**Assumption High School**

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**CAREER & SCHEDULE GUIDE**

This Career & Schedule Guide is intended to offer students the information needed to make wise choices that will help them attain success in the future. Assumption High School is proud to offer students a wide variety of course offerings to enhance the skills needed for a path toward higher education and the journey toward the career world.

**SCHEDULING POLICIES**

School counseling is an important, personalized aspect of the educational program at Assumption High School. Your counselor works with you on an individual basis in assessing and evaluating your abilities, achievements, aptitudes, and ambitions. This information helps you and your parents understand your special characteristics, and this knowledge should be most beneficial in making more intelligent choices in high school, as well as in the future.

A counselor is assigned to each high school student. Each student will be called in individually by his/her counselor; however, a student may request a conference with his/her counselor for any number of reasons. A few of the areas which directly concern the counselor are vocational and career information, college and scholarship counseling, personal problems, testing, written recommendations and references, etc. A student would be well advised to communicate his/her unique interests, abilities, needs, and ambitions to his/her counselor.

Counselors are always available for consultation and guidance, but the final responsibility for meeting graduation and/or TOPS/TOPS Tech requirements rests with the student and his/her parents.

The Assumption Parish School Board does not discriminate on the basis of race, color, national origin, sex, age, or disability in any of its programs, activities, admission, or employment practices as required by Title VI, Title IX, Section 504, and Title II.

**A vast amount of time and effort is devoted to the intricate process of allowing students to select courses and the construction of a master schedule which will permit most students to obtain the courses of their choice. Students are to carefully select courses after conferring with parents, counselors, and teachers during the spring enrollment period. *Under extremely extenuating circumstances, a student may have his/her schedule changed by the counselor with the approval of the principal within the first five days of the semester.*  This may be done to balance classes, or if a student has been assigned to a class that he/she made up in summer school.**

**UNITS REQUIRED FOR EACH GRADE**

 **Students must pass English I to be classified as a sophomore regardless of other Carnegie units earned.**

 SOPHOMORE SIX (6) UNITS

 JUNIOR TWELVE (12) UNITS

 SENIOR EIGHTEEN (18) UNITS

 GRADUATE TWENTY-FOUR (24) UNITS

**SCHEDULING REQUIREMENTS**

**All students must schedule eight courses. Exceptions to this rule include:**

A. Seniors (in their fourth year only) who have been granted Early Release / Late Arrival with the approval of the principal

B. Senior students serving as library workers approved by the principal and librarian

**\*\*All SENIORS must have at least two (2) courses scheduled on campus per semester for a minimum of four (4) Carnegie units.**

**LATE ARRIVAL / EARLY RELEASE -- EARLY DISMISSAL**

 When a student becomes a senior and requires less than 8 units to fulfill graduation requirements and will have at least the total number of units required for graduation, he/she may be excused from remaining in school all day, providing an application for Early Release has been approved by the principal. In order to be eligible for early dismissal, a student must be in their fourth year of high school. Early graduates are not eligible for early release. It is the policy of Assumption High to encourage students to participate in a wide range of elective subjects once their graduation requirements are fulfilled. Students planning to attend college should **not** consider Early Release except for dual enrollment purposes. **Early dismissal will not be granted to any student after the first ten days of each semester.**

**EARLY START / DUAL ENROLLMENT**

Early Start allows a student to receive college credit while still attending high school. Classes offered for dual enrollment provide the student with both high school and college credit. To qualify, a student must be classified as a junior or senior, be on track for the TOPS Core Curriculum, have the appropriate ACT or PLAN score, and have maintained a 2.5 grade point average. Students interested in Early Start / Dual Enrollment should see their school counselor to apply.

**ADVANCED PLACEMENT / HONORS CLASSES**

Assumption High School will be offering advanced placement / honors courses to those students who meet eligibility requirements. Eligibility for advanced placement / honors courses includes a strong passion for the course content and previous evidence of exemplary work in the subject matter. Each advanced placement/honors course includes appropriate adaptation for accelerated and enriched learning for pursuing in-depth studies that require abstract and high-order thinking skills. Advanced placement / honors classes provide expectations and opportunities for students to work independently at an accelerated pace, to engage in more rigorous and complex content and processes, and to develop authentic products that reflect students’ understanding of key concepts. **Students will be notified if they meet the requirements for enrollment in advanced placement / honors classes based on the parish criteria.**

**AMP (Accelerated Mustang Program) and AVS (Assumption Virtual School)**

AMP is a program targeting incoming 9th graders who are two or more years behind, as well as those who are lacking credit for on-time graduation, allowing these students to take online courses through Edgenuity either on campus during after school hours, or through Assumption Virtual School, if meeting required criteria. Carnegie units will be earned upon completion of course work and earning a passing grade according to the new state grading scale. More information can be obtained through your school counselors.

**LOUSIANA GRADUATION REQUIREMENTS**

**Incoming freshmen** will be enrolled in the required TOPS University Curriculum. At the end of two years in high school, a student may request to begin a Jumpstart pathway. This requires a meeting with the student, parent, and counselor to discuss options and consequences of not completing the TOPS University requirements. A form must be signed by the student, parent, and principal. The student will still be required to take a fourth math.

***Note: Not completing the TOPS University Curriculum will result in the ineligibility to directly enroll in a Louisiana four year college/university.***

**The State Board of Elementary and Secondary Education (BESE) End-of-Course Exam Policy states: All incoming freshmen** of 2010 and beyond will be required to pass three **End-of-Course Tests** in the following categories to earn a standard diploma: (a) English II or English III; (b) Algebra I or Geometry; and (c) Biology or American History. The End-of-Course exam will be calculated as twenty percent of the final average in all of these courses.

\*For incoming Freshmen of 2017-18 English I EOC will replace the English III EOC requirement.

**TOPS University Diploma Requirements**

**For students entering 9th grade in 2014-2015 and beyond**

**ENGLISH = 4 Units**

1 Unit English I

1 Unit English II

1 Unit English III

1 Unit from the following: English IV, AP® English Literature and Composition

**MATH = 4 Units**

1 Unit Algebra I

1 Unit Geometry

1 Unit Algebra II

1 Unit from the following: Advanced Math - Functions and Statistics, Advanced Math - Pre-Calculus, AP® Calculus

**SCIENCE = 4 Units**

1 Unit Biology I

1 Unit Chemistry I

2 Units from the following: Environmental Science; Physical Science, Agriscience I and Agriscience II (the

elective course Ag I is a prerequisite for Ag II); Physics I; one of Biology II, AP® Biology

**SOCIAL STUDIES = 4 Units**

1 Unit from the following: U.S. History

1 Unit from the following: AP® U.S. Government and Politics: United States, or Civics

2 Units from the following:

World Geography or AP® Human Geography

World History or AP® World History

**Units Courses**

**FOREIGN LANGUAGE = 2 Units**

Foreign Language, both units in the same language, which may include the following:

French I and II

Spanish I and II

**ART = 1 Unit**

1 Unit from the following: Visual Arts courses (Bulletin 741 §2333), Music courses (Bulletin 741 §2355), Dance

courses (Bulletin 741 §2337), Fine Arts Survey, Drafting

**Health/Physical Education = 2 Units** (JROTC may be substituted for PE)

1 Unit from the following: Physical Education I

½ Unit from the following: Physical Education II, Marching Band, Extracurricular Sports, Cheering, or Dance Teams

½ Unit from the following: Health Education (JROTC I and II may be used to meet the Health Ed requirement)

**ELECTIVES = 3 Units Electives**

**Total Units = 24**

Please visit the following website for the most up to date information on requirements and award amounts.

