrollment (2013/2023)
This is a two-semester, DUAL enrollment course where students can earn 6 total credit hours. This is a General Education course. These are intermediate college-level French language courses that are the course sequence following FREN 1013/1023 that serve as an accelerated version of French III and French IV. A college work ethic is required. **This course is conducted predominantly in the target language. Prerequisite: Completion of FREN 1013 and FREN 1023.**

SPANISH I
This is a beginning course designed to introduce students to basic Spanish conversation skills in reading, writing, listening and speaking. Students will also gain an appreciation and understanding of Hispanic and Latino culture. **This course is conducted in the target language as much as possible.**

SPANISH II
This course is a continuation of Spanish I with an emphasis on continuing to improve proficiency in the conversational skills of reading, writing, listening and speaking. Upon completion of this course, students will have a basic command of elementary sentence patterns and grammatical structures, as well as further understanding of Hispanic and Latino culture. **This course is conducted in the target language as much as possible.**

SPANISH III
This is an advanced Spanish language course with a focus on developing greater proficiency in the conversational skills of reading, writing, listening and speaking. Students will also develop a greater understanding of various cultural perspectives of the Spanish-speaking world. **This course is conducted predominantly in the target language.**

SPANISH IV
This is an advanced Spanish language course designed to further develop proficiency in the conversational skills of reading, writing, listening and speaking. Students will also develop a greater understanding of various cultural perspectives of the Spanish-speaking world. **This course is conducted predominantly in the target language.**

SPANISH 1013/1023 DUAL ENROLLMENT
This is a two-semester, DUAL enrollment course where students can earn 6 total credit hours. Basic lexicon and structure of Spanish; emphasis on communicative language use. These are college-level Spanish Language courses that serve as an accelerated version of Spanish I and Spanish II. A college-level work ethic is required. **Prerequisite: Completion of Spanish 1.**

SPANISH 2013/2123 DUAL ENROLLMENT
This is a two-semester, DUAL enrollment course where students can earn 6 total credit hours. This is a General Education course. These are intermediate college-level Spanish language courses that are the course sequence following SPAN 1013/1023 that serve as an accelerated version of Spanish III and Spanish IV. A college work ethic is required. **This course is conducted predominantly in the target language. Prerequisite: Completion of SPAN 1013 and SPAN 1023.**

LATIN I
This course concentrates on the basics of the Latin language with drill in grammar and translation. Roman history, legends, myths, religion and customs are presented throughout the course to promote a greater understanding of the Romans.

LATIN II
This course extends the study of the Latin language, but the major emphasis is on translating the language with precision.

LATIN III Honors
This course consists of more difficult readings from the works of Roman writers, poets, and historians with emphasis on differences in styles, in point of view, and in word usage.

LATIN IV Honors
This course helps the advanced Latin student to understand Vergil's Aeneid, Caesar's De Bello Gallico, and additional readings of other Roman writers in depth. Emphasis will be on the content of what the Roman author says, his style, and how it is interpreted by today's scholars.

LATIN IV - AP LATIN

The AP Latin course focuses on the in-depth study of selections from two of the greatest works in Latin literature: Vergil's Aeneid and Caesar's Gallic War. The course requires students to prepare and translate the readings and place these texts in a meaningful context, which helps develop critical, historical, and literary sensitivities. Throughout the course, students consider themes in the context of ancient literature and bring these works to life through classroom discussions, debates, and presentations. Additional English readings from both of these works help place the Latin readings in a significant context

PHYSICAL EDUCATION & JROTC

PHYSICAL EDUCATION

Purchase of School PE Uniform required

PHYSICAL EDUCATION I, II

The aim of this course is to develop activities which a person can use later in life. Such activities as volleyball, basketball, track and field, soccer, flag football, and softball are taught

HEALTH

The goal in this class is to provide experiences and activities in health education that will help students to make informed choices about personal, family, and community health. The topics to be covered are first aid and safety, personal health, substance use and abuse, nutrition, and how to prevent obesity. 1/2 Credit is required for graduation.

PHYSICAL EDUCATION I, II, III, IV (Athletic)

These sections of Physical Education are reserved specifically for athletes who are active on team rosters at the beginning of the year. Schedule changes will not be made during the school year if a student earns a roster position during the school year.

JROTC

The Army Junior Reserve Officer Training Corps (JROTC) teaches character education, achievement, wellness, leadership, and diversity. It is a cooperative effort between the Army and the high schools to produce successful students and citizens while fostering in each school a more constructive and disciplined learning environment. The curriculum consists of education in citizenship, leadership, social and communication skills, physical fitness and wellness, geography, and civics. *JROTC has hair, makeup, and jewelry standards higher than the school standards. Cadets are required to wear the uniform properly and participate in physical training at least once per week.*
JROTC I and II substitute for Physical Education I, Physical Education II, and Health graduation requirements.

JROTC I

Introduction to Drill and Ceremony, Physical Training, Drill Team, Color Guard, Rifle Team, marching, rifle drill, customs and courtesies, and wear of the JROTC uniform. ROTC 1 counts towards credit for physical education and health.

JROTC II

JROTC II gives students an opportunity for leadership in cadet formations, marching, physical training and team events. Completion of ROTC I and II give full credit for physical education and health.

