



What's Your **TOR** Major?

Communication, Arts, & Business (CAB)

Business ♦ Visual & Performing Arts

Science, Technology, Engineering, and Math (STEM)

Agriculture Tech. ♦ Carpentry ♦ Computer Science ♦ Engineering

Health & Human Services (HHS)

JROTC ♦ Pre-Nursing ♦ Pro-Start ♦ Sports Medicine

International Baccalaureate

Diploma Programme ♦ Career-related Programme

Northshore Technical Community College

Career & Development of Young Children
Certified Nursing Assistant (Fall)
EKG/Phlebotomy (Spring)
Electrical (No Certification)
EMT (Evening Only)

HVAC (No Certification)
Intro to IT
Machining
Pharmacy Tech
Welding

Honors Courses

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|------------------------|----------------------|
| Algebra I | World History |
| Algebra II | World Geography |
| Advanced Math | Physical Science |
| English I, II, III, IV | Biology |
| Geometry | Chemistry |
| Civics | Anatomy & Physiology |
| American History | |

To be eligible for 9th grade honors classes at HHMS, a student must meet the following criteria:

- ♦ Teacher recommendation w/signature
- ♦ 3.0 GPA in subject area
- ♦ 2.8 overall GPA

Dual Enrollment - Southeastern La. University

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|--|--------------------------------------|
| Eng. III — SELU English 101 | Chemistry II — SELU Chemistry 101 |
| Eng. IV — SELU English 102 | *Psychology — SELU Psychology 101 |
| Adv. Math — SELU Math 161/162 | Anatomy & Physiology — SELU GBIO 151 |
| Calc. & Bus. Calc. & Stats — SELU Math 163/241 | |

- Students must meet all prerequisites for dual enrollment courses and must have a 19 composite on the ACT and an 18 in English for English and science courses and a 19 in math to dual enroll in math.
- Psychology does not count as a qualifying Social Studies for TOPS.
- Course offerings depend on enrollment. There must be a minimum of 20 students per class in order to offer the course.

AP Courses

AP Human Geography - Students are required to take the AP test at the end of the semester. The course cost is currently \$94.

Freshman Electives

- Agriscience I
- Allied Health I
- Art I
- Band - Beginning
- Band - Advanced
- Choir - Beginning
- Choir - Intermediate
- Choir - Advanced
- Family Consumer Science I
- IBCA (Intro to Business Computer Applications)
- Intro to Engineering
- JAG I
- JROTC I
- Piano I
- Theatre I

All courses including the electives above have a class fee. See course guide for details.

Sophomore Electives

- Agriscience I & II
- Allied Health I
- Art I, II
- Band - Beginning & Advanced
- Choir - Beginning, Intermediate, & Advanced
- Business Computer Applications (BCA)
- Computer Science I & II
- Desktop Publishing
- Engineering II
- Family Consumer Science I & II
- Graphic Design
- Intro to Engineering
- IBCA (Intro to Business Computer Applications)
- JAG I & II
- JROTC I & II
- Multimedia Arts
- Medical Terminology
- NCCER Core
- Nut. & Food/Adv. Nutrition - 1/2 credit ea.
- Piano I & II
- Publications I & II - Yearbook
- Small Animal Care I/II - 1/2 credit ea.
- Sports Medicine I/II - 1/2 credit ea.
- STAR I & II
- Theatre I, II

Students must meet all prerequisites and requirements.

All courses above, including the electives, have a class fee. See course guide for details.

Junior & Senior Electives

- ACT Prep - 1/2 credit
- Agriscience I, II, III
- Agriscience Leadership
- Allied Health I
- Art I, II, III, IV
- Band - Beginning
- Band - Advanced
- Choir - Beginning
- Choir - Intermediate
- Choir - Advanced
- Business Computer Applications (BCA)
- Certified Nursing Assistant @ NTCC
- Computer Science I & II
- Customer Service
- Desktop Publishing
- Early Childhood Education I & II
- Emergency Medical Tech @ NTCC
- Engineering II & III
- Entrepreneurship
- Family Consumer Science I & II
- First Responder
- Geographic Information Systems (GIS)
- Graphic Design
- IBCA
- JAG I, II, III, IV
- JROTC I, II, III, IV
- Multimedia Arts
- Medical Terminology
- NCCER Carpentry
- Nutrition & Food - 1/2 credit
- Advanced Nutrition - 1/2 credit
- Pharmacy Tech @ NTCC
- Piano I, II, III, IV
- Pro Start II (2.0 credits)
- Publications I, II (Yearbook)
- Robotics
- Small Animal Care I/II - 1/2 credit ea.
- Sports Medicine III/IV
- STAR I & II
- Theatre I, II, III, IV
- Veterinarian Tech

Students must meet all prerequisites and requirements.

All courses above, including the electives, have a class fee. See course guide for details.

Something for Everyone

Athletics, extra-curricular activities, clubs, and student organizations are a vital part of Hammond High Magnet School. The goal of all co-curricular activities is to help each student become involved and realize his/her potential. Statistics prove that students who are involved in clubs and extra-curricular activities make better grades and are more likely to succeed in life after high school.