<http://www.osfa.la.gov/>

**Jump Start TOPS Tech (Career Diploma) Course Requirements**

**For students entering 9th grade in 2014-2015 and beyond**

Act 403 of the 2015 Louisiana Legislative Session takes effect with students entering 9th grade in 2014-2015 and beyond. The legislation ensures students planning and preparing for an industry based career have taken a preparatory core curriculum while in high school and have every chance possible to receive TOPS Tech.

**Units Courses**

**ENGLISH = 4 Units**

1 Unit English I

1 Unit English II

2 Units from the following:

English III, English IV, Business English, Technical Writing

**MATH = 4 Units**

1 Unit Algebra I, Algebra I Part One and Algebra I Part Two

3 Units from the following:

Geometry, Math Essentials, Financial Literacy (formerly Financial Math), Business

Math, Algebra II, Advanced Math - Functions and Statistics, Advanced

Math - Pre-Calculus

**SCIENCE = 2 Units**

1 Unit Biology I

1 Unit from the following:

Chemistry I, Environmental Science, Physical Science, Agriscience I and Agriscience II (one unit combined)

**SOCIAL STUDIES = 2 Units**

1 Unit from the following: U.S. History

1 Unit from the following: Civics, or AP® U.S. Government and Politics: United States

**Health/Physical Education = 2 Units** (JROT C may be substituted for PE)

1 Unit from the following: Physical Education I

½ Unit from the following: Physical Education II, Marching Band, Extracurricular Sports, Cheering, or Dance Teams

½ Unit from the following: Health Education (JROTC I and II may be used to meet the Health Ed requirement)

**Jump Start = 9 Units**

9 Units from the following:

Jump Start course sequences, workplace experiences, and credentials as approved in Regional Jump Start proposals.

**TOTAL = 23 Units**

A student shall complete a regionally-designed, district-implemented series of Career and Technical Education Jump Start coursework and workplace-based learning experiences leading to a statewide or regional Jump Start credential. Each student’s Jump Start graduation pathway shall include courses and workplace experiences specific to the credential, courses related to foundational career skills requirements, and other courses (including career electives) the Jump Start regional team determines are appropriate for the career pathway.

**Assumption High School JUMPSTART Graduation Pathways**

**Statewide Graduation Pathways:**

* Carpentry
* Certified Mechanical Drafter
* Certified Nursing Assistant
* Electrician
* Welder

**Regional Graduation Pathways:**

* Business Management
* Carpenter Helper
* Electrician Helper
* Public Service
* Welder Helper

**Integrated Graduation Pathways:**

* Agriculture Tech
* Health Science
* Hospitality, Tourism, Culinary and Retail

INDUSTRY-BASED CERTIFICATIONS (IBCs)

An industry-based certification is tangible evidence that an individual has successfully demonstrated skill competencies in a specific set of work related tasks, single occupational area, or a cluster of related occupational areas.

* ACT National Career Readiness – Silver
* ADDA Apprentice Drafter
* Certified Nursing Aide
* Customer Service & Sales
* FEMA-IS-0700.A National Incident Management System
* First Aid / CPR / AED
* IC3 Digital Computer Literacy
* Microsoft Office Specialist Excel
* Microsoft Office Specialist PowerPoint
* Microsoft Office Specialist Word
* NCCER Carpentry
* NCCER Core
* NCCER Electrician
* NCCER Welding
* ServSafe Food Protection Manager Certificate

**COURSE DESCRIPTIONS**

**ENGLISH DEPARTMENT**

**Remediation English**: (1 Unit)

This course consists of developmental work to prepare students for high school level course work in English I. The course is designed to include reading interventions as needed on an individual student basis. This course is an elective credit and will not count as an English course for graduation requirements.

*Entry Level: 9th Prerequisite: None Fees: None*

**English I**: (1 Unit)

This course consists of study of grammar, literature, vocabulary, and composition. Emphasis in grammar is on knowledge and use of basic grammar. The paragraph, as well as the different types of writing, is introduced. Emphasis in literature is on short stories; poetry, drama, and the novel are also introduced. Vocabulary focuses on the use of context clues to determine meaning as well as knowledge of synonyms and antonyms. AN EOC EXAM WILL BE TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 9th Prerequisite: None Fees: None*

**English I (Honors)**: (1 Unit)

The honors level covers the work of the basic course in greater depth. Writing includes longer compositions, creative writing, and limited individual research using primary sources. Higher-order thinking skills are continually stressed and practiced. AN EOC EXAM WILL BE TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 9th Prerequisite: Parish Policy Fees: None*

**English II**: (1 Unit)

This course is a continued study of literature that enhances the student’s understanding of short stories, essays, poetry, drama and novels. Students will utilize specific reading strategies to understand more complex literature. The study of grammar, vocabulary, and writing continues with genre-specific assignments. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 10th Prerequisite: English I Fees: None*

**English II (Honors):** (1 Unit)

This course shares the same goals as English II but provides more challenging literature and more complex analysis of literature. Writing assignments require more independent research. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 10th Prerequisite: Parish Policy Fees: None*

**English III**: (1 Unit)

A variety of genres of American literature are studied, emphasizing the student’s personal response to the literature, analytical and critical responses, and vocabulary study. Written assignments are required. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 11th Prerequisite: English II Fees: None*

**English III (Honors):** (1 Unit)

Students will study in depth the various literary genres, including short stories, novels, and poetry by the major American authors. Class time is spent on discussion of the works and instruction in writing analytical essays, as well as vocabulary study. Students will write a term paper. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE. *AP or* *CLEP testing is available for this course.*

*Entry Level: 11th Prerequisite: Parish Policy Fees: $15*

**English III (Dual Enrollment):** (1 Unit)

Students will study in depth the various literary genres, including short stories, novels, and poetry by the major American authors. Extended writing assignments are required for this course that match the requirements of the university level English Composition I. Students will write an extended research paper. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 11th Prerequisite: English II and DE PLAN or ACT Scores Fees: $15*

**English IV:** (1 Unit)

This course is designed for students who plan to further their education through post-secondary study. The course stresses expository writing and verbal communication. A survey of British literature from Anglo-Saxon to the modern times is included with emphasis on both personal responses to the literature as well as more formal literary analysis. A research paper is required.

*Entry Level: 12th Prerequisite: English III Fees: None*

**English IV (Honors):** (1 Unit)

This course is designed to continue extensive writing and library research along with a study of English and Western literature with an emphasis on British literature. Some American classics will be included. Course requirements include novels, outside readings, essays, research, and a senior project. Topics include: Beowulf, The Canterbury Tales, Hamlet, Novel of Choice, Importance of Being Ernest, selected short stories, and poetry. A research paper is required*. AP or* *CLEP testing is available for this course.*

*Entry Level: 12th Prerequisite: English III and Parish Policy Fees: $15*

**English IV (Dual Enrollment):** (1 Unit)

This course is designed to continue extensive writing and library research along with a study of English and Western literature with an emphasis on British literature. Some American classics will be included. Course requirements include novels, outside readings, essays, research, and a senior project. Topics include: Beowulf, The Canterbury Tales, Hamlet, Novel of Choice, Importance of Being Ernest, selected short stories, and poetry. A research paper is required. Extended writing assignments are required for this course that match the requirements of the university level English Composition II.