JROTC III

Introduction to individual and team planning, problem-solving, decision making, public speaking and service-learning. Cadets in JROTC III have the opportunity for more advanced leadership in a program purposely designed for student-led activity: Leadership in Drill Team, Color Guard, and Rifle Team. Highly motivated, disciplined, fit, consistent, productive, cooperative, and respectful cadets will have an opportunity to serve in Cadet Battalion Staff positions.

JROTC IV

The highest level of leadership and responsibility. Leadership Education Training (LET) 4 cadets have the opportunity to lead, plan, and execute training and service for the entire Corps of Cadets. LET 4 cadets must be the hardest working cadets in the school, setting the example: teaching, training, coaching, and mentoring other cadets. Completion of JROTC 4 gives cadets an advantage in competing for ROTC scholarships and entry into military service

JROTC Cyber-STEM Courses

The Army Junior Reserve Officer Training Corps (JROTC) Cyber-STEM Program is a four-year curriculum prepared to build proficiencies needed for students to meet the demands of the profession.

JROTC 1 Cyber-STEM

The course begins with fundamental JROTC Leadership Training. Cyber year one focuses on the foundational skills needed to begin a pathway into cybersecurity. It begins with an introduction to ethics and cybersecurity, moves on to global connectivity, and then transitions to understanding hardware, operating systems, networks, cryptography, and operating procedures. The course ends with a service learning oriented capstone project that encourages problem solving and team building. This course covers topics associated with CompTIA A+ certification.

JROTC 2 Cyber-STEM

Prerequisite is ROTC 1. The course begins with fundamental JROTC Leadership Training. This course delves into the more technical aspects of the field, providing a firm foundation in network architecture and security. Students also learn about cybersecurity crime and cybersecurity law, while tying these concepts to citizenship and government. The course ends with a Python programming boot camp and a service learning capstone project that focuses on leadership skills and team building. This course covers topics associated with CompTIA Network+ certification. *Teacher recommendation required.

JROTC 3 Cyber-STEM

Prerequisite ROTC 1 and 2.The course starts with JROTC Leadership Training. Next, students build upon their understanding of security controls and deepen their understanding of risk management, cryptography, and system hardening. Additionally, they explore digital forensics, threat modeling, and secure software development. When the course concludes, the students should be comfortable with topics associated with CompTIA's Security+ certification exam. *Teacher recommendation required.

JROTC 4 Cyber-STEM

Prerequisite ROTC 1, 2, and 3. Fundamental JROTC Leadership Training kicks off the final year. The course also allows the students to learn the offensive side of cybersecurity while delving into advanced cybersecurity topics. Students explore specialized areas, such as forensics, compliance, reverse engineering, and SCADA. Students learn ethical hacking, beginning with the legal aspects of the topic and progressing through planning and scoping, performing vulnerability scanning and penetration testing, and analyzing and reporting the results. This year also focuses heavily on wireless communication and includes an introduction to the C++ programming language. The course covers topics relevant to CompTIA's Pen Test+ exam and provides an extended capstone to allow students to focus on a select topic of interest. At the conclusion of the course, students can utilize their training in the government, industry, or academic sectors. *Teacher recommendation required.

Students who excel in the various areas are able to prepare and take the National CompTIA certifications.

FINE ARTS

FINE ARTS SURVEY

This course is designed to give students an introduction to understanding the four arts, their relationships and how each touches our daily lives. It introduces students to the visual, performing, and applied arts. Students learn about the creative processes, historical styles, and movements in art. They also explore the impact of the arts on society.

MUSIC APPRECIATION

This course takes an academic view of music and is intended for students who are interested in the study of music without performing. Throughout the year, students will explore music as music historians, music theorists, and composers, gaining a deeper understanding for where music has been, what it is currently, and where it may go in the future.

VISUAL ARTS

$50 Fee for all Art Courses
$94 AP Art Exam Fee
Students enrolled in AP Art Courses are REQUIRED to submit an AP Portfolio at the end of the course. College credit may be granted based on the student's AP Exam score.

ART I

This course covers studio production, critical analysis, aesthetic awareness, and selected art history topics. Students experience basic drawing and painting in a variety of media and techniques.

ART II

This course is an intermediate level of visual arts which absolutely requires students to be able to formulate their own projects with teacher guidance.

AP STUDIO ART COURSES

College-level accelerated art courses addressing conceptual and perceptual aspects of art production. The AP exam requires a 24 piece portfolio due in April of 2022.

AP STUDIO ART: DRAWING

Work may be in any media (painting, drawing, printmaking, collage, mixed-media) as long as it incorporates drawing in some way. *AP Portfolio Required.

AP STUDIO ART: 2-D DESIGN

Work may be in any two-dimensional media. The final portfolio must collectively address all elements and principles of design. *AP Portfolio Required.

AP STUDIO ART: 3-D DESIGN

Work may be in any three-dimensional media. The final sculpture portfolio must address all elements and principles of design. *AP Portfolio Required.

VOCAL MUSIC

BEGINNING CHOIR

This is an entry-level vocal ensemble for both treble and bass singers. Students within this ensemble will learn the fundamentals of music theory, sight-singing, vocal technique, and music history, as we explore choral literature ranging from the classical era to modern arrangements of commercial music. No prior singing experience or knowledge is necessary.

