NORTHSHORE HIGH SCHOOL

COURSE DESCRIPTION GUIDE

100 PANTHER DRIVE

SLIDELL, LOUISIANA

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Administration

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Introduction

The purpose of this guide is to help you and your parents make better decisions concerning your course selections for the coming year. The planning guide covers subjects for ninth through twelfth grades. Each class that a student chooses should be part of an overall plan. Perhaps a student has a certain career in mind; perhaps he/she is exploring different fields to help in selecting a vocation. He/She may be preparing for college or developing interest in one of the fine arts areas or other creative activities. A student should select courses which best suit his/her abilities and interests.

A student's participation in a particular subject area should be based on a combination of logical and sequential courses of study which lead to the desired objectives.

Read this guide carefully and discuss your plans with your parents. It is essential that a student think seriously about a particular subject before scheduling it. A student will not be allowed to swap between teachers and courses once he/she has been placed in the course. Because the administration must plan for the next school year based on the subjects selected now, students cannot change subjects unless one of the following schedule change criterion is met:

- 1. incorrect placement,
- 2. meeting graduation requirements.
- 3. balancing of classes and protection of the integrity of the master schedule

Policy Statement

It is the policy of this high school not to discriminate on the basis of sex, race, color, religion, or national origin. It is most important for all parents and students to realize that all courses offered at this school are open to both males and females, and no distinction based on sex is made in the placement of students in courses.

Career and Technical Education Compliance Notification

Career and Technical Education courses are available at all STPPS secondary sites and are open to all students. STPPS adheres to the equal opportunity provisions of federal and civil rights laws and does not discriminate on the basis of race, color, national origin, religion, age, sex, sexual orientation, marital status, or disability. The Title IX and Title II Coordinator is Mike Cossé, 321 N Theard Street Covington, La. 70433; phone (985) 892-2276; email Michael.Cosse@stpsb.org.

The 504 Coordinator is Cara Barry, 321 N Theard Street Covington, La. 70433; phone (985) 898-3309; email Cara.Barry@stpsb.org.

All students have the opportunity to participate in Career & Technical Programs of Study including, but not limited to, areas of Health Care, Construction Crafts & Trades, IT Computer Technology, Culinary Programs, and Agriculture. Admission requirements for each course can be found in the student course guide/schedule packet of the individual campus where the course is being offered. Please contact the guidance counselor at the specific school site for additional information, program requirements and/or any questions you may have.

Notificación Pública

Cursos de carrera y educación técnica están disponibles en todos los sitios secundarios de STPPS y están abiertos a todos los estudiantes. STPPS se adhiere a las disposiciones de igualdad de oportunidades de las leyes federales y los derechos civiles y no discrimina por raza, color, origen nacional, religión, edad, sexo, orientación sexual, estado civil o discapacidad. La coordinadora del programa de Title IX and Title II es Mike Cossé, 321 N Theard Street Covington, La. 70433; teléfono (985) 892-2276; correo electronico Michael.Cosse@stpsb.org.

La coordinadora de las services de 504 es Cara Barry, 321 N Theard Street Covington, La. 70433; teléfono (985) 898-3309; correo electronico Cara.Barry@stpsb.org.

Todos los estudiantes tienen la oportunidad de participar en los programas de carrera y de estudio técnico, incluyendo pero no limitado a, las áreas de salud, artes y oficios de construcción, IT Tecnología de computadoras, programas culinarios y laagricultura. Requisitos de admisión para cada curso pueden encontrarse en el paquete de guía/calendario del curso de la escuela donde se ofrece el curso. Póngase en contacto con el consejero de la escuela para obtener información adicional, los requisitos del programa o cualquier duda quetenga.

Thông Báo Hàng Năm

Các khoá học Giáo Dục Nghề Nghiệp và Kĩ Thuật diễn ra ở các địa điểm hai của STPPS và dành cho tất cả học sinh. STPPS tuân thủ theo các quy định về cơ hội bình đẳng của luật liên bang và quyền dân sự và không phân biệt đối xử trên cơ sở chủng tộc, màu da, nguồn gốc quốc gia, tôn giáo, tuổi tác, giới tính, khuynh hướng giới tính, tình trạng hôn nhân, hoặc khuyết tật. Điều phối viên Điều IX và Điều II là Mike Cossé, 321 N Theard Street Covington, La. 70433; điện thoại (985) 892-2276; email Michael.Cosse@stpsb.org.