*Entry Level: 12th Prerequisite: English III and DE PLAN or ACT Scores Fees: $15*

**Technical Writing**: (1 Unit)

This course is designed to provide students with communication skills needed in a business environment. Business letter writing including routine letters as well as specialized letters, memos, and reports is an important component of this course. The practical principals of grammar, punctuation, and vocabulary are included. Oral, listening, and nonverbal communication skills as they relate to business is stressed. Emphasis is also given to communications as related to technological advancements such as information management and telecommunications. The course also includes standardized test prep materials for those students in need of individualized remediation. This course is designed for non-college bound students in a Jumpstart pathway. WORK KEYS TESTS ARE TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 11th Prerequisite: English II Fees: TBD by Instructor*

**Business English (formerly Senior Applications in English):** (1 Unit)

This will be a rigorous and relevant course which prepares students for real world experiences. This curriculum focuses on career preparation with topics such as career choice and training, work ethics, conflict resolution in the work place, directing work life to achieve life goals—financial planning, time management, maintaining relationships, life-long learning, community service, and networking. Students will write an assortment of reports and essays, make oral and visual presentations, and practice job interviewing skills and writing resumes. This course is designed for non-college bound students in a Jumpstart pathway. WORK KEYS TESTS ARE TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 12th Prerequisites: English III or Technical Writing Fees: None*

**Multisensory Structured Language (MSL) I, II, III, and IV:** (1 Unit)

This course is a multisensory structured language course for students with dyslexia or dyslexic-like characteristics. This course uses the Wilson Reading System to systematically teach students how to fluently encode and decode words to improve oral and silent reading. The material is taught through interactive and multisensory instruction.

*Entry Level: 9th Prerequisites: Teacher Permission Fees: None*

**Reading**: (1 Unit)

This course is designed to teach students reading strategies that target comprehension skills such as making predictions, drawing conclusions, and making inferences, as well as intensive instruction in vocabulary skills. Identified students will receive more intensive instruction through the use of Read 180. The program directly addresses individual needs through adaptive and instructional software, high-interest literature, and direct instruction in reading and writing skills.

*Entry Level: 9th Prerequisites: Parish Policy Fees: None*

**MATHEMATICS DEPARTMENT**

**Remediation Math**: (1 Unit)

This course consists of developmental work to prepare students for high school level course work in Algebra I. The course is designed to include math interventions as needed on an individual student basis. This course is an elective credit and will not count as a math course for graduation requirements.

*Entry Level: 9th Prerequisite: None Fees: None*

**Pre-Algebra:** (1 Unit)

This course is designed to expand students’ knowledge of the real number system, computation, estimation, measurement, geometry, statistics, probability, patterns and functions, and fundamental concepts of mathematics.

*Entry Level: 9th Prerequisites: None Fees: None*

**Algebra I**: (1 Unit)

Students enrolled should have knowledge of four basic math operations. This course deals with equation, square root, ratio, proportion, inequalities, factoring and graphing. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 9th Prerequisites: Pre-Algebra or Parish Policy Fees: None*

**Algebra I** **Honors**: (1 Unit)

Course content includes operations with integers and integer expressions, equations, problem solving, inequalities, polynomials, factoring, rational expressions, graphing, and system of equations. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 9th Prerequisites: Parish Policy Fees: None*

**Math Essentials:** (1 Unit)

Course content includes ratio and proportion, probability and statistics, and Geometry topics. It also includes the study of linear, quadratic, and absolute value functions. This course is designed to enhance students’ performance in Algebra II and on the math End-of-Course tests.

*Entry Level: 10th Prerequisites: Algebra I Fees: None*

**Geometry:** (1 Unit)

Involves inductive and deductive reasoning, proofs, area, circles, polygons, and coordinate space geometry and construction. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 10th Prerequisites: Algebra I Fees: Calculator*

**Geometry** **Honors**: (1 Unit)

This course is a detailed study of circles, polygons, proofs, coordinate space geometry, and construction. It also includes inductive and deductive reasoning. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 10th Prerequisites: Parish Policy Fees: Calculator*

**Algebra II:** (1 Unit)

This course involves more detailed study of Algebra I functions and operations.

*Entry Level: 11th Prerequisites: Algebra I, Geometry Fees: Scientific calculator*

**Algebra II Honors**: (1 Unit)

This course covers linear, absolute value, square root, and quadratic equations. It also includes polynomials, relations and functions, real and complex numbers, analytic geometry, trigonometric functions, matrices, determinants, problem solving, and mathematical research. *CLEP testing is available for this course.*

*Entry Level: 10th Prerequisites: Parish Policy Fees: Scientific calculator and $15*

**Financial Literacy (formerly Financial Mathematics)**: (1 Unit)

This course involves the four basic math operations on whole numbers, fractions, and decimals. It also includes banking, insurance, taxes, money management, wages and percentages. This course is designed for non-college bound students on a Jumpstart pathway. WORK KEYS TESTS ARE TAKEN AT THE COMPLETION OF THIS COURSE.

 *Entry Level: 11th Prerequisites: None Fees: TBD by Instructor*

**Business Math:** (1 Unit)

This course further develops skills in financial math including business costs, sales and marketing, inventory, business profit, and international business. The course will also include applied math skills found on ACT WorkKeys assessments. This course is designed for non-college bound students on a Jumpstart pathway. WORK KEYS TESTS ARE TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 11th Prerequisites: Financial Literacy Fees: TBD by Instructor*

**Advanced Mathematics – Functions and Statistics**: (1 Unit)

This course involves complex number system, relations and functions, lines and planes, conics, exponential and logarithmic functions. College-bound students should schedule both Advanced Math- Functions and Statistics and Pre-Calculus. *CLEP testing is available for this course.*

*Entry Level: 11th Prerequisites: Algebra I & II, Fees: Scientific calculator*

 *and Geometry*

**Advanced Mathematics – Pre Calculus**: (1 Unit)

This course includes the study of six trigonometric functions, triangle trigonometry, polar equations, and complex numbers in polar form. Pre-calculus topics are also covered. *CLEP testing is available for this course.*

*Entry Level: 12th Prerequisites: Advanced Mathematics- Fees: Scientific calculator*

 *Functions and Statistics*

**Calculus AP:** (1 Unit)

This introductory course in calculus is primarily concerned with inequalities, functions, theory of equations, exponential and logarithmic functions, trigonometric functions, analytic geometry, limits, derivatives and integrals of algebraic functions, applications of derivatives and integrals. This course prepares students to take the Advanced Placement (AP) Calculus exam. This course may be offered online depending on student requests.