CONCERT CHOIR (Advanced Choir)

This is an intermediate-/advanced-level choir intended for students who have previously taken "Beginning Choir" (or have gotten approval from the current choir director) and understand the fundamental concepts of music theory and vocal technique. This course continues the study of music theory, music history, and vocal technique, as well as introduces fundamental ideas of vocal pedagogy. The Concert Choir is the ensemble which may represent Liberty Magnet in various competitions and events throughout the school year.

INSTRUMENTAL MUSIC

$25 Class Fee + $25 Fee per semester for School Owned Instrument, availability is limited.

BEGINNING BAND (Instrumental Rental Req.)

This course is designed for students with a serious interest in studying instrumental music and developing skills necessary to join the more experienced performing ensembles. In order to achieve the outcomes of this course perspective students should be disciplined and self-motivated. Students will need to obtain an instrument.

ADVANCED BAND (SYMPHONIC BAND)

This course is designed for those students participating in after-school extra curricular band practice year round. Students in the Adv. Band class makes up the marching band and concert band.

JAZZ BAND

This course is for advanced musicians. Seeking skilled drum set, piano, and bass players. This course will cover a variety of styles and interpretations for the best literature written for this medium, as well as basic improvisation and theory. Permission of the director is required.

STUDIO PIANO

This is an introductory-level course for piano that covers proper piano technique within a group classroom setting, while incorporating the necessary elements of music theory and pedagogy to gain a better understanding for use and execution of musical expression. Students within this class will explore various aspects, types, and techniques of piano performance, including solo repertoire, duet repertoire, and accompaniment.

STUDIO PIANO II

This is an intermediate/advanced-level piano course intended for students who have either previously taken “Studio Piano I” (or have gotten approval from a piano instructor) and understands the fundamental concepts of music theory and piano techniques.

PERFORMING ARTS

THEATER I: INTRODUCTION TO THEATER

This course teaches the fundamentals of theatre through the use of monologues,improvisation, and scene work. This course also incorporates an introduction into stage make-up, stage combat, basic costume construction, set design, technical theatre and more. You will be required to demonstrate your ability during class time, through individual presentations, and group presentations. This course is for beginners with little to no prior knowledge of theatre.

THEATER II: METHODS & STYLES OF ACTING

This course continues to build upon the foundation of Theatre I while introducing movement, voice-work, facial/emotional expression, and the use of non-verbals. You will be required to demonstrate your ability to utilize these concepts with the work we do in class, monologues, and scene presentations. Additionally, this course requires participation in one (1) production a year in any capacity. This course is for students familiar with theatre who have an interest in performance. NOTE: This class is geared more toward performance and those seeking that outlet.

THEATRE III: ADVANCED ACTING

This course continues to build upon the foundation of Theatre I while incorporating play structure, playwriting, directing, and emotional development for character growth. You will be required to demonstrate your ability during class time, individual presentations, and group presentations. Additionally, this course requires participation in one (1) production a year in any capacity. This course is for students who are familiar with theatre and have an interest in directing and playwriting. NOTE; This class is geared more toward the creatives who want to work 'behind the scenes

THEATER IV: PLAY PRODUCTION (Theatre I & II or I & III Req)

You are required to have taken a combination of Theatre I and II or Theatre I and III to take this course. This course will incorporate all aspects of theatre culminating in a Theatre IV production. The production will require rigorous dedication and collaboration to be a success. Participation in one (1)(additional) production a year in any capacity is required. Note: This class is an advanced course and you will be leading the charge. This class is intended for those who are passionate about theatre and are considering a career in the arts.

THEATRE Design and TECHNOLOGY

This class teaches you the fundamentals of safety, thinking on your feet, and incorporating all aspects of 'running a theatre.' This course includes lessons on lighting design, set construction, props design, basic sewing skills, and more. This class is for anyone who wants to see how a production comes together. NOTE: This class is physically demanding at times. Everyone is required to pull their own weight and will be given a job based on their abilities. Working with tools, paint, wood, glue, etc is necessary.

DANCE I- Art Credit

This more advanced course is the continuation of Physical Education (Movement and Dance) and builds upon the foundation of technique and principles of dance. In theory, we will discuss history and concert works with a more critical point of view. This course will also culminate with a concert performance.

FINE ARTS (Dual Enrollment)

ARTS 1023 Introduction to Visual Arts **College Credit 3**

Introduces a survey of the visual arts with emphasis on how and why works have been created in our own and earlier times. All major forms of drawing, painting, printmaking, sculpture, design and architecture are explored in basic terms.

STEM PATHWAYS

Liberty Magnet High School, in collaboration with Louisiana State University and the Louisiana Department of Education, is providing programs for high school students that will better prepare them for college and careers in technology, engineering, and data-driven fields of employment. We are offering high quality courses in LSU's Pre-Engineering and Digital Design & Emergent Media Pathways that highlight 21st century skills such as critical thinking, problem solving, communication, collaboration, and appropriate use of technology. Upon completion of each of these electives, students will earn a LSU-issued certificate of course completion and may earn a Silver or Gold STEM Diploma Seal issued by the Louisiana Department of Education when graduating from Liberty.