Điều phối viên 504 là Cara Barry, 321 N Theard Street Covington, La. 70433; điện thoại (985) 898-3309; email Cara.Barry@stpsb.org.

Tất cả học sinh có cơ hội tham gia Chương Trình Học Nghề Nghiệp và Kĩ Thuật bao gồm nhưng không giới hạn các lĩnh vực như Chăm Sóc Sức Khỏe, Xây Dựng & Ngoại Thương, IT Công nghệ máy tính, Chương Trình Âm Thực, và Nông nghiệp. Yêu cầu cho mỗi khoá học có thể tìm thấy ở hồ sơ hướng dẫn khoá học và thời khoá biểu cho học sinh tại các trường tổ chức lớp học. Vui lòng liên hệ nhân viên tư vấn hướng dẫn tại các địa điểm trường học cụ thể để biết thêm chi tiết, yêu cầu chương trình và/hoặc các thắc mắc của ban.

Special Help

Conference with Teachers: When parents wish to speak with a teacher either by phone or in person, they may contact the teacher directly. Teachers are provided with a preparation period to be used for meetings, and preparation of materials, etc. Teachers appreciate a parent telephoning or emailing rather than requesting a conference if the matter can be satisfactorily handled by telephone or email. Personal conferences are welcomed if the telephone or email conversation does not prove adequate. Parents may contact the guidance office to make appropriate arrangements for parent/teacher conferences.

Conference with Counselor:

Students wishing to see the counselors should report to their counselor, sign in and return to class and wait to be called. Students may drop in on the counselors in their offices before school, during the lunch hour or after school. Parents cooperate by calling for an appointment, thereby ensuring a planned conference. Information may also be obtained from the NHS website via the grade level counselor's webpage.

Special Education Department

Special education courses are offered which are designed to meet individual needs of exceptional students through age twenty-two or when their course of study is completed. A determination of the course of study will be made on the students Individualized Educational Plan (IEP). Exceptional students are served in resource rooms and self-contained settings, and inclusion settings. The special education department can be reached via the main phone line at 985-649-6400 ext. 2224.

Academic Prep Period (APP)

Upon completion of a full year of Academic Prep, a student will then earn a ½ elective credit. This time should be used by students for supplemental tutoring.

Library

The high school library is open before and after school each day. Students may use the library without a pass from a subject teacher each morning or in the specified hours after school is dismissed.

Textbook Policy

Students may choose to check out textbooks or access textbooks online. Before a student's record is clear at the close of the semester, all state=issued books must be checked in. Books lost or damaged must be paid for by the student to whom they were issued.

GPA

A student's overall GPA is based on semester grades. All courses attempted shall be used to make this determination. If a student repeats a course failed, the "F" shall still be computed in the GPA. Students wishing to earn duplicate credits shall not earn a weighted grade in the repeated course (even if it has a weighted designation) unless the first credit earned was a "P" grade. A grade point average shall not be rounded off. A grade point average is defined as an average of all subjects where A=4, B=3, C=2, D=1, F=0. Example: A 2.7 GPA cannot be rounded off to a 3.0. Transfer grades will be weighted only in the subjects weighted

Rank in Class

Rank in class is only determined upon graduation and will be based on the quality points a student earns in grades 9-12. Rank in class is calculated on a maximum of 28 credits, of which a maximum of 16 credits may be weighted. The student(s) who earns the most quality points will be ranked number one in the graduating class with the following rules considered: 1. If a student could not attempt 3.5 credits per semester in another school system or had been given permission for a shortened academic day, the student may take advantage of independent study, e-courses, or an

- approved summer school, to earn additional credits.
- 2. All St. Tammany Parish students shall attempt 3.5 credits each semester in the 9th, 10th, and 11th grades. To attempt fewer than 3.5 credits per semester, a student must receive prior approval from the assistant superintendent of curriculum and instruction.
- 3. Students electing to take short day schedule in the senior year will negatively impact their rank-in-class. A student electing short day in the senior year may earn fewer quality points than seniors taking 7 credit courses.
- 4. Approved early graduates may not qualify for rank in class due to the lack of quality points.

Placement in Courses

Placement in courses is determined by student ability and teacher recommendation. Student ability is determined by results of standardized tests, criterion-reference tests, placement tests, past academic achievement, and teacher recommendation. Northshore High School operates on a seven period day. As a result, classes will be scheduled on a semester basis. Each semester will be viewed as a new course.