Clubs & Organizations

- 30+ Club
- 4-H
- 4-H Tech
- Art Club
- Beta Club
- Book Club
- Diamond Girls
- Fellowship of Christian Athletes
- Future Farmers of America
- Interact
- JAG Career Association
- JROTC
- Key Club
- Life Skills Club
- Math Club
- National Honor Society
- Pro-Start
- Quiz Bowl
- Sci-Fi/Fantasy Club
- Science Club
- Sports Med
- Step Team
- Student Council
- Storm Chasers (Paint Up)
- Torbotics
- Tor Buddies
- Tornado Trail Yearbook
- Tornado Twisters (Pep Squad)

Athletics

- Football
- Volleyball
- Cross Country
- Swim Team
- Boys Soccer
- Girls Soccer
- Boys Basketball
- Girls Basketball
- Bowling
- Softball
- Gymnastics
- Golf
- Tennis
- Boys Track & Field
- Girls Track & Field
- Baseball
- Powerlifting
- Football Managers

Spirit Teams

- Cheer
- Torettes
- Flag Team (Color Guard)

Performing Arts

- Theatre
- Choir
- Piano
- Band

ELECTIVE COURSE DESCRIPTIONS

ACT PREP (½ credit)

Prerequisites: 10th grade spring semester and must be enrolled in Algebra II or higher mathematics course. This course is designed to prepare students for the ACT test. Emphasis is placed in the following areas: English, math, reading, and science reasoning. Released practice items and practice tests are utilized throughout the course. Students are required to take the ACT test as part of the class.

AGRISCIENCE I (Tor Major - STEM)

No prerequisites required. Agriscience I provides students with basic knowledge of agriculture and its history and the science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics, basic carpentry, food science technology, and agricultural leadership. Mathematics, science, English, biology, and human relations skills will be reinforced in the course. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, and internships. Supervised Agricultural Experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Students will be required to fulfill requirements for earning the Greenhand Degree as stated in Section C of Article VI of the FFA Constitution and Bylaws. To be eligible to receive this degree, students must be enrolled in Agricultural Education and have plans for an SAE; learn and recite the FFA creed, motto, salute, and mission statement; describe and explain the meaning of the FFA emblem and colors; demonstrate a knowledge of the history of the FFA organization; and personally own or have access to an official FFA Manual.

AGRISCIENCE II (Tor Major - STEM)

Prerequisite: Agriscience I. Ag II provides students with basic knowledge of agriculture and science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics, and agricultural leadership. Mathematics, science, English, biology, and human relations skills will be reinforced in the course. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, and internships. Supervised Agricultural Experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

AGRISCIENCE III (Tor Major - STEM)

Prerequisite: Agriscience II. 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 should include personal development skills, animal systems, plant systems, environment issues, and mechanical skills. Mathematics, science, English, biology, and human relation skills will be reinforced in the course. Work-based learning strategies appropriate for this course are field trips, school-based enterprises, and job shadowing. 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.

AGRISCIENCE LEADERSHIP (Tor Major – STEM)

No prerequisites required. 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, higher order thinking, and basic communication skills will be reinforced in this course. Work-based learning strategies appropriate for this course are service learning and field trips. 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.

ALLIED HEALTH I (Tor Major - HHS)

No prerequisites required. Allied Health I is a prerequisite for all other medical courses. This course provides an introduction to medical occupations and professions. Education and responsibilities of various health careers will be explored. Additionally, basic concepts of medical terminology, safety and accident prevention, professionalism, legal aspects, computers in health care, and an introduction to anatomy and physiology will be addressed.

ART I (Tor Major - CAB)

No prerequisites required. This course is designed for students with no previous art instruction who are interested in developing their artistic skills. Emphasis is on understanding the elements of art and developing perceptual skills. Students are expected to complete comprehensive art projects at the end of each unit. Art history and terminology are also taught throughout the year.

ART II (Tor Major - CAB)

Prerequisites: C or better in Art I. This course continues studies begun in Art I by introducing advanced techniques and more developed art history studies. New materials such as watercolor, clay, ceramics, pastels, and paper mache are introduced. Art II students further develop their perceptual skills, studying the human figure, landscape, and still life.

ART III (Tor Major – CAB)

Prerequisites: C or better in Art II. The Art III class is designed to give students more freedom with large projects, but with a very thorough focus on specific periods in art history. The student is encouraged to experiment with new media and develop individual interests and strengths. Some of the new media used in Art III are ink, impasto, plaster, and found objects.

ART IV (Tor Major - CAB)

Prerequisites: C or better in Art III. The Art IV class is combined with the Art III class, and the curriculum rotates each year. The description for Art III is the same for Art IV. Art IV students and Art III seniors will also dedicate the last two months of the school year to building the Senior Art Show (mandatory). Seniors learn how to professionally mat, hang, and present their artwork for public viewing.

BEGINNING BAND (Tor Major – CAB)

No prerequisites required. This course is open to students who have limited to no experience playing a musical instrument. Students will be instructed in music and will also learn how to play the instrument of their choice. Students are asked to supply their own instruments in most cases; however, some instruments are available for students to rent. Students are required to participate in marching and concert band. This is a co-curricular class and will require after-school rehearsals. Students will be notified in advance of those rehearsal dates and times.

ADVANCED BAND (Tor Major – CAB)

Prerequisites: Prior band experience and approval of instructor by audition. This is a study of the literature of the period of music with rehearsal and performance on the highest level achievable. This band performs at all football games and other activities concerning the school that require the presence of a band. Attendance and cooperation are very important. This is a co-curricular class and will require after-school rehearsals. Students will be notified in advance of those rehearsal dates and times.

BUSINESS COMPUTER APPLICATIONS (BCA) (Tor Major - CAB)

Prerequisite: IBCA. 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, spreadsheets, database and presentation software applications, which will increase in difficulty in the second semester. Computer technology will be presented that may lead to the student's ability to obtain advanced certification in a popular office software package that includes word processing, spreadsheets, databases, e-mail, and presentation programs. The student will participate in job training for entry-level employment in computer information processing for advanced study at the post-secondary level. Communication skills, keyboarding, decision-making, technology, and critical thinking skills are reinforced in this course through business application projects.