AP COMPUTER SCIENCE A

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. *Prerequisite: first-year high school algebra course*

AP COMPUTER SCIENCE PRINCIPLES

The AP Computer Science Principles course is designed to be equivalent to a first- semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

BIOMEDICAL CAPSTONE

This course is for seniors in the Biomedical Pathway. Students spend time interning for a wide range of biomedically focused local companies, businesses, and organizations. Students in this course will gain work experience and become more familiar with several possible career paths and opportunities available to them so that they can make informed decisions on how to best achieve their biomedical professional goals. It is recommended that students have access to their own transportation. *Prerequisites: Introduction to Biomedical Sciences & Comparative Anatomy and Physiology*

BROADCASTING FREE ELECTIVE (11/12)

This course is project-based, the students will learn the basics of broadcast journalism, how to write for broadcast and how to produce a news show. The focus of the course will be to produce a live news production and school promotional videos every week to be broadcast at the school. Students will learn the major groups of production including: camera operator, sound engineer, editor, producer and director. The course will be dedicated to allowing students to explore newsgathering in the electronic age. While producing the news, students will have the opportunity to use professional studio equipment. Students are expected to have basic knowledge of cameras and tripods, as well as some video editing experience.

CODING FOR THE WEB

Coding for the Web is an introductory course focusing on the foundational programming concepts in web development, such as functions, for loops, conditional statements, as well as analyzing and solving problems like a programmer. Though we are utilizing HTML, CSS, and JavaScript, this is not a “web design” course. Students will have the skills, knowledge, and experience to create web applets by the end of the course. The main goals of this class focus on teaching students to think critically about how to solve a problem using programming, and writing JavaScript programs using functions, for loops, and conditional statements.

COMPARATIVE ANATOMY & PHYSIOLOGY

Human Anatomy and Physiology is a laboratory-based course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body and major body systems along with the impact of diseases on certain systems.

CYBERSECURITY (LSU PARTNERSHIP)

This course is designed to foster interest in Information Technology and networking careers. Through hands-on projects, students learn to install and administer operating systems, to have computers communicate with each other and to detect and repair vulnerabilities in systems and networks. This course also covers connections of computing and society, including ethics, security, and privacy in on-line communication.

DATA MANIPULATION AND ANALYSIS

This course is an introduction to the emerging field of Data Science, which is a combination of mathematics and statistics on one hand, and computational thinking and programming on the other hand. Students will learn how to collect and clean data from different sources, such as databases, web scraping or measurement devices. They will then use charts and plots to visualize the data, and statistical measures to analyze it. There will also be an introduction to Big Data topics and methods. Finally, the students are exposed to using the programming language R and the data analysis tool, Microsoft Excel. Prerequisite: All students signing up for Data Manipulation should have already completed Algebra II due to math requirements.

DIGITAL IMAGE (LSU ART 2050) & MOTION GRAPHICS (LSU ART 2055) (11/12)

These courses will be based on hands-on training in the use of computer hardware and software to create digital graphics, starting with the basics of Photoshop and Illustrator and continuing Maya software. As the student develops familiarity with these industry-standard programs and graphic tools 2D animation and design projects will be overseen by mentors. The 2D animation partition of the class will focus on rigging, planar tracking, rotoscoping, motion tracking, etc in order to develop their own animated short. The class will conclude with the introduction of 3D design, development, and rigging. These will be offered as dual enrollment courses through LSU.

DIGITAL STORYTELLING

This is an introductory course to Digital Design & Emergent Media. This is a project based learning (PBL) inspired class that utilizes a PBL assessment guide, as well as thoughtful integrated learning. Experimentation and the practice of storytelling through the lenses of multiple mediums will help the students develop narrative reasoning, digital literacy, and critical thinking skills, while simultaneously giving them a realm to be creative and challenged. This course was created due to the “entertainment” industry’s demand for content creation and a transfer of thinking. The purpose of this course is to get our students to become creators versus consumers. The course focuses on the realms of: Visual, Auditory, Videographic, and Interactive Storytelling, ending the course with a Culminating Project and a Diverse Media Rich Portfolio.

ENGINEERING CAPSTONE FREE ELECTIVE (12)

Students apply the knowledge and skills obtained throughout the Pre-Engineering Pathway to create a collaborative project which they present to other students, faculty and industry professionals.

ENGINEERING DESIGN & DEVELOPMENT

Students work in teams to research, design, test, and construct a solution to an open-ended engineering problem. Students will study visualization and prototyping techniques including freehand sketching and 3D modeling using Inventor. The curriculum includes studies in principles of design methodology, product development, and prototyping with 3D printers. Students will also learn about project management by creating a design portfolio with an emphasis on technical writing and presentation skills.

ENGINEERING ECONOMY

Students learn how to plan engineering projects based on economic studies for decision-making, including considerations of rate of return, payback period, cost-benefit calculations, depreciation and tax relationships, and introduction to multivariate alternative studies. *Also available in a dual enrollment format.*

FILM AND TV (LSU PARTNERSHIP)

An entry-level course that will serve as an introduction to basic video/film/audio production. The goal of the course is for the student to develop the ability to capture great video images and audio, and to be able to edit those elements together to tell a story.

FORENSICS SCIENCE

Focuses on the skills and concepts behind physical aspects of crime scene investigation and **forensic science**. This **course** includes a broad series of lessons and activities that offer a variety of modalities for ultimate student engagement and content retention.