*Entry Level: 12th Prerequisites: Advanced Math-Pre-Calculus Fees: Scientific calculator and $15*

**SCIENCE DEPARTMENT**

**Physical Science:** (1 Unit)

This is an introductory course of basic information relating to chemistry and physics. Topics include the observation, measurement, and experiment design, nature or matter, atomic structure, chemical reactions, matter, forces and motion, energy, work and power, light, electricity and magnetism, and an integration of physical science and earth science principles.

*Entry Level: 9th Prerequisites: None Fees: $5.00/Scientific Calculator*

**Physical Science** **Honors:** (1 Unit)

This course is designed for the student who plans to go into science, engineering, or the medical field after high school. Topics include the observation, measurement, and experiment design, nature or matter, atomic structure, chemical reactions, matter, forces and motion, energy, work and power, light, electricity and magnetism, and an integration of physical science and earth science principles. It is expected that the student will continue to take the complete sequence of science courses offered at Assumption High School (Honors Biology I, Honors Chemistry, and AP Biology or Physics).

*Entry Level: 9th Prerequisites: Parish Policy Fees: $5.00*

**Biology I**: (1 Unit)

This is a required course for graduation; reintroduces the scientific method and emphasizes many aspects of plant, animal and microscopic life. Topics include the cell, reproduction and genetics, changes over time, traits and classification of life, balance in nature, and the human body, patterns of behavior, and health and disease. Some lab work is required. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 10th Prerequisites: Physical Science Fees: $5.00*

**Biology I Honors**: (1 Unit)

This course is designed for the student who plans to go into science, engineering, or the medical field after high school. Topics include the cell, reproduction and genetics, changes over time, traits and classification of life, balance in nature, and the human body, patterns of behavior, and health and disease. It is expected that the student will continue to take the complete sequence of science courses offered at Assumption High School. (Honors Physical Science, Honors Chemistry, and AP Biology or Physics) AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 10th Prerequisites: Physical Science and Parish Policy Fees: $10.00*

**Biology II**: (1 Unit)

This is an advanced course of study with emphasis on comparative vertebrate anatomy and physiology with emphasis on the human body. Requirements include animal dissection, laboratory work and some research. It is strongly suggested that students have earned a "C" or better in Biology I for enrollment in this course. *CLEP testing is available for this course.*

*Entry Level: 12th Prerequisites: Physical Science, Biology I Fees: $5.00*

**AP Biology**: (1 Unit)

This course is designed to investigate each of the topics as outlined in the AP Course description. These include Biochemistry, Cells, Respiration and Photosynthesis, Heredity, Molecular Genetics, Evolutionary Biology, Diversity of Organisms, Structure and Function of Plants and Animals, and Ecology. Students may take the AP exam in May which may earn them college credit. *CLEP testing is available for this course.*

*Entry Level: 12th Prerequisites: Biology I Lab Fees: $25.00 / Course Fee: $15.00*

**Chemistry**: (1 Unit)

This course involves a quantitative and qualitative study of atomic theory, matter, mole concept and basic lab techniques. Algebra II knowledge is necessary for math computations.

*Entry Level: 11th Prerequisites: Physical Science Fees: $5.00 lab fee, scientific*

*calculator*

**Chemistry Honors:** (1 Unit)

Emphasis is placed on the in-depth study of chemical topics and involves more rigorous and mathematically oriented study. Development of the major concepts of matter and the changes which matter undergoes, atomic structure, chemical bonding, chemical reactions, and behavior of solutions is enhanced by laboratory experimentation, critical thinking, and problem solving activities. The laboratory component of the course involves students in techniques that are specific to principles of chemistry. Technology is infused throughout the curriculum. Algebra II knowledge is necessary for math computations.

*Entry Level: 11th Prerequisites: Honors Physical Science Fees: $10.00, scientific*

*and Honors Biology or Parish Policy calculator*

**Environmental Science**: (1 Unit)

This course emphasizes the interactions between man and his environment, problems in the environment and alternative measures to solve these problems.

*Entry Level: 11th Prerequisites: None Fees: $5.00*

**Physics:** (1 Unit)

The course follows a logical, sequential development of major physics principles. The topics covered include mechanics, heat, wave motion, optics, electricity and magnetism. Trigonometry is needed for problem solving.

*Entry Level: 12th Prerequisites: Physical Science Fees: $5.00*

**SOCIAL STUDIES DEPARTMENT**

**World Geography:** (1 Unit)

This course involves the study of physical characteristics of land, its effect on people's lives and interaction with their environment. It also includes map skills and general location of specific features.

*Entry Level: 9th Prerequisites: None Fees: None*

**AP Human Geography / Honors**: (1 Unit)

This course offers a detailed study of both the physical and human characteristics of geography. It will investigate the land and its effect on its people and their environment. Students will also master map skills and geographic abilities. Students who meet the eligibility requirements will be allowed to take this course.

*Entry Level: 9th Prerequisites: Parish Policy Fees: None*

**Civics:** (1 Unit)

This is a political science course which deals with the rights and duties of American citizens. AN IBC EXAM FOR NATIONAL INCIDENT MANAGEMENT SYSTEM THROUGH FEMA IS GIVEN DURING THIS COURSE.

*Entry Level: 10th Prerequisites: None Fees: None*

**AP Government and Politics / Civics Honors**: (1 Unit)

This course will offer an in-depth look at the rights and duties of the American citizens. Students who meet the eligibility requirements will be allowed to take this course. Students may take the AP exam in May which may earn them college credit. AN IBC EXAM FOR NATIONAL INCIDENT MANAGEMENT SYSTEM THROUGH FEMA IS GIVEN DURING THIS COURSE.

*Entry Level: 10th Prerequisites: Parish Policy Fees: $15*

**American History:** (1 Unit)

This course is an in-depth study of the people and events that shaped the American nation (from Reconstruction 1870 to the present.) AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE.

*Entry Level: 11th Prerequisites: None Fees: None*

**American History Honors / Dual Enrollment**: (1 Unit)

This course is a more in-depth, college-level study of major topics in American history with emphasis on outside readings, research, and analytical writing. AN EOC EXAM IS TAKEN AT THE COMPLETION OF THIS COURSE. *CLEP testing is available for this course.*

*Entry Level: 11th Prerequisites: Parish Policy and Fees: $15*

 *PLAN or ACT Scores*

**World History**: (1 Unit)

This course focuses on historical events from 1450 to present and its effects on people’s lives.

*Entry Level: 11th Prerequisites: None Fees: None*

**World History AP/Honors/Dual Enrollment**: (1 Unit)

The themes and key concepts in AP World History are intended to provide foundational knowledge for future college-level course work in history. Command of these course themes and key concepts requires sufficient knowledge of detailed and specific relevant historical developments and processes — including names, chronology, facts, and events — to exemplify the themes and key concepts. Students may take the AP exam in May which may earn them college credit. *CLEP testing is available for this course.*

*Entry Level: 12th Prerequisites: Parish Policy and Fees: $15*

 *PLAN or ACT Scores*

**Law Studies**: (1 Unit)

This course is designed to teach students to apply law principles to personal and business settings. Emphasis is placed on skills in critical thinking that are reinforced in this course along with oral and written communication skills. Oral and written communication skills are reinforced in this course as students’ research, compose, format, and proofread legal office documents. Work-based learning strategies appropriate for this course are service learning, job shadowing, and internships. This course will also offer students a combination of theory with practical experience, as well as give them insight into dozens of professional fields including law enforcement, corrections administration and probation and parole.