CERTIFIED NURSING ASSISTANT (CNA) @ NTCC - 2.0 Credits (Tor Major - STEM)

Prerequisites: Biology II, overall 2.0 GPA, and must be 17 years of age by January 31. Students will be required to have a TB skin test and updated immunizations. Additionally they will be required to undergo a background check and fingerprinting through the La. State Police Dept. in Baton Rouge. This course requires students to attend classes for two blocks. To obtain industry based certification, the student must successfully complete the DHH required coursework, and complete 100 clinical hours, and pass the DHH exam. This course is designed to prepare students as Certified Nursing Assistants for jobs in hospitals, nursing homes, and other healthcare facilities. Students will learn the language of the health science profession. They will be exposed to the concepts, materials, and skills necessary to earn national CNA certification based on coursework and clinical hours. Clinicals are in the spring semester. Fees and supplies generally cost \$100—subject to change.

CHOIR-BEGINNING (Tor Major - CAB)

No prerequisites required. Beginning Choir is open to students who have not taken choir previously at HHMS. This is a performance-based class. Students will learn proper vocal technique, basic music theory, sight-singing, note recognition, and rhythms. Musical selections performed will be from classical vocal literature, arts music, spiritual and folk genres and are performed in English as well as other languages. Choir is a co-curricular class and requires after school practices and performances as part of the student's grade.

CHOIR - INTERMEDIATE (Tor Major - CAB)

Prerequisite: Successful participation and completion of Beginning Choir. No audition is necessary. This choir practices sight reading, proper breathing technique, music theory, and some music history with a focus on singing classic choral repertoire. Students are expected to perform at two concerts per year – one per semester. There are also opportunities to audition for higher level honor choirs within the parish, district, and state.

CHOIR - ADVANCED (Tor Major - CAB)

Prerequisite: Advanced Choir is open to students in grades 9 through 12 by audition only and with teacher recommendation. Advanced Choir participates in competitions at the parish, district, and state level. Performances consist of two concerts per year – one per semester; and possible performances throughout the parish. There are also opportunities to audition for higher level honor choirs within the parish, district, and state. Advanced Choir practices sight reading, proper breathing technique, music theory, and some music history with a focus on singing classical choral repertoire.

COMPUTER SCIENCE I (Tor Major - STEM)

Prerequisites: Algebra I. This course addresses the structure and power of programming languages. Emphasis will be placed on development of language syntax, control statements, algorithms, and logical solution structure, including the use of visual organizers in the design process. The JAVA language will be used to code problem solutions. Components covered are input/output, control structures, data types, mathematical formulas, arrays, search, sorts, and graphs.

COMPUTER SCIENCE II (Tor Major - STEM)

Prerequisites: Computer Science I and/or concurrent enrollment in Algebra II. CSII is a continuation of Computer Science I in which students will develop coding proficiency in JAVA, creating robust programs with increased emphasis on design, style and clarity of expression, and documentation for ease of maintenance, program expansion, reliability, and validity. Topics include recursion, advanced data structures, and a variety of search and sort techniques.

DESKTOP PUBLISHING (Tor Major — CAB)

Prerequisite: IBCA and BCA. Desktop Publishing provides students the opportunity to learn and utilize Adobe Photoshop and Adobe InDesign. Students will learn photo editing and manipulation techniques. They will create, format, illustrate, design, edit/revise print and web publications such as posters, fliers, newsletters, menus, portfolios, and web banners. Skills learned in this class lend themselves towards many exciting careers in graphic design. Students will have the opportunity to earn industry-based certifications for Adobe Photoshop and Adobe InDesign.

EARLY CHILDHOOD EDUCATION I (Tor Major - HHS)

No prerequisites required. Early Childhood Education I prepares students to work with children from birth to age eight. Emphasis is placed on enhancing the development of young children while providing early education and care. Stages of child development, health, safety, guidance and developmentally appropriate activities are reinforced. Skill development projects and FCCLA (Family, Career and Community Leaders of America) leadership activities provide the opportunity to apply competencies and workplace readiness skills to meet requirements for CDA (Child Development Associate) credential and for work as an elementary school teacher.

EARLY CHILDHOOD EDUCATION II (Tor Major - HHS)

Prerequisite: Early Childhood Education I. This course prepares students for employment in early childhood education and child-related careers. Emphasis is placed on enhancing the development of young children while providing early education and care. Topics include planning and guiding developmentally appropriate activities for young children; developmentally appropriate practices of guidance and discipline; application of basic health and safety principles when working with children; management and operation of licensed child care facilities; state child care regulations and licensing requirements; and employability skills. Foundation skill development is included for students to meet requirements for CDA (Child Development Associate) credential and for work as an elementary school teacher.

EMERGENCY MEDICAL TECHNICIAN (EMT) @ Northshore Technical Community College (Tor Major - HHS)

Prerequisite: First Responder certification. The course prepares students to work as an Emergency Medical Technician who provides attention as patients are transported to medical facilities. Upon completion of the course and required clinical hours, students will earn five certifications, two high school credits, and six college credits through Northshore Technical Community College.

ENTREPRENEURSHIP I (Tor Major - CAB)

No prerequisites required. The Micro-Enterprise Credential (Entrepreneurship I) provides students with the fundamental skills and knowledge they need to be effective small business employees and certifies that students have mastered workplace behaviors and communication skills, specific small business activities (e.g., complete credit applications, complete online company registrations), and gained the financial literacy necessary to become effective small business employees and small business owners/entrepreneurs.

ENTREPRENEURSHIP II (Tor Major - CAB)

Prerequisite: Entrepreneurship i. The Statewide Micro-Enterprise Credential (Entrepreneurship II) provides students with hands-on opportunities to expand the skills that will make them effective small business employees and young entrepreneurs, culminating in an international entrepreneurship and small business (ESB) credential. Students attaining the Statewide Micro-Enterprise Credential will learn about the determination, self-confidence and sense of mission that drive successful entrepreneurs. University-bound students will find that the Statewide Micro-Enterprise Credential prepares them for future college-level studies in a variety of fields (i.e., Business Administration, Finance, Psychology, and Organizational Behavior.)