INTERACTIVE COMPUTING

This course focuses on the nuances of programming for interacting with the real world in two representative areas: autonomous robots and the front end of web applications. Students learn how to iteratively approximate a software model to the realities of the physical hardware, how to write test suites and how to systematically debug their programs. Through fun and engaging projects, the students learn problem solving skills, such as programming robots to navigate mazes and play soccer, developing on-line pages to read sensors and control actuators. *(Prerequisite: Introduction to Computational Thinking)*

INTERACTIVE EMERGENT MEDIA CAPSTONE

Students create an individual project, presenting it to fellow students, faculty, and industry profession- als. They apply knowledge and skills obtained in the program to design a significant project in a collaborative environment. At the end of the se- mester, they make a formal oral presentation of their project to a faculty committee.

INTRO TO BIOMEDICAL SCIENCES

Learning and Growing by Investigating Medical Mysteries Through scaffolded activities that connect learning to life, students step into the roles of **biomedical science** professionals and investigate topics including human medicine, physiology, genetics, microbiology, and public health.

INTRO TO COMPUTATIONAL THINKING (Required for all 9th grade students)

This is a full year course for students in 9th grade and above. This introductory course provides students with a foundational understanding of computational thinking, using a problem-solving approach that involves breaking down complex problems into smaller, more manageable steps and then uses technology to solve them. Through hands-on experience with the Python programming language, students will develop essential computational skills, including algorithmic thinking, data analysis, and program design. This course applies to all LSU STEM Pathways.

INTRO TO ENGINEERING

This course exposes students to the design process, research and analysis, teamwork, communication methods, ethical decision making, engineering standards, and technical documentation. Students have the opportunity to develop these skills through project-based learning and to continually hone their interpersonal skills, creative abilities, and understanding of the design process. In addition to hands-on activities from each of the 10 major engineering disciplines, students will interact with industry professionals through guest presentations. *Also available in a dual enrollment format.*

PHOTOGRAPHY I (10th/11th Grade Only)

An introductory course that will help the students become well rounded in the fundamentals of digital photography. Four areas of instruction emphasized are: how cameras work, how composition works, how lighting works, and how to use photo editing software. Priority for enrollment is given to Digital and Emergent Media Pathway students.

PHOTOGRAPHY II

This course will help students develop a portfolio of their work. Further techniques and skills will be refined and incorporated into their work.

PRINCIPLES OF ENGINEERING

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students continue to enhance their skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and computational thinking.

PROGRAMMING FOR DIGITAL MEDIA

This course introduces a broad array of topics related to digital media through project-oriented programming of graphics, audio, and hardware applications. The motivation for this course is to provide a basic introduction to computer programming using subjects that are relevant or appealing to incoming students who are new to technological fields of study, with no prior programming coursework. The course is presented in four segments, covering three distinct areas in digital media, with a fourth covering the integration of these areas. There is a strong emphasis on computer programming tasks throughout, and the hands-on exercise of digital media tools in class is required. The first segment introduces real-time graphics rendering and user interaction. The second introduces sound synthesis and audio production. The third introduces basic electronics and requires students to develop hardware devices with embedded processing. Finally, communication mechanisms are developed, allowing the disparate elements of graphics, sound, and hardware to be composed into interactive systems.

PROGRAMMING FOR STEM

This course expands the practice of software development in a variety of settings, so that students acquire a broad set of programming skills and a deeper understanding of software engineering principles. Students learn to plan, design and implement relatively large programming projects that require background research and teamwork. Topics include simulations, games and interactive online applications. Robust program design and sound software engineering practices are emphasized throughout the course.
(Prerequisite: Interactive Computing or Data Manipulation and Analysis

PROGRAMMING FOR STEM/ENGINEERING

Pre-Req: Intro to Computational Thinking for STEM The goal of this course is to have students develop a transferable skill set of computer programming abilities, which they could apply to any future programming task. Topics will include the software development cycle, data representation and processing, variables, functions and expressions, logic and control commands, repetition, implementation of basic algorithms, and physical computing. Projects will cover command-line scripting in Python, graphical interfaces in the JavaScript P5 environment, and interaction with electronic components in the Arduino platform.

ROBOTICS (LSU PARTNERSHIP)

Students use robotics to explore the fundamentals of engineering and programming. The course consists of project-based learning including principles of engineering, physics, electronics, mechanics, and programming using VEXCode. Students will use VEX components to create robots for various classroom projects. While building the robots, the design process will be emphasized as the robots are tested and their designs are modified to accomplish varying tasks. The second-semester projects will have a heavier focus on programming the robot to move autonomously.

ROBOTICS (ADVANCED)

Advanced robotics for VEX uses skills learned in Introduction to Robotics to create complex mechanical structures and high-level programming in order to compete at VEX Robotics competitions. After school and weekend commitments may be required. *Students are **required** to attend at least two robotics competitions per semester, which are outside of normal school hours (possibly Saturdays).*

SOUND DESIGN (LSU MUS 2745)

Create original projects using a variety of music production software tools for sequencing, sound editing, synthesis, and effects. Get familiar with music notation software. Use edit and mix a studio session using professional tools. Get hands-on training with microphones, mixers, and other live sound equipment.