*Entry Level: 12th Prerequisites: Civics Fees: None*

**FOREIGN LANGUAGE DEPARTMENT**

**French I:** (1 Unit)

This online course focuses on comprehension of spoken and written French as well as reading and writing skills. Short stories used frequently to introduce French culture and new vocabulary.

*Entry Level: 11th Prerequisites: None Fees: None*

**French II:** (1 Unit)

This is an online course. Understanding, speaking, reading, and writing the French language are stressed in Level II. It also involves continued use of narratives and recordings to reinforce French culture.

*Entry Level: 11th Prerequisites: French I Fees: None*

**Spanish I**: (1 Unit)

This online course focuses on comprehension of spoken and written Spanish as well as reading and writing skills. Short stories used frequently to introduce Spanish culture and new vocabulary.

*Entry Level: 11th Prerequisites: None Fees: None*

**Spanish II:** (1 Unit)

This is an online course. Understanding, speaking, reading, and writing the Spanish language are stressed in Level II. It also involves continued use of narratives and tape recordings to reinforce Spanish culture.

*Entry Level: 11th Prerequisites: Spanish I Fees: None*

**ELECTIVES**

**Art I**: (1 Unit)

Students explore visual arts elements, principles of design, and arts benchmarks through a variety of media. They develop critical thinking, productivity, and interact effectively with others through the production of art. The purpose is to develop aesthetic perception in order to extend communication through visual art works. This prepares students to make effective decisions in work and leisure. An art fee will be assessed at registration to cover the cost of basic art supplies used in this class.

*Entry Level: 10th Prerequisites: None Fees: $25.00*

**Art II:** (1 Unit)

Students extend and refine the use of visual arts elements, principles of design, and arts benchmarks through a variety of media. They develop accountability, collaboration, and cross-cultural skills. The purpose is to develop communication through visual art works. Students refine aesthetic perception to guide further studies

*Entry Level: 10th Prerequisite: Art I & Instructor Approval Fees: $25.00*

**Art III/Studio Art AP:** (1 Unit)

The advanced placement art courses are designed to prepare students for college, give them the necessary studio experiences to nurture their creativity, and give them the opportunity to earn college credit.  The AP 2D Design portfolio course addresses a broad interpretation of design issues and media that will involve the students in a sustained, informed, and critical decision-making process while making their art.  For this portfolio, students are asked to demonstrate continued investigation and mastery of all three sections (Quality, Concentration, and Breadth) of the 2D Design, or Drawing Portfolio.  Students may do this through any two-dimensional medium or process, including, but not limited to, Drawing, illustration, painting, and printmaking.  Abstract, observational, and inventive works may qualify. ***Pre-requisites: Seniors who have successfully completed ART 1 and 2, and acceptance into AP Art Program by administration and Art Faculty. Students will be enrolled in Art III fall semester and /or Art IVStudio AP Art spring semester to ensure adequate time is allowed for completion of requirements.***

*Entry Level: 12th Prerequisites: See Above Fees: Students responsible for purchasing/maintaining*

**Fine Arts Survey—Humanities**: (1 Unit)

College-prep class designed for in-depth historical study of art, music and literature of Western Civilization. Emphasis is placed on history.

*Entry Level: 9th Prerequisites: None Fees: None*

**Fine Arts Survey-Gifted & Talented:** (1 Unit)

Student must be **identified as gifted and/or talented**. This course is designed to facilitate enhanced studies having a variety of methods and materials.

*Entry Level: 9th Prerequisites: Instructor Approval Fees: None*

 *own supplies*

**Speech I:** (1 Unit)

This course is an excellent preparation for college introductory and intermediate speech courses which are mandatory at most universities. It also offers students an opportunity to be creative and become more comfortable in public and social situations while experiencing better communication skills through oral performances.

*Entry Level: 11th Prerequisites: None Fees: None*

**Publications I & II**: (1 Unit each)

This course is a restrictive elective for superior juniors and seniors. Emphasis is on copywriting, yearbook trends, and design and marketing techniques. Typing and camera skills preferred. Candidates will be selected according to recommendation based on writing samples and academic records. *(STUDENT MUST BE WILLING TO WORK AFTER SCHOOL AND DURING THE SUMMER MONTHS MAKING BUSINESS CONNECTIONS AND SOLICITING ADVERTISEMENTS FOR FINANCIAL SUPPORT.)*

*Entry Level: 11th Prerequisites: Instructor Approval Fees: Requires Ad Sales*

**Newspaper I & II**: (1 Unit each)

This course is a restrictive elective for superior seniors. Emphasis is on continued copywriting, yearbook trends, and design and marketing techniques. Typing and camera skills preferred. Candidates will be selected according to recommendation based on writing samples and academic records. *(STUDENT MUST BE WILLING TO WORK AFTER SCHOOL AND DURING THE SUMMER MONTHS MAKING BUSINESS CONNECTIONS AND SOLICITING ADVERTISEMENTS FOR FINANCIAL SUPPORT.)*

*Entry Level: 12th Prerequisites: Instructor Approval & Publications I & II Fees: Requires Ad Sales*

**PHYSICAL EDUCATION DEPARTMENT**

**Physical Education:** (1/2 and/or 1 Unit)

It is recommended that students schedule mandatory P.E. requirements during their 9th and 10th grade year. The following guidelines have been established:

* Not all activities will be offered to each student. (The instructor will choose specified activities.)
* Activities last 4.5 weeks and all classes are co-ed.
* Students are required to purchase a regulation uniform.
* Written and fitness tests are required each 4.5 weeks.
* Locks & lockers may be rented for use during enrollment in P.E. (STUDENTS MAY BRING THEIR OWN LOCKS.)
* Written doctor's excuse is required for extended illness or injury.
* Activities offered include fitness, badminton, softball, volleyball, weights, golf, tennis, basketball pickle ball, aerobics, bowling, step aerobics, dance, track and football.
* **IBC:** FIRST AID / CPR / AED CERTIFICATION ARE COMPLETED DURING FULL UNIT PHYSICAL EDUCATION

**Health Education:** (1/2 Unit)

Health Education is a **required** course. Topics covered include nutrition, safety, substance use and abuse, STDs and AIDS, mental health, consumer health, personal health, and violence.

**NOTE: NAVAL SCIENCE courses can be substituted for physical education graduation requirements. Marching Band, Cheer, and Dance Team may substitute for ½ unit of PE.**

**NAVAL SCIENCE DEPARTMENT**

**Naval Science I, I-A, II, II-A, III, III-A, IV and IV-A** (1 Unit each)

**Introduction to NJROTC**: The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. Topics covered include heritage and traditions of America, military drill and ceremonies, uniform regulations, physical fitness, orientation, principles of health, first aid, and survival, introduces students to the way that sea power has influenced history from the growth of early western civilization to the present day, deliver a basic understanding of the nautical sciences required in the education of Naval Officers, covering Maritime Geography, Life in the Seas, Meteorology, Basic Electricity, Astronomy, and Physical Science; an in-depth understanding of modern sea power’s role in the national security of their country, covering the U.S. Merchant Marine, Grand Strategy and Preparedness, United States Strategy and Naval Tactics, and National Security and Modern conflict; familiarize students with the organization of the U.S. Navy, covering Shore and Shipboard Organization, Navy Operations and Support Functions, Military Law, and International Law and the Sea; build on the basic qualities of a good follower and an effective leader and how to maximize one’s abilities in the leadership area; and polish up student leadership skills by studying a selection of writings on leadership from individuals, all of whom have been extremely successful in their roles in the naval services of both of the United States as well as other maritime services.