ENGINEERING I - INTRO (Tor Major - STEM)

Prerequisites: "C" or better in math and science. Intro to Engineering is a prerequisite for Robotics class/team. The major focus of the course is to expose students to the design process, research and analysis, teamwork, communication methods, engineering standards, and engineering careers. This course gives students the opportunity to develop skills and understanding of course concepts through activity-based, project-based, and problem-based (APPB) learning. Students will employ engineering and scientific concepts in the solution of engineering design problems and will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course.

ENGINEERING II

Prerequisite: Engineering I and a "C" or better in math and science. Engineering II is a continuation of Engineering I and is a prerequisite for Robotics class/team.

ENGINEERING DESIGN I (ROBOTICS) (Tor Major - STEM)

Prerequisites: Intro to Engineering, teacher approval, must meet the Robotics criteria, and an overall 2.8 GPA or better. The main focus of this course is to expose students to the design process, research and analysis, team work, communication methods, global and human impacts, engineering standards, and technical documentation. Students enrolled in this class will design a robot and be expected to fulfill all requirements of the Robotics Team. Extensive out-of-class work is required including after school, weekends, and holidays.

FAMILY AND CONSUMER SCIENCE I (Tor Major - HHS)

No prerequisites required. FCS I is a comprehensive home economics course that provides instruction in food and nutrition, consumer education, clothing selection, care and repair, housing and resource management, personal development, family relations, and child development. Labs are required.

FAMILY AND CONSUMER SCIENCE II (Tor Major - HHS)

Prerequisite: FCS I. FCS II is a continuation of FCS I. Laboratory experiences are required.

FIRST RESPONDER (Tor Major - HHS)

Prerequisites: Must submit a certification application and pay fee to the Bureau of EMS - see counselor; 16 years of age by December 1, overall GPA 2.5, and additional requirements as outlined by State Department and Bureau of EMS; completion of required BEMS coursework and successfully pass the state approved exam. In this full year course, the students will learn and understand the critical link between a patient's illness and the care provided by EMS professionals. Students will be provided the opportunity to earn a certification for CPR-BLS for Health Care Provider with the American Heart Association prior to First Responder certification. First Responder certification is possible upon successful completion of this course and passing the state approved exam.

Geographic Information Systems (Tor Major STEM)

Prerequisite: Administrative approval. This course introduces the concepts and components of a geographic information system (GIS). It teaches the essential skills of operating a functional GIS through the use of ArcGIS software. By completing this course, students will understand the operational processes of spatial data acquisition, metadata development, geodatabase design, spatial query and display, spatial analysis and modeling, preliminary GIS application development, cartographic mapping and dynamic visualization, and GIS implementation basics. GIS technology has broad applications in natural and social sciences, humanities, environmental studies, engineering, and management. Examples include wildlife habitat study, urban and regional planning, contagious disease monitoring, agriculture and forestry, environmental quality assessment, emergency management, transportation planning, consumer and competitor analysis, and many more. The course cost is \$375.00 (subject to change).

GRAPHIC DESIGN (Tor Major - CAB)

Prerequisites: Students must have already taken or are currently taking Art 1 & BCA/IBCA. This course is designed to give students a practical understanding of Adobe Photoshop, Illustrator, and InDesign. Students will complete digital and print projects related to the commercial print industry, such as logo design, publication, and photo manipulation. Students will also have the opportunity to earn up to three industry-based certifications for Adobe software.

INTRODUCTION TO BUSINESS COMPUTER APPLICATIONS (IBCA) (Tor Major - CAB)

No prerequisites required. IBCA provides students with business computer application skills. Students will be introduced to the touch method of operating a keyboard to produce simple business documents. Emphasis is placed on basic computer concepts, hardware and software, word processing, presentation, and spreadsheet applications. Students will be working towards passing the Microsoft Office Specialist exam. Students will have the opportunity to take this exam upon completion of this course. Any student who passes will receive an industry-based certification.

JAG I, II, III, & IV - JOBS FOR AMERICA'S GRADUATES

Prerequisite: Administrative approval. JAG Specialists deliver an array of counseling, employability skills development, career association, job development, and job placement services that will help prepare students for either a quality job leading to a career after graduation or enrollment in a post-secondary education and training program.

JROTC I (Tor Major - HHS)

Students are issued a complete Army regulation uniform with all accoutrements. In accordance with the curriculum, students are required to wear and maintain their individual uniforms. Complete uniforms must be turned in upon completion of their coursework or students will be charged for missing items. Minimal class fees may be charged to offset the cost of a class t-shirt for wear at drill competition and during the Presidential Fitness Challenge. Course requirements include mandatory participation to several school and community events, in uniform, as specified in the syllabus.

JROTC II (Tor Major - HHS)

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

JROTC III (Tor Major – HHS)

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

JROTC IV (Tor Major - HHS)

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

MULTIMEDIA ARTS (Tor Major - CAB)

Prerequisites: Students must have already taken BCA and IBCA. This course is designed to give students a practical understanding of the Adobe A/V software (Premiere, After Effects, and Audition), Adobe Dreamweaver, and AVID Pro Tools. Students will complete multimedia projects, such as website design, video editing, and audio recording. Projects coincide with commercial art career paths, but they also allow for freedom and creativity. Students will be able to earn up to three industry-based certifications in the class.

MEDICAL TERMINOLOGY (Tor Major - STEM)

Prerequisite: Overall 2.0 GPA. In this course students will learn the foundation for listening, reading, speaking, and writing medical terms. This course is recommended for any student interested in pursuing a career in the medical field.

NCCER-CARPENTRY (National Center for Construction Education & Research)

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

NCCER-CORE (National Center for Construction Education & Research)

No prerequisites required. Students learn basic safety, construction math, and an introduction to the following: hand tools, power tools, construction drawings, basic riggings, basic communication skills, basic employability skills, and material handling. This course is a prerequisite for welding and carpentry. NCCER-Core provides an industry based certification opportunity.