VIDEO GAME DESIGN

The course is project-based, the students will not just be learning dry programming concepts, but applying them immediately to real games. Students will build an entire game themselves with no prebuilds. Students will also be challenged to apply, and re-apply their knowledge regularly. The course will be taught only utilizing C#. The students will learn C#, including Test-Driven Development, a highly valuable skill. This is a higher-order thinking course that can build student's confidence in the basics of coding and game development, and make them hungry to learn more.

OTHER ELECTIVES/OFFERINGS

BALLET

This beginner course is an introduction to Ballet elements including: beginning Ballet movements, positions, and vocabulary. Modern elements include floor positions, Modern dance vocabulary, and dance history. In each dance class, students will be expected to participate in warm-ups, across the floor progressions, choreography, and review. This course will culminate in a Spring Showcase. *General Elective*

ACT PREP

This is a **junior-level course** required for students who did not meet college-readiness standards on the Pre-ACT. The course will focus on test preparation strategies and content in the four ACT testing sessions: English, Math, Reading, and Science. Students who earn a 21 composite score with college readiness of 18+ English/19+ Math on the ACT prior to the start of the junior year will be exempt from this course. Students who earn a score within the top of the predictive college-readiness range on the PreACT during the Sophomore year will be exempt from this course.

OFFICE AIDE -- APPLICATION ONLY

Students serve as office aides in the various Academy offices. This class is NOT for credit. Grade 12 ONLY. Application ONLY. *Requires administrator recommendation.

LIBRARY AIDE -- APPLICATION ONLY

Students serve as office aides in the library. This class is NOT for credit. Grade 12 ONLY. Application ONLY. *Requires administrator recommendation.

PRINCIPLES OF MARKETING

Principles of Marketing introduces the basic foundations and functions of marketing and entrepreneurship. Emphasis is placed on knowledge, skills, and attitudes necessary for entering and advancing in the field and reinforced in this course through the application of marketing and entrepreneurial principles. Work-based learning strategies appropriate for this course include job shadowing, field trips, and/or cooperative education. Business simulations, projects, teamwork, DECA leadership activities, conferences, and competitions provide opportunities for application of instructional competencies.

CUSTOMER SERVICE

In this course, students are taught the key concepts of a successful customer service program. Students in this course have scheduled class time as employees in our school store.

PUBLICATIONS I (11th & 12th Grade)

In Publications I, students will work in a project-based format in conjunction with the photography team to produce the annual yearbook. Students will be responsible for designing layouts and themes, writing articles and interest stories, attending school events to collect photographs and first-hand information, and proofreading. **Students must be approved by the instructor.**

CTE Internship (12th Grade)

Students in CTE Internship earn high school credit for workforce experiences during the school year. Paid internships must be within the student's STEM Pathway. Students in this course must provide their own transportation and will be dismissed during the class to report to their job placement. **This course is only open to students who have been accepted into the East Baton Rouge Parish WorkForce Readiness Internship Program. The program requires an application, interview, background check, and drug screen.**

HUMANITIES Dual Enrollment

PHIL 1013 (PHIL 201) Introduction to Philosophy **College Credit 3**

Introduces philosophical ideas, problems, and methods through the study of important philosophers and major systems of philosophy. Familiarizes students with the practice of discussing, defining, debating, and evaluating systems of thought.

Prerequisite: None Co-requisite: None

PHIL 2013 (PHIL 205) Introduction to Ethics (12th grade) **College Credit 3**

Reviews current ethical theories. Focuses on the development of a practical ethical perspective relevant to today's world.

Prerequisite: Eligibility for ENGL 1023 Co-requisite: None

SOCL 2013 (SOCL 200) Introduction to Sociology **College Credit 3**

Provides students with an understanding of human society and social life. Introduces students to the major subject areas of sociology, including: major theoretical perspectives and theorists: techniques of research; components of culture; social organization, institutions, inequality; and social change.

Prerequisite: None Co-requisite: None

COURSE OFFERINGS LIST

Math	Science	Social Studies	English
Algebra I Algebra I Honors Geometry Geometry Honors Algebra II Algebra II H Precalculus (Adv Math) Adv Math DE 1S Trig 1223 DE 1S Algebra III AP Calculus AB AP Calculus BC AP Statistics A	Physical Science Physical Science Honors Environmental Science AP Env. Science Biology I Biology Honors Chemistry Chemistry H Physics AP Physics I AP Biology II AP Chem II Biology II DE Physical Science II DE	World Geography AP Human Geography US History AP US History Civics AP Government World History AP European History AP Psychology African Amer. History Afr- Amer. History DE Intro to Philosophy World Hist Civ II DE Intro to Ethics DE	English I English I H English II English II H English III AP Lang. & Comp. English IV AP Literature English III DE English IV DE Eng Lit & Ethnicity Intro to Poetry & Drama
Computer Science	**Digital Arts**	**Pre-Engineering**	**Biomedical**
Coding for Web Programming for STEM Cybersecurity LSU AP Comp. Sci. A AP Com. Sci. Principles Interactive Computing Programming for STEM Cyber Society	Photography I Photography II Digital Storytelling Media Arts Dig.Image & Mot Graph.(DE) Film & TV Basic/Adv Film (II) DDEM Capstone Video Game Design	Intro. to Eng. Design DE Robotics LSU Adv. Robotics Eng. Economy DE Eng. Design/Devel. DE Principles of Engineering	Intro Biomedical Science Forensic Science Comparative Anatomy Biomedical Capstone Principles of Biomedical Human Anatomy & Phys.
Fine Arts	**Foreign Language**	**Physical Ed.**	**Electives**
Art I Art II Studio Art Drawing AP Studio Art 2D AP Studio Art 3D Beg. Choir Adv. Choir Fine Arts Survey Music Appreciation Studio Piano Dance Ballet Theater I, II, III, IV Set Design/Production Musical Theater Beginning Band Advanced Band Jazz Ensemble Intro to Visual Arts DE	French I French II French III - Honors French IV - AP & Honors Spanish I Spanish II Spanish Elementary DE Spanish Intermediate DE Spanish III Spanish IV Latin I Latin II Latin III H Latin IV H	Physical Ed I Physical Ed II 1S Health 1S Physical Ed III Physical Ed IV Ballet JROTC I JROTC I CYBER STEM JROTC II JROTC II CYBER STEM	ACT Prep English ACT Prep Math AP Broadcasting Creative Writing CTE Internship Customer Service Dance (Art credit) Data Analysis Intro. Comp.Thinking JROTC III JROTC III CYBER STEM JROTC IV JROTC IV CYBER STEM Intro to Philosophy Principles of Marketing Publications I/II Study Skills **Approval Req.*