Advanced Placement Courses

Advanced placement courses are offered in English Language and Composition, English Literature and Composition, Government, American History, European History, Environmental Science, Statistics and Calculus AB. Advanced-placement courses are college-level courses offered in high school for qualified students interested in pursuing a thorough, comprehensive program of study and research. Applicants who are accepted for these courses are encouraged to take the Advanced Placement Examinations near the end of the course. The score reported on the examination and each college's policy regarding advanced placement will determine whether college credit will be granted for the work.

Weighted Courses

In each core subject area all honors, gifted, and Advanced Placement courses are weighted. A weighted credit is given at semester for students who earn an A, B, or C semester average.

Vocational Course Elective Offerings

The St. Tammany Parish School Board wishes to advise all students, parents, employees and the general public that all public school vocational programs will be offered without regard to race, color, national origin, sex or handicap.

The coordinator of Title IX and Section 504 compliance activities is Superintendent Trey Folse Post Office Box 940

Covington, Louisiana70434

Telephone 985- 646-4900

Participation in Early Release/Short Day Program

An application is required for early release. All applications must be submitted by the deadline and approved by the school counselor. Late applications will not be accepted. *Athletes will be assigned 1st and 2nd hour early release for the full year. All fourth year seniors must be enrolled in five classes. Additional requirements are on the application.

School-to-Work Opportunity

School-to-work (STW) is a shift in educational priorities because it recognizes the purpose of education is to prepare our youth – whether they go to college or into the workplace – for productive citizenship and lifelong learning. This national initiative means changing the curriculum to make it more rigorous and relevant to today's workplace needs. It connects school-internships in local businesses, Tech Prep programs, School Based Enterprises, and articulation with universities, community colleges, and vocational technical schools.

CLEP Testing

College-Level Examination

Program, helps students receive college credit for a fraction of the cost of a college course. Developed by the College Board, CLEP is the most widely accepted credit-by-examination program available at more than 2,900 colleges and universities. Students will be offered an opportunity to take CLEP tests in a variety of courses including core classes, and foreign language classes. There is a fee associated with the test and must be submitted by the required deadline.

LEAP 2025

Incoming freshman entering in the 2017-2018 school year and beyond must pass three LEAP 2025 in the following categories to earn a standard diploma: (a) English I or English II; (b) Algebra I or Geometry; and (c) Biology or United States History.

Failure Due to Excessive Absences

If a student fails a course due to excessive absences, he/she may file an appeal with the child welfare and attendance office (Slidell School Board Annex). This appeal must be filed within ten school days of the ending of the semester in which the course was taken.

Summer School

St. Tammany Parish offers summer school courses each year for a set fee. Any courses failed during the school year should be repeated in summer school. Summer school applications are available on the Virtual Academy website. It is the parent and student's responsibility to ensure that their students are enrolled in the appropriate summer school courses by the required deadlines.

Louisiana Tuition Opportunity Programs for Students What is "TOPS"?

Louisiana's Tuition Opportunity Program for Students (TOPS) is a comprehensive program of state scholarships and one of the most innovative and progressive student assistance programs in the nation. TOPS has five components. Please refer to your table for the eligibility criteria for each component.

How and When to Apply for TOPS?

You must apply for all TOPS awards by submitting that version of the Free Application for Federal Student AID (FAFSA), which corresponds to the year you plan to enroll in a postsecondary school. There is a minimum GPA and ACT requirement. The Cumulative High School Grade Point Average shall be calculated by using only the course grades achieved for those courses included in the core curriculum. Students should sign up for the TOPS Tracker on the LOSFA website in order to track their progress toward meeting TOPS requirements. Call the office of Student Financial Assistance at (800) 259-5626 for more information. The completion of FAFSA is a graduation requirement. Beginning October of Senior year, students should complete this online and submit the processes email.

Glossary

Prerequisite: A requirement that is necessary beforehand; i.e., English I before English II.

Elective: An optional course in the school curriculum: a choice; i.e., Art I or French I.

Recommendation Course: The student is approved for this course by teachers and counselors according to test scores and grades.