NUTRITION AND FOOD - ½ credit (Tor Major - HHS)

No prerequisites required. The first half of the course covers the basic principles of nutrition, meal planning, preparation and service of simple meals, optimal use of the food dollar and job opportunities in food-related occupations at the entry level. Food laboratory experiences are required.

ADVANCED NUTRITION & FOOD - ½ credit (Tor Major - HHS)

Prerequisite: Requires successful completion of Nutrition and Food. This course addresses more complex concepts in nutrition and food preparation with emphasis on social, psychological, and cultural influences on food choices globally. Laboratory experiences are required and are not limited to field trips, job shadowing and service learning.

PIANO I (Tor Major - CAB)

No prerequisites required. This course is a study of the performance techniques of the piano, taught in a class setting in the same manner as band. Emphasis will be placed on development of fundamental keyboard knowledge and skills and acquaintance with selected piano literature.

PIANO II (Tor Major - CAB)

Prerequisite: Piano I. This course is a study of the performance techniques of the piano, taught in a class setting in the same manner as band. Emphasis will be placed on development of fundamental keyboard knowledge and skills and acquaintance with selected piano literature. This course is a continuation of Piano I.

PIANO III (Tor Major - CAB)

Prerequisite: Piano II. This course is a study of the performance techniques of the piano, taught in a class setting in the same manner as band. The emphasis will be placed on development of fundamental keyboard knowledge and skills and acquaintance with selected piano literature. This course is a continuation of Piano II.

PIANO IV (Tor Major - CAB)

Prerequisite: Piano III. This course is a study of the performance techniques of the piano, taught in a class setting in the same manner as band. The emphasis will be placed on development of fundamental keyboard knowledge and skills and acquaintance with selected piano literature. This course is a continuation of Piano III.

PROSTART I (Tor Major - CAB)

Prerequisites: Food & Nutrition and Advanced Nutrition & Foods. This course is the first of a two-year program that prepares students for careers in the restaurant/food service industry. Topics covered include customer service; food and kitchen safety; food service equipment; nutrition; business mathematics; control of food service costs; and career preparation and development. Advanced food preparation techniques will be taught.

PROSTART II (Tor Major - HHS)

Prerequisite: Successful completion of ProStart I, 2.5 GPA, and instructor approval. This course is the second of two courses that prepares students for careers in the food service/hospitality industry. It provides opportunities for application of industrial competencies through projects and Family, Career, and Community Leaders of America's (FCCLA) leadership activities. Students may earn National ProStart certification by completing a 400-hour paid internship and meeting the National Restaurant Association requirements.

PUBLICATIONS I & II (YEARBOOK) (Tor Major - CAB)

Prerequisite: 2.5 or higher GPA, "B" or better in English, and teacher approval. The yearbook course is designed to provide students with the publishing and graphic design skills needed to produce the yearbook. The publication strives to maintain a tradition of excellence in which the school and the community can take pride. Students are required to sell ads and books in order to generate revenue for the production and distribution of the Tornado Trail Yearbook. Photographers must have their own camera equipment.

ROBOTICS - (Tor Major: Stem)

Prerequisites: Overall 2.8 GPA, successful completion of Engineering Design I and II, at least one year as an active member of the Robotics Team, and teacher approval. This course is designed for engineering students who plan to continue the study of engineering through robotics and the FIRST Robotics competition. The course teaches the skills necessary to build a robot including mechanical skills, robot design, website design, and other engineering skills. Outside work is required at a minimum of 30 hours.

SMALL ANIMAL CARE & MANAGEMENT I/II (½ credit each) (Tor Major - STEM)

Prerequisite: Biology I. This course is designed to provide students with an introduction to the care and management of small animals. This course will be aligned with a student's career path in either the Animal Science, Vet Technician field or Pre-Veterinary major. Topics for study in the semester course include an orientation to the agriculture industry in Louisiana and the FFA student organization and introduction to small animal care, with emphasis being on the history and classification of domesticated animals, physiology, and careers in the veterinary industry. Topics for study in the full credit course include an orientation to the agriculture industry in Louisiana and the FFA student organization, introduction to care and management of specific small animals with emphasis on anatomy, nutrition requirements, classifications, breed characteristics, handling/training, grooming, and reproduction. Scientific, mathematical, economic, technical, and moral/ethical principles are reinforced, as are communication and critical thinking skills. Work-based learning strategies appropriate for this course include internships, field trips and activities in the school lab facility. Supervised Agricultural Experience (SAE) programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Upon completion of the full credit course under the direction of a certified instructor, students may receive an industry-based certification (IBC) with the Continental Kennel Club Canine Care and Training Program (CCTP) Level One.

SPORTS MEDICINE I - First Semester - ½ credit (Tor Major - HHS)

Prerequisite: Allied Health I and overall 2.0 GPA. This course is designed to provide an overview of the field of sports medicine as well as expose students to the fundamental skills involved in a sports medicine healthcare setting. Students will learn about the study of medicine and how the field of sports medicine is unique in its focus and delivery of healthcare. Students will have the opportunity to earn a CPR certification through the American Heart Association.

SPORTS MEDICINE II - Second Semester - 1/2 credit (Tor Major - HHS)

Prerequisite: Sports Medicine I. Students will study about the assessment and treatment of athletic injuries that include basic terminology, anatomy, evaluation techniques, first aid, and rehabilitation principles.

SPORTS MEDICINE III (Tor Major - HHS)

Prerequisite: Allied Health I or Medical Terminology, successful completion of Sports Medicine I and II, Biology I, and overall 2.0 GPA. This course is designed to provide a knowledge base on the management techniques of athletic injuries and illnesses used by professional healthcare providers. It also allows students the opportunity to select their own sports medicine topics for further study.