**MUSIC DEPARTMENT**

Students enrolling in band must have successfully completed the previous years of instruction and participation in band. Based upon grade level, instrument, and in some cases audition, students will be assigned to the appropriate band class. All students enrolled in the Concert Band class or Percussion class **MUST** perform with the Marching Band for at least one semester. All Wind and Percussion students will play in the Concert Band if selected by the director by demonstrating advanced musical skills. All members are required to attend all rehearsals and performances. Summer rehearsals begin after July 4th and attendance is mandatory. All band students must attend summer band camp. Students wishing to participate in other extra-curricular activities at Assumption High may do so as long as rehearsal and performance obligations have been met. The band director will set the criteria at the beginning of the school year. Students will be graded upon attendance at all rehearsals and performances, participation, and skill. All students are responsible for paying band fees. In addition, all students must pay an activity fee of $25 for insurance. Black leather band shoes are required to compliment the school band uniform and will cost approximately $30. All fees must be paid prior to the first football game. Fund Raising is important and all band students are required to participate and fulfill their financial obligation.

**Beginning Band**: (1 Unit)

Students explore creative expression by playing brass, woodwind, or percussion instruments and performing a variety of styles. Students develop collaboration, critical thinking and learn appropriate care, handling, and maintenance of musical instruments. The purpose is to develop communication through rehearsal and performance experiences. Students perform formal and informal concerts and prepare for continued study.

*Entry Level: 9th Prerequisites: Band in Middle School Fees: See above*

**Symphonic Band**: (1 Unit)

The purpose of this class is to enrich the student with a varied repertoire of music for band. This will also be supplemented with basic theory knowledge and music history. There will be an emphasis on technique, style, interpretation, reading ability, which will then be transferred to the music selected for that semester. This is a performance based group, so the majority of the grade is based upon attending of performances. We will move at a faster pace than the Concert Band. Prerequisites: Placement based upon audition with the director.

*Entry Level: 10th Prerequisites: Beginning Band Fees: See above*

**Percussion Class**: (1 Unit)

The purpose of this class is to focus on performance techniques and basic rudimentary skills on all percussion equipment. Skills include reading, snare drum rudiments, and care and maintenance of equipment. Prerequisites: Placement based upon audition with the director.

*Entry Level: 9th Prerequisites: Previous band experience Fees: See above*

**Advanced Band Class**: (1 Unit)

Students extend and refine aesthetic perception, critical analysis, historical and cultural perspective by playing brass, woodwind, or percussion instruments and performing a variety of styles. Students develop creativity, initiative, and self-direction. Advanced band serves a as a public relations ensemble for the school and the community (e.g., festival band). Students refine performance skills in formal and informal concerts and prepare for continue study.

*Entry Level: 11th or 12th Prerequisites: Symphonic Band / Beginning Band Fees: See above*

**Beginning Guitar Class:** (1 Unit)

The purpose of this course is to introduce the student to all aspects of the guitar. Students will begin learning notation and rhythm reading and learn various styles and skills to play the guitar. Other aspects learned will include beginning theory, basic technique, and overall appreciation for the instrument.

*Entry Level: 10th Prerequisites: None Fees: Acoustic guitar with strings and guitar picks needed*

**Intermediate Guitar Class:** (1 Unit)

The purpose of this course is to continue instruction in all aspects of the guitar. Students will continue learning notation and rhythm reading and learn various styles and skills to play the guitar. Other aspects learned will include history, beginning theory, basic technique, beginning aural skills, and overall appreciation for the instrument.

*Entry Level: 11th Prerequisites: Beginning Guitar Fees: Acoustic guitar with*

 *strings and guitar picks needed*

**AGRISCIENCE DEPARTMENT**

***Full completion of the NCCER Core Curriculum is REQUIRED as a prerequisite for all CTE classes beyond General Technology and Agriculture I. Students cannot schedule Carpentry, Welding, Pipefitting, Electrical, or Ag II unless students have completed the NCCER Core and have passed all the required prerequisite courses. Students must complete and sign the Registration and Release form prior to scheduling Ag I or GenTech.***

**Agriculture I:** (1 Unit)

This class provides students with basic knowledge of agriculture and the science applications in agriculture. It includes units in animal science, plant science, agricultural mechanics (including hand woodworking, and small gas engines), and agricultural leadership. Mathematics, science, English, biology, and human relations skills and work-based learning strategies will be reinforced in the course. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Students also work toward industry based certification by completing Basic Safety, Construction Math, and Introduction to Hand Tools sections of the NCCER Core Curriculum.

*Entry Level: 9th Prerequisites: Registration and Release Form Fees: Woodworking Project Fee*

**Agriculture II:** (1 Unit)

Agriscience II provides students with basic knowledge of agriculture and science applications in agriculture. This course includes units in Sugarcane production, agricultural mechanics (including power woodworking, oxy-fuel cutting, and welding), and agricultural leadership. Mathematics, science, English, biology, human relations skills and work-based learning strategies will be reinforced in this course. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

*Entry Level: 10th Prerequisites: Agriscience I Fees: Woodworking Project Fee*

 *AND NCCER CORE Card*

**Agriculture III:** (1 Unit)

This course is an advanced study in Agriscience based upon the local agricultural workforce and economic needs of the community. The major areas of study include personal development skills, animal systems, plant systems, environment issues, and mechanical skills (including advanced woodworking, advanced welding, surveying, plumbing, and electricity). Mathematics, science, English, biology, work-based learning strategies and human relation skills will be reinforced in the course. Supervised Agricultural Experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. AN IBC EXAM IS GIVEN IN THIS COURSE FROM Louisiana Agritechnology – Louisiana Farm Bureau.

*Entry Level: 11th Prerequisites: Agriscience II Fees: Woodworking Project Fee*

**Horticulture I & II**: (1 Unit each)

This course is designed to provide students with an overview of the horticulture industry. Topics for study include an orientation to the horticulture industry in Louisiana, types of growing media, basic plant science, plant propagation, vegetable production, and fruit production. Scientific, mathematical, economic, and technical principles are reinforced in this course, as are communication and critical thinking skills. Work-based learning strategies for this course are activities in the school greenhouse or lab facility. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

*Entry Level: 11th Prerequisite: Agriscience III Fees: Lab Fee*

*or Biology I and Instructor’s Permission*

**Agriculture Leadership**: (1 Unit)

This course will prepare individuals for agricultural careers, build awareness, and develop leadership for the food, fiber, and natural resources systems. The emphasis is on human relations, decision-making, promoting healthy lifestyles, maintaining a positive attitude, cooperative small and large group activities, and proper utilization of human resources. English, speaking skills, higher order thinking, and basic communication skills will be reinforced in this course. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

*Entry Level: 12th Prerequisite: Agriscience III Fees: None*

*and Instructor’s Permission*

**BUSINESS EDUCATION DEPARTMENT**

**Accounting I**: (1 Unit)

This course is designed to introduce students to basic accounting theory and procedures along with current applications of computer technology in account. Emphasis is placed on the mastery of basic accounting concepts and procedures.