Dual Enrollment (DE) Policies for Liberty Magnet High School

Liberty Magnet High School is proud of the many opportunities we are able to provide our students. We also believe it is important for students to balance course loads, school, extracurricular activities, and life.

PURPOSE

The Dual Enrollment program offers high school students a streamlined path to higher education by enabling them to earn college credits while still in high school. They are concurrently enrolled in high school and college with courses counting towards both diplomas. Courses follow the college curriculum and are taught by qualified college professors or high school instructors approved to teach at the college level.

Participants must attain sixty (60) college credits in the prescribed areas to obtain the associate degree which is transferable to accredited institutions within Louisiana. Students who do not complete the required courses to obtain the associate degree will have transferable college credits to Louisiana institutions that can be applied to an associate or bachelor degree.

NOTE: Credit hours can also be transferred to out-of-state institutions; however, it is important to verify this, beforehand, with the college/university of choice.

Benefits

Dual Enrollment facilitates an easier transition from high school to college, providing students with a glimpse into the collegiate experience without the daunting immersion into a completely unfamiliar environment. These classes not only offer an avenue for students ineligible for advanced placement (AP) courses to showcase a more rigorous academic profile on their transcripts, but also afford them the chance to enable students to accrue credits prior to matriculating into college, thereby empowering them to graduate from college either ahead of schedule or in a timely manner.

Schedule Changes

Once students are scheduled for the year, there are no schedule changes; however, the counselor and Academic Program Coordinator reserve the right to remove students from the transfer degree program if they believe that continuing in the program will jeopardize their high school graduation.

TOPS-Implications

Dual enrollment courses can directly impact a student's eligibility for Louisiana's TOPS financial aid. Grades earned in these courses appear on both high school and college transcripts and are factored into the student's TOPS Cumulative GPA, which determines eligibility and award levels.

Key GPA Requirements for TOPS:

- **Upon application:** Minimum TOPS Core Curriculum GPA of 2.50.
- **After the first academic year (24-47 credit hours):** Minimum GPA of 2.30.
- **After subsequent academic years (48+ credit hours):** Minimum GPA of 2.50.

Implications of Dual Enrollment:

- **Grade Impact:** Dual enrollment grades contribute to both high school and college GPAs, directly influencing TOPS calculations.
- **Potential Benefit:** Excelling in dual enrollment courses can boost a student's GPA, improving their chances of qualifying for or retaining a higher TOPS award level.
- **Negative Implications:** Poor performance in these rigorous courses can lower a student's college GPA, potentially jeopardizing their eligibility or ability to renew their TOPS award.

Q. What GPA do I need to renew my TOPS Opportunity, Performance, or Honors Award?

A. For TOPS Opportunity:
<24 hours earned = minimum 2.0 GPA
24-47 hours earned = minimum 2.3 GPA
48 or more hours earned = minimum 2.5 GPA

For TOPS Performance / Honors:
<24 hours earned = minimum 2.0 GPA
24 or more hours earned = minimum 3.0 GPA

- If you have been awarded TOPS Performance or Honors award and you have less than a 3.0 GPA at the end of the academic year, your award will be changed to Opportunity Award for the remaining period of eligibility, and you will not receive the stipend that goes with your former award. Once you lose your Performance or Honors Award, you cannot regain it.
- You must achieve the TOPS Cumulative GPA required for the Opportunity Award at the end of the academic year or your TOPS Award will be suspended until you have regained academic standing and have achieved the required TOPS Cumulative GPA.
- If you do not achieve the required TOPS Cumulative GPA within two years from the end of the semester or quarter your award is suspended, your award will be permanently canceled.
- If you are enrolled in a technical program, you must have a 2.50 TOPS Cumulative GPA at the end of the academic year or your award will be suspended, regardless of the number of hours you have earned. If you do not achieve the required TOPS Cumulative GPA within one year from the end of the semester your award is suspended, your award will be permanently canceled.

By understanding these requirements and implications, students can make informed decisions about dual enrollment and its role in their academic and financial future.