SPORTS MEDICINE IV (Tor Major - HHS)

Prerequisite: Sports Medicine I, II, and III, Biology I & II, overall 2.0 GPA, and CPR certification. Students are required to undergo a current background check and drug screening. They must provide proof of immunizations, in addition to various other health screenings - see counselors for details. This course is designed to provide a knowledge base on the management techniques of athletic injuries and illnesses used by professional healthcare providers. It also allows students the opportunity to select their own sports medicine topics for further study. This course includes a classroom component, athletic trainer lab sessions, and clinical experiences outside of the classroom.

STUDENTS TEACHING & READING - STAR I & II (Tor Major - HHS)

Prerequisite: Students must be in 10th or 11th grade. STAR is designed to attract students to the field of education, provide information, and field experiences relevant to pursuing a degree in education, and to prepare them for the rigors of a career in education so they will remain long-term educators. STAR is to serve as the one teacher preparation course to be used by all secondary teachers in Louisiana.

THEATRE I (Tor Major - CAB)

No prerequisites required. This is an introductory course in performance theatre. Students are introduced to the history of the craft. After working with getting comfortable on stage through various in-class activities, they will present a production at the end of both semesters for an audience. This class will require some after-school hours, but students will be notified in advance of those specific requirements.

THEATRE II - PRODUCTION & ACTING (Tor Major - CAB)

Prerequisite: Theatre I. Students examine the production side of theatre, creating an original dinner theatre experience students will put on a fall production in conjunction with Theatre I students.

THEATRE III - STAGECRAFT & TECHNICAL THEATRE (Tor Major - CAB)

Prerequisite: Theatre I and II. Students examine all of the technical elements of theatre, including but not limited to, lighting and set design. Students design and build sets for the spring production.

THEATRE IV - CREATING THEATRE (Tor Major - CAB)

Prerequisite: Theatre I, II, and III. Students study theories and create original works.

VETERINARIAN TECH (Tor Major - STEM)

Prerequisite: Agriculture II. This course introduces students to the general concepts and principles related to veterinary science and associated processes, industries, and occupations. Emphasis is placed on career opportunities, handling and restraint of animals, and animal nutrition, health and management. Work-based learning strategies appropriate for this course are field trips, job shadowing, school-based enterprises, and cooperative education. Supervised Agricultural Experience (SAE) programs and the FFA (Future Farmers of America) leadership activities are integral components.

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
 4 Year

Diploma Track: _____

Career Major: CAB (Communication, Arts, & Buisness)

Concentration: Performing Arts

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|---|--------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | Piano I Theatre I Beginning Choir Band | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology | American History | PE II / Health | Spanish I | Piano II Theatre II Inter. Choir Band | Speech I |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | Piano III Theatre III Adv. Choir Band | ELECTIVE |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | Piano IV Theatre IV Adv. Choir Band | ELECTIVE |

* Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Freelance Musician
- Makeup Artist
- Music/Choir Director

4 Years or More

- Composer
- Sound Designer
- Music Teacher

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: STEM (Science, Technology, Engineering, & Math)

Concentration: AG TECH

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------------|-------------|-----------------------------------|-----------------------|------------------|-------------------------|-------------------|------------------------|--------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | Agriscience I | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | Agriscience II | NCCER-Carpentry |
| 11th | English III | Algebra II Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | Agriscience III | Small Animal Care |
| 12th | English IV | Algebra III Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | Agriscience Leadership | Vet. Tech |

*Dual Enrollment

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Veterinary Asst.
- Ag Equip. Operator
- Ag Chemical Dealer
- Wildlife Manager
- Veterinary Technician

4 Years or More

- Food Scientist
- Veterinarian

Credential Options:

- NCCER - Carpentry Combined
- NCCER - Core

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: STEM (Science, Technology, Engineering, & Math)

Concentration: Carpentry

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|------------------------|--------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | Agriscience I | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | Agriscience II | NCCER Carpentry |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | Agriscience III | Small Animal Care |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | Agriscience Leadership | Vet. Tech |

*Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Cabinet Maker
- Carpenter

4 Years or More

- Construction Supervisor
- Building Inspector

Credential Options:

- NCCER Core
- NCCER Carpentry Level 1

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
 4 Year

Diploma Track: _____

Career Major: STEM (Science, Technology, Engineering, & Math)

Concentration: ENGINEERING

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|----------------------|---------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | Intro to Engineering | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | Engineering I | Computer Science I |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | Engineering II | Computer Science II |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | Robotics | GIS |

* Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Manufacturing Technician
- Engineering Technician

4 Years or More

- Aerospace Engineer
- Biomedical Engineer
- Chemical Engineer
- Civil Engineer
- Environmental Engineer
- Petroleum Engineer

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
 4 Year

Diploma Track: _____

Career Major: STEM (Science, Technology, Engineering, & Math)

Concentration: COMPUTER SCIENCE

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|--------------------|-----------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | IBCA | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | Computer Sci. I | Intro to Engineering |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | BCA | Engineering I |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | Computer Sci. II | GIS or Engineering II |

* Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Database Technician
- Network Technician

4 Years or More

- Web Developer
- Telecommunications
- Computer Networking
- Database Administrator
- Computer Programmer/Coder

Credential Options:

- MOS Word - IBCA/BCA
- MOS PowerPoint - IBCA/BCA
- MOS Excel - IBCA/BCA

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
 4 Year

Diploma Track: _____

Career Major: CAB (Communications, Arts, & Business)

Concentration: BUSINESS

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|--------------------|--------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | IBCA | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | BCA | Customer Service |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | Desktop Publishing | Business Math |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | Entrepreneurship | ELECTIVE |

* Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Customer Service Rep
- Desktop Publisher
- Information Clerk

4 Years or More

- Business Management
- Business Teacher

Credential Options:

- MOS Word - IBCA/BCA
- MOS Powerpoint - IBCA/BCA
- MOS Excell - IBCA/BCA
- Adobe Photoshop - Desktop Publishing
- Adobe InDesign - Desktop Publishing
- Customer Service
- Micro-Enterprise - Entrepreneurship

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: HHS (Health & Human Services)

Concentration: SPORTS MEDICINE

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|--------------------|---------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | Allied Health | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | Sports Med I & II | Medical Terminology |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | Sports Med III | First Responder |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | Sports Med IV | EMT |

* Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Massage Therapist
- Personal Trainer

4 Years or More

- Athletic Trainer
- Occupational Therapist
- Physical Therapist

Credential Options:

- First Responder
- BLS/First Aid - First Responder

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: HHS (Health & Human Services)

Concentration: ProStart

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|--------------------|-------------------------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | FCS I | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | FCS II | Nutrition & Food/ Adv. Nutrition |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | ProStart I | ProStart I |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | ProStart II | ProStart II |

* Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Food Service Worker
- Food Service Manager
- Events Planner
- Cook/Chef
- Restaurant Inspector
- Entrepreneur

4 Years or More

- Culinary Instructor

Credential Options:

- Serv Safe Handler - ProStart
- ProStart Certification - ProStart

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: HHS (Health & Human Services)

Concentration: Pre-Nursing

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|---------------------|--------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | Allied Health | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | Sports Med I, II | ELECTIVE |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | Medical Terminology | Sports Med III |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | First Responder | Sports Med IV |

*Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Certified Nursing Asst.
- Pharmacy Technician
- Home Health Aide
- Respiratory Therapist
- EMT/Paramedic

4 Years or More

- Registered Nurse
- Physician
- Chiropractor

Credential Options:

- CNA @ Northshore Technical College
- BLS/First Aid - First Responder
- EMR - First Responder

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: HHS (Health & Human Services)

Concentration: JROTC

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|--------------------|--------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | JROTC I | ELECTIVE |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II/Health | Spanish I | JROTC II | ELECTIVE |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | JROTC III | First Responder |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | JROTC IV | GIS |

* Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Enlisted Careers

4 Years or More

- Officer Careers
- Army, Navy, Air Force, Marines, Coast Guard, National Guard

Credential Options:

- First Aid/Basic Life Support - First Responder
- EMR - First Responder
- First Aid/Basic Life Support - JROTC

Note: All career fields are in the military.

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: CAB (Communications, Arts, & Business)

Concentration: Visual Arts

| Grade | English | Math | Science | Social Studies | Graduation Requirements | TOPS Requirements | Required Electives | Optional Electives |
|-------|-------------|------------------------------------|-----------------------|------------------|-------------------------|-------------------|--------------------|--------------------|
| 9th | English I | Algebra I Geometry | Physical Science | Civics | PE I | Art Elective | Art I | Multimedia Arts |
| 10th | English II | Geometry Algebra II | Biology I | American History | PE II /Health | Spanish I | Art II | Graphic Design |
| 11th | English III | Algebra II *Advanced Math (DE) | Chemistry | World History | ELECTIVE | Spanish II | Art III | Desktop Publishing |
| 12th | English IV | Algebra III *Advanced Math (DE) | Biology II Physics | World Geography | ELECTIVE | ELECTIVE | Art IV | Publications |

* Dual Enrollment - SELU

Sample Related Career Options (Some may require additional education or training after high school.):

2 Years or Less

- Artist
- Illustrator
- Freelance Artist/Painter
- Tattoo Artist

4 Years or More

- Stage Craft Designer
- Digital Video Designer
- Journalist
- Art Teacher
- Graphic Designer

Credential Options:

- MS Publisher
- Adobe Photoshop - Desktop Publishing or Graphic Design
- Adobe Indesign - Desktop Publishing or Graphic Design
- Adobe Illustrator - Desktop Publishing or Graphic Design
- Adobe Premiere - Multimedia Arts
- Adobe Dreamweaver - Multimedia Arts
- AVID Protocols - Multimedia Arts

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: IB

Concentration: DP

| Grade | English | Math | Science | Social Studies | Foreign Language | Graduation Requirement | IB Core Requirement | Optional Electives |
|-------------|----------------|-------------------------------|--------------------------------|----------------------------|------------------|-----------------------------|--|--------------------|
| 9th | PDP English I | PDP Algebra I PDP Geometry | PDP Biology I | AP US Gov. | PDP Spanish I | PE I JROTC II | Project Design | ELECTIVE |
| 10th | PDP English II | PDP Algebra II | PDP Chemistry | AP Human Geography | PDP Spanish II | PE II & Health JROTC II | Approaches to Teaching & Learning (ATTL) | ELECTIVE |
| 11th | IB Lit. I | IB Math SL I | IB Biology I IB Physics I | History of the Americas I | IB Spanish I | IB Film I IB Theatre I | Theory of Knowledge I (TOK) | ELECTIVE |
| 12th | IB Lit. II | IB Math SL II | IB Biology II IB Physics II | History of the Americas II | IB Spanish II | IB Film II IB Theatre II | Theory of Knowledge II (TOK) | ELECTIVE |

**Students who do not obtain an Algebra I credit from 8th grade will be required to take PDP Algebra I and PDP Geometry which will use their free elective spot.*

Credential Options:

- MOS Word - IBCA/BCA
- MOS PowerPoint - IBCA/BCA
- MOS Excel - IBCA/BCA

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: IB

Concentration: CP JROTC

| Grade | English | Math | Science | Social Studies | Foreign Language | Graduation Requirement | IB Core Requirement | Optional Electives |
|-------------|--------------------------|--------------------------------------|--|---|---------------------------|---|--|--------------------|
| 9th | PDP English I | PDP Algebra I PDP Geometry | PDP Biology I | AP US Gov. | PDP Spanish I | PE I JROTC II | Project Design | ELECTIVE |
| 10th | PDP English II | PDP Algebra II | PDP Chemistry | AP Human Geography | PDP Spanish II | PE II & Health JROTC II | Approaches to Teaching & Learning (ATTL) | ELECTIVE |
| 11th | IB Lit. I English III | IB Math SL I Advanced Math | IB Biology I IB Physics I Biology II | History of the Americas I Amer. History | IB Spanish I JROTC III | IB Film I IB Theatre I Art ELECTIVE | Personal & Professional Skills I (PPS) | ELECTIVE |
| 12th | IB Lit. II English IV | IB Math SL II Dual Enr. Adv. Math | IB Biology II IB Physics II Physics | History of the Americas II World History | IB Spanish II JROTC IV | IB Film II IB Theatre II ELECTIVE | Personal & Professional Skills II (PPS) | ELECTIVE |

**During the junior and senior years, CP students are required to take a minimum of 2 DP courses, in addition to the mandatory PPS and his/her Career-related concentration courses.*

Credential Options:

- First Aid/Basic Life Support - First Responder
- EMR - First Responder
- First Aid/Basic Life Support - JROTC

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: IB

Concentration: CP ProStart

| Grade | English | Math | Science | Social Studies | Foreign Language | Graduation Requirement | IB Core Requirement | Optional Electives |
|-------------|--------------------------|--------------------------------------|--|---|------------------------------|--|--|--|
| 9th | PDP English I | PDP Algebra I or PDP Geometry | PDP Biology I | AP US Gov. | PDP Spanish I | PE I JROTC II | Project Design | ELECTIVE |
| 10th | PDP English II | PDP Algebra II | PDP Chemistry | AP Human Geography | PDP Spanish II | PE II & Health JROTC II | Approaches to Teaching & Learning (ATTL) | Nutrition & Food/ Adv. Nutrition & Food |
| 11th | IB Lit. I English III | IB Math SL I Advanced Math | IB Biology I IB Physics I Biology II | History of the Americas I Amer. History | ProStart I | IB Film I IB Theatre I or Art ELECTIVE | Personal & Professional Skills I (PPS) | ProStart I |
| 12th | IB Lit. II English IV | IB Math SL II Dual Enr. Adv. Math | IB Biology II IB Physics II Physics | History of the Americas II World History | IB Spanish II ProStart II | IB Film II IB Theatre II or ELECTIVE | Personal & Professional Skills II (PPS) | ProStart II |

**During the junior and senior years, CP students are required to take a minimum of 2 DP courses, in addition to the mandatory PPS and his/her Career-related concentration courses.*

Credential Options:

- Serv Safe Handler - ProStart
- ProStart Certification - ProStart

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: IB

Concentration: CP ENGINEERING

| Grade | English | Math | Science | Social Studies | Foreign Language | Graduation Requirement | IB Core Requirement | Optional Electives |
|-------------|--------------------------|--------------------------------------|--|---|---------------------------|---|--|----------------------|
| 9th | PDP English I | PDP Algebra I or PDP Geometry | PDP Biology I | AP US Gov. | PDP Spanish I | PE I JROTC II | Project Design | Intro to Engineering |
| 10th | PDP English II | PDP Algebra II | PDP Chemistry | AP Human Geography | PDP Spanish II | PE II & Health JROTC II | Approaches to Teaching & Learning (ATTL) | Engineering I |
| 11th | IB Lit. I English III | IB Math SL I Advanced Math | IB Biology I IB Physics I Biology II | History of the Americas I Amer. History | IB Spanish I ELECTIVE | IB Film I IB Theatre I Art ELECTIVE | Personal & Professional Skills I (PPS) | Engineering II |
| 12th | IB Lit. II English IV | IB Math SL II Dual Enr. Adv. Math | IB Biology II IB Physics II Physics | History of the Americas II World History | IB Spanish II ELECTIVE | IB Film II IB Theatre II ELECTIVE | Personal & Professional Skills II (PPS) | Robotics |

**During the junior and senior years, CP students are required to take a minimum of 2 DP courses, in addition to the mandatory PPS and his/her Career-related concentration courses.*

Credential Option:

- AutoCAD - Robotics

Student Name: _____

Graduation Date: _____

College Plan:

- 2 Year
- 4 Year

Diploma Track: _____

Career Major: IB

Concentration: CP MEDICAL

| Grade | English | Math | Science | Social Studies | Foreign Language | Graduation Requirement | IB Core Requirement | Optional Electives |
|-------------|--------------------------|--------------------------------------|--|---|---------------------------|---|--|--------------------------------------|
| 9th | PDP English I | PDP Algebra I PDP Geometry | PDP Biology I | AP US Gov. | PDP Spanish I | PE I JROTC II | Project Design | Allied Health I |
| 10th | PDP English II | PDP Algebra II | PDP Chemistry | AP Human Geography | PDP Spanish II | PE II & Health JROTC II | Approaches to Teaching & Learning (ATTL) | Medical Terminology |
| 11th | IB Lit. I English III | IB Math SL I Advanced Math | IB Biology I IB Physics I Biology II | History of the Americas I Amer. History | IB Spanish I ELECTIVE | IB Film I IB Theatre I Art ELECTIVE | Personal & Professional Skills I (PPS) | Sports Med I & II First Responder |
| 12th | IB Lit. II English IV | IB Math SL II Dual Enr. Adv. Math | IB Biology II IB Physics II Physics | History of the Americas II World History | IB Spanish II ELECTIVE | IB Film II IB Theatre II ELECTIVE | Personal & Professional Skills II (PPS) | Sports Med III CNA |

**During the junior and senior years, CP students are required to take a minimum of 2 DP courses, in addition to the mandatory PPS and his/her Career-related concentration courses.*

Credential Options:

- CNA @ Northshore Technical College
- BLS/First Aid - First Responder
- EMR - First Responder