*Entry Level: 11th Prerequisites: Basic math skills Fees: None*

**Introduction to Business Computer Applications**: (1 Unit)

This course is the first of two courses designed to provide students with basic computer application skills. Students will be introduced to the touch method of operating a computer keyboard to produce simple business documents. Emphasis is placed on basic computer concepts including both hardware and software, word processing, and spreadsheet applications. Computer technology will be presented that could lead to the student’s ability to obtain certification in basic information technology. AN IBC IN IC3 IS GIVEN DURING THIS COURSE.

*Entry Level: 9th Prerequisites: None Fees: None*

**Business Computer Applications**: (1 Unit)

This course is designed to acquaint students with the advanced principles associated with information processing. Students study advanced computer concepts, software applications, and computer systems. Emphasis is placed on skill development in using technology to perform advanced information processing. Topics of study include computer concepts, word processing, spreadsheet, database, and presentation software applications. AN IBC IN MOS WORD, POWERPOINT, EXCEL, AND ACCESS ARE GIVEN DURING THIS COURSE.

*Entry Level: 10th Prerequisites: Introduction to Fees: None*

 *Business Computer Applications*

**Principles of Business:** (1 Unit)

This course is an introductory course that provides students with basic business operations skills that can be applied in other personal and professional situations. Emphasis is placed on the exploration and description of basic business concepts and applications.

*Entry Level: 10th Prerequisites: None Fees: None*

**Customer Service:** (1 Unit)

Customer Service (1 credit)

This course is ideally geared for students in the 11 or 12 grades who are in the Jump Start pathway.  The course will prepare the student for entry-level retail sales concentrating on customer service through sales and service. Students will be able to identify the knowledge, skills, and abilities that employers have agreed are necessary for success in retail and related industries. Upon satisfactory completion of the course, the student will take the National Retail Federation Customer Service Industry Based Certification Test.

Requirement: 11th grade standing, good attendance record

*Entry Level: 11th Prerequisites: None Fees: None*

**FAMILY AND CONSUMER SCIENCES DEPARTMENT**

**Family and Consumer Sciences I:** (1 Unit)

This course examines multiple life roles and responsibilities of individuals and family members. The focus is on the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, and transferring school skills to life and work. Through simulated experiences students learn to fulfill their responsibilities associated with the work of the family and community.

*Entry Level: 9th Prerequisites: None Fee: $5.00 / sewing supplies*

**Family and Consumer Sciences II:** (1 Unit)

FACS II takes a closer look at growth and development, communication and relationships, marriage and parenting, child development and caring for children, family interactions and crisis, fulfilling community and career roles, time and money management, wardrobe, housing, health and well-being.  Students will construct a sewing project in the sewing lab portion of this class.

*Entry Level: 10th Prerequisites: FACS I Fee: $5.00 / sewing supplies*

**Nutrition and Food**: (1 Unit)

This course provides students with basic nutrition and wellness knowledge and basic food preparation skills. Emphasis is placed on food preparation, kitchen and meal management, and the relationship of diet to health. Topics of study include nutrition, meal planning, label information, safety and sanitation, kitchen equipment, measuring, use of recipes, basic food preparation, and consumer skills. Science, math, economics, and communication skills are reinforced in this course.

*Entry Level: 10th Prerequisites: FACS I Fees: $5.00*

**Advanced Nutrition and Food:** (1 Unit)

This course addresses more complex concepts in nutrition and food preparation, with emphasis on social, psychological, and cultural influences on food choices globally. Topics include nutrition and wellness for individuals and families across the life span; impact of technology on nutrition, foods, and related tools and equipment; management of food-related resources; acquiring, organizing, and evaluating information about foods and nutrition; and exploration of careers in all aspects of the food industry. Laboratory experiences are included. AN IBC IN SERVSAFE IS GIVEN AT THE END OF THIS COURSE.

*Entry Level: 10th Prerequisite: Nutrition and Food Fees: $5.00*

**HEALTH SCIENCE DEPARTMENT**

**Introduction to Health Occupations**: (1 Unit)

Introduction to Health Occupations gives the student the knowledge that all health care workers must learn before entering a health care occupation. This course is recommended to any student considering an occupation in the healthcare field or interested in the Certified Nursing Assistant course. **(*Grade of “C” or better needed to be eligible to take the CNA class.)***

*Entry Level: 10th Prerequisites: None Fees: None*

**Medical Terminology**: (1 Unit)

This course provides the student with the ability to identify medical terms by analyzing their components. Emphasis is placed on defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on skill development, both oral and written, of the language utilized for communication in the health care professions. Work-based learning strategies include field trips to appropriate sites. Opportunities for application of clinical and leadership skills are provided by participation in career and technical student organization activities.

*Entry Level: 11th Prerequisites: Medical Terminology Fees: None*

 *or Instructor’s Permission*

**Certified Nursing Assistant Course:** (3 Units)

The Certified Nursing Assistant Course is a two hour class that includes an introduction to healthcare, basic nursing skills, body structure and function, infection control, and the job-seeking process. Students also participate in supervised clinical activities. Upon successful completion of the course, a student is certified as a nursing assistant in the state of Louisiana. It is required that this course be taken in an exit or senior year. Many students use this course as a first step in a nursing career. ***A physical is required.***

*Entry Level: 12th Prerequisites: Intro to Fees: $25.00*

 *Health Occupations and Medical Terminology*

 *With Grade of C or higher*

**Sports Medicine I:** (1/2 Unit)

The course is designed to provide an overview of the field of sports medicine as well as expose students to fundamental skills involved in a sports medicine healthcare setting. Student will learn about the study of medicine and how the field of sports medicine is unique in its focus and delivery of healthcare. Some mandatory observation time may be required outside of normal school hours.

*Entry Level: 11th Prerequisites: grade of Fees: $25*

 *C or better in Biology I,*

 *Physical Science, English I,*

 *and English II, Medical Terminology, and Health Occupations*

**Sports Medicine II:** (1/2 Unit)

This course is designed to provide students with an overview of the pathology of sports injuries and the basic management skills. Students will learn about the body’s response to an injury and how to apply basic emergency action principles and skills. An emphasis is placed on an athlete’s psychological and sociological response to an injury and basic coping strategies utilized by healthcare professions to assist them to recovery. Some mandatory observation time may be required outside of normal school hours.