Maintaining TOPS

Academic Advising

Students and parents may meet with college navigators at BRCC to evaluate the student's course progression and progress towards obtaining the associate degree.

College Navigators assist students to achieve their educational and career goals. College Navigators guide students through degree completion by helping them select courses that meet program requirements, understand degree requirements, set academic goals, understand college policies/procedures, and connect students with campus resources. College Navigators are an excellent resource for finding information and other services at BRCC that can assist students achieve their educational goals.

Advising is a shared responsibility between students, College Navigators, & faculty. Together you and your College Navigator will set goals and develop a graduation plan.

Grading and Withdrawal

At the beginning of each semester, a list with important dates will be sent to the dual enrollment teachers/schools and will be disseminated to students.

Students may drop a college course before the institution's drop date without penalty. If a high school schedule change can be made during this time frame, then students will be rescheduled in a high school course. However, if an equal high school course is not available or there are limited options for students, the counselor will work with the student to accommodate using other electives including high school online electives.

- If dropping after the fourteenth day: student withdrawals result in a "W" on the college transcript. A "W" will appear on the college transcript. When students enroll in college, they may be required to appeal. The college may require an appeals process, which will be the responsibility of the student to initiate and follow through. There are limited options for HS credit in this situation.
- Students who are enrolled in **Advanced Math/ Trigonometry DE** through LSU (or any other college) who drop the class during the semester will remain in that classroom and complete all coursework in order to receive .5 (½) high school credit. They will also take the course 2nd semester to earn the remaining .5 (½) credit. The course will be scheduled as precalculus-honors. If a student successfully earned the Advanced Math DE credit but elect not to pursue Trigonometry DE in the spring, they will remain in the Trigonometry classroom and complete the same work as the DE students but will earn high school credit only in precalculus-honors

Attendance

Students must meet not only the institution's attendance policy but also the Louisiana Department of Education attendance policy. Failure to do so may result in failure of the college course and/or the high school course.

- High school extra-curricular activities or functions during regular school days are not automatically excusable absences from college DE courses. Prior approval from college professors must be granted on an individual basis, and it is the responsibility of the student to make these arrangements as needed.
- Contacting college DE professors in advance of semester conflicting dates is highly recommended and encouraged.

Student Requirements

(as set by Liberty Magnet High School)

Class of 2026

● Minimum overall high school cumulative GPA of 2.5

Notice

- English 1013 or 1023: Students need to complete these courses with a grade of **C or better**.
    - If a student receives a D or F, they are no longer eligible to earn the associate degree.
- Progression to 2000-level English courses: In order to take higher-level English courses (2000 level), students must have at least a C in English 1013 AND 1023.

This policy emphasizes the importance of solid performance in foundational English courses as a prerequisite for advancing in the degree program.

- Retaking Failed Courses: If a student receives a grade of D or F in English 1013 or 1023, they can retake the course to improve their grade, but they will need to do so at their own expense. The cost is approximately $500 per course. Students will be responsible for enrolling in the course at BRCC.
- Deadline: Students must retake the failed course at BRCC before the start of the next academic year if they wish to continue pursuing the associate degree.

Class of 2027 and 2028

Liberty policy for non-continuance in the associate degree program

- Minimum overall high school cumulative GPA of 2.5
- If a student has a combination of any 2 of the following 3 criteria, they will no longer be eligible to continue taking DE classes through Liberty
    - D or F in a course
    - Withdrawal from any DE course
    - Choosing to not accept a DE grade in a choice model DE course
        - Examples:
            - if a student makes a D or F in 2 DE classes, they will no longer be able to pursue an associate degree or take any other DE courses the following year
            - If a student makes a D in one DE course and withdraws from 1 DE course, they are no longer eligible to pursue an associate degree or take any other DE courses the following year.
- English 1013 or 1023: Students need to complete these courses with a grade of C or better.
    - If a student receives a D or F, they are no longer eligible to earn an associate's degree.
- Progression to 2000-level English courses: In order to take higher-level English courses (2000 level), students must have at least a C in English 1013 AND 1023.

This policy emphasizes the importance of solid performance in foundational English courses as a prerequisite for advancing in the degree program.

- Retaking Failed Courses: If a student fails a DE course, counselors will not reschedule them in the DE course at Liberty for credit recovery. If a student receives a grade of D or F in any one course, they can retake the course to improve their grade, but they will need to do so at their own expense. The cost is approximately $500 per course. (This is only applicable to one course since failing 2 courses renders the student ineligible to continue in the associate degree program).
- Deadline: Students must retake the failed course at BRCC before the start of the next academic year if they wish to continue pursuing the associate degree

Class of 2029 and beyond

- To enroll in the transfer degree program their sophomore year, the student must:
- 8th grade LEAP scores of at least Mastery in ELA or math, and at least a Basic in all other subject areas OR (for private school, home school, and out of state students) scores at or above the 70th percentile on a nationally normed standardized test in all ELA and math components
- No final grades lower than a B in all fall semester 9th grade core courses (English, math, science, and social studies)
- Students will need approval from ninth grade teachers
- Before acceptance, students will be required to attend an information session with counselors/administration.
    - Attendance to one of the Information Sessions is mandatory for acceptance. At least one parent or guardian must be present at the information session.
- Approval/removal is based on grades as well as social emotional factors