*Entry Level: 11th Prerequisites: Pass Sports Medicine I Fees: $25*

**TECHNOLOGY EDUCATION DEPARTMENT**

***Full completion of the NCCER Core Curriculum is REQUIRED as a prerequisite for all CTE classes beyond General Technology and Agriculture I. Students cannot schedule Carpentry, Welding, Pipefitting, Electrical, or Ag II unless students have completed the NCCER Core and have passed all the required prerequisite courses. Students must complete and sign the Registration and Release form prior to scheduling Ag I or GenTech.***

**General Technology:** (1 Unit)

This beginner’s course provides excellent practical knowledge along with applicable hands-on experience for students interested in a career in construction. The curriculum includes the first 3 modules of National Center for Construction Education Research (NCCER) Core: Basic Safety, Construction Math, and Hand Tool Safety & Identification. Students will also complete Level I Welding Modules, Oxyfuel Cutting, and Base Metal Preparation. Shop participation is required in woodworking and in welding since 60% of the class is hands-on. AN IBC IN NCCER CORE CURRICULUM IS OFFERED DURING THIS COURSE.

*Entry Level: 9th Prerequisites: None Fees: Lab fees required*

**NCCER CORE:** (1 Unit)

This course is designed as a remediation course for those students who are unable to complete the NCCER Core Curriculum in Agriculture I or General Technology. AN IBC IN NCCER CORE CURRICULUM IS OFFERED DURING THIS COURSE.

*Entry Level: 10th Prerequisites: Agriculture I or Gen Tech Fees: Lab fees required*

**NCCER Carpentry I**: (1 Unit)

Students will complete the course requirements for National Center for Construction Education Research (NCCER) certification. NCCER Level I Carpentry is taught including Wood Identification, Fasteners, and Joinery. Students are required to complete a small project of choice (Chair, Swing, Picnic Table, or Bench). Shop participation is required because 60% of the class is hands-on. AN IBC IN NCCER CARPENTRY IS OFFERED DURING THIS COURSE.

*Entry Level: 10th Prerequisites: Agriculture I or Fees: Lab fees*

 *General Technology AND NCCER CORE*

**NCCER Carpentry II**: (1 Unit)

Students will complete the National Center for Construction Education Research (NCCER) Level I Carpentry. Students will design and construct complex projects, such as entertainment centers, gun cabinets, etc. using advanced techniques learned in previous classes. AN IBC IN NCCER CARPENTRY IS OFFERED DURING THIS COURSE.

*Entry Level: 11th Prerequisite: NCCER CARPENTRY I Fees: Lab fees*

**Basic Technical Drafting**: (1 Unit)

This course provides the student with a general overview of the basic concepts that are common to the broad field of technical drawing. Drafting is used to describe objects that cannot be effectively and precisely described within the written words of a language. This course develops the student’s ability to express ideas in pictorial form, to describe objects through the use of drawings, and to read and to understand projection methods and working drawings.

*Entry Level: 10th Prerequisite: None Fees: TBD by Instructor*

**Advanced Technology Drafting**: (1 Unit)

This course teaches the concepts and skills needed in CAD as well as hands-on-training in 2D drafting and designing mechanical and architectural drawings. Students draw a detailed set of working drawings.

*Entry Level: 11th Prerequisite: Basic Tech. Drafting Fees: TBD by Instructor*

**NCCER Electricity I**: (1 Unit)

This course provides practical experience in wiring devices, distribution of electricity and basic knowledge of electrical theory.

*Entry Level: 10th Prerequisite: Agriculture I or Fees: TBD by Instructor*

 *General Technology AND NCCER CORE*

**NCCER Electricity II:** (1 Unit)

This course provides a wide background in chemical plant employment and basic knowledge of instrumentation.

*Entry Level: 11th Prerequisite: Electricity I Fees: TBD by Instructor*

**NCCER Welding I**: (1 Unit)

Students will complete the course requirements for National Center for Construction Education Research (NCCER) certification. Course work includes: Power Tool Safety and Identification, Blue Print Reading, Basic Rigging, and Communication Skills. The Level I Welding Module will continue here. Students can work towards an American Welding Society Welding (AWS) Certification. 75% of the class is hands-on welding.

*Entry Level: 10th Prerequisite: Agriculture I or Fees: $25.00*

 *General Technology AND NCCER CORE*

**NCCER Welding II**: (1 Unit)

This class is designed to prepare students interested in working in the welding field. Students will receive intermediate level instruction on shielded metal arc welding techniques and oxy-fuel cutting. Techniques include plate preparation, structural welding, and pipe welding. Students will spend approximately 90% of their time in the shop completing assigned tasks. Students can continue their preparation for an American Welding Society (AWS) Certification.

*Entry Level: 11th Prerequisite: NCCER Welding I Fees: $25.00*

**NCCER Pipe-Fitting Level I:** (1 Unit)

Students will be eligible to attend night class at AHS to complete Levels II, III, and IV to become Journeyman Pipe-fitter for employment.

*Entry Level: 11th Prerequisite: Agriculture I Fees: $25.00*

 *Or Gen Tech I AND NCCER CORE*

**ADDITIONAL COURSE OFFERINGS**

**Jag I**: (1 Unit)

The primary process objective is to keep participants in high school through graduation during the first JAG class students will focus on the transition from Middle school to high school. The student will complete several different career interest inventories and participate in team building activities.

*Entry Level: 9th Prerequisites: None Fees: None*

**JAG II**: (1 Unit)

**Employability Skills.** The JAG National Curriculum equips participants with [37 employability competencies](http://www.jag.org/model_competencies.htm) that will prepare them for the workplace.

*Entry Level: 10th Prerequisites: None Fees: None*

**JAG III**: (1 Unit)

 Specialists provide advice and support as students make significant career and life decisions in the earlier grades.  Multi-year participants may receive as many as [86 competencies](http://www.jag.org/model_competencies.htm)identified by JAG.

*Entry Level: 11th Prerequisites: None Fees: None*

**JAG  IV**: (1 Unit)

Typically for Seniors, this class will deliver a unique set of services to targeted youth in high school, including 12 months of post-graduation follow-up services that will result in the graduate pursuing a postsecondary education and/or entering the workforce in a quality job leading to a career.

*Entry Level: 12th Prerequisites: None Fees: None*

**Education for Careers**: (1 Unit)

This course is designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choice. Students will be made aware that there are many factors to consider before selecting a suitable career. This course will assist the student in assessing their personal strengths and weaknesses as they relate to career decisions. This course will aid the student in developing strategies to make an effective transition from school to work.

*Entry Level: 11th Prerequisites: None Fees: None*

**ACT Prep**: (1 Credit)

This class offers assistance to students in preparing for all portions of the ACT test (national standardized college admission exam required by all Louisiana colleges and the TOPS scholarship program).

*Entry Level: 11th Prerequisites: None Fees: None*

**SPECIAL SERVICES**

**Independent Investigation:** (1 Unit)

Student must be **identified as gifted and/or talented** . This course is designed to facilitate enhanced studies using a variety of methods and materials. Levels I, II, III, IV are offered. ½ unit course is also offered.

*Entry Level: 9th Prerequisites: Instructor Approval Fees: None*

**Study Skills**: (1 Unit)

The goal of this study skills program is to offer services to students with learning differences and to develop organizational skills as well as remediation. All students receiving accommodations should take part in this program. The class includes test-taking strategies, learning methods and study techniques. This class will count as an elective and a Carnegie unit awarded.

*Entry Level: 9th Prerequisites: Instructor Approval Fees: None*

\***ARTICULATED CREDIT (see description on page 13)**