Course Symbol Description

- A the first semester of a course
- **B** second semester of a course
- **S** a one-semester course which may be taken either semester
- T talented

AP advanced placement

G gifted

RES resource

DE dual enrollment\$\$ enrollment fee may be required**ACC** accelerated/weighted course

Grade Classification

Beginning with the incoming freshman class of 2008-2009 and thereafter:

Grade 09...0 - 4.5 units of credit Grade 10...5 - 10.5 units of credit Grade 11...11 - 16.5 units of credit Grade 12...17 - 24.0 units of credit

ACADEMIC COURSE DESCRIPTIONS

English

English I Grade 9

1 Year Required

Students read, analyze, interpret, and respond to a variety of literature. Students also receive instruction in the following areas: grammar, paragraph development, organization of multiparagraph themes, group discussions, listening, note taking, outlining, critical reading, study skills, and research.

English II Grade 10

1 Year Required

This course develops the skills of writing and literary analysis. Students will examine various works including short stories, novels, poems, essays and plays. Additionally, the course will encourage development of oral and listening skills through class discussion and presentations.

Students practice the stages of the writing process. Using literature as a basis for writing assignments, students progress from short thematic essays to the beginning steps of an MLA style research paper.

English II Honors (H) Grade 10

1 Year Required Prerequisite: Grade of B or better

Prerequisite: Grade of B or better in English I Honors

Honors English II is an AP preparatory course that deepens students' understanding of analyzing literature, composition and rhetorical communication. This course requires extensive independent reading at home. Students will write in-class timed analytical papers related to literature and rhetoric, complete an intensive study of vocabulary and write an in-depth research paper. The course is taught at a fast pace, studying literature at deep analytical depth, breadth and complexity.

English III Grade 11 1 Year Required

English III is a study of American Literature. Students also receive instruction in the following areas: essay composition, research, grammar, speaking, listening, note taking, analyzing and evaluating written material.

AP English III Grade 11 1 Year Required Prerequisite: (a.)Grade of B or better in Honors English II or Gifted; (b.) Minimum Pre-ACT English Subscore of 21 (c.) a 2.75 unweighted cumulative GPA or higher.

AP English III Language and Composition is a study of American Literature. The course aligns to an introductory college-level rhetoric and writing curriculum. Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing. Students will compose in several forms including in-class timed evidence-based analytical and argumentative essays. Students will evaluate, synthesize, and cite research to support arguments. Students will read and analyze rhetorical elements and their effects with a focus mainly on nonfiction texts. Students will also develop research skills and the ability to evaluate, use, and cite primary and secondary sources. This course will prepare the student for the AP-Language and Composition Exam.

English IV Grade 12 1 Year Required

Through critical reading and evaluation, students cover British literature from the Anglo-Saxon Period to the Twentieth Century. Students also receive instruction in the following areas: critical essay writing, genre writing with literary devices, speaking, listening and evaluation of oral presentations. Students also complete a senior research project consisting of portfolio and presentation components.

AP English IV
Grade 12
1 Year Required
Prerequisite: (a.)Grade of B or
better in AP English III or Gifted;
(b.) Minimum ACT English
Subscore of 21 (c.) a 2.75
unweighted cumulative GPA or
higher.

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. This course prepares students for the AP English Literature and Composition test and the Analyzing Literature CLEP test.

DE English IV (NCC) \$\$ Grade 12

1 Year Required

Prerequisite: (a.) Minimum ACT: English Subscore of 18, Math Subscore of 19, and Composite Score of 19 or higher; (b.) a 2.75 unweighted cumulative GPA or higher.

See description of ENG. IV.

Students may earn 6 hours of college credit for completion of this course.

Business English TOPS Tech Diploma Only Grade 11

1 vear

Prerequisite: English I & II
Students will develop written and verbal communication skills that are essential to success in business organizations and industry. Students are expected to read, comprehend, interpret, and analyze literary and informational texts and to create and publish documents such as reports.

essays, letters, commercials, and technical manuals. Students will study rhetorical devices and persuasive techniques and apply research skills to identify a successful career path.

Technical Writing TOPS Tech Diploma Only Grade 12

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

Television Production I Grades 11, 12 1 Year Elective Prerequisite: recommendation by teachers; Speech recommended but not required.

This course will introduce students to journalistic writing/editing, video production, video engineering, digital media, public speaking, interviews, presentation skills, and computer skills with hands-on training in a video production lab setting.

Television Production II Grades 11, 12 1 Year Elective

Prerequisite: Television Prod. I

This course will further the student's knowledge associated with the field of broadcasting/journalism. Students will analyze film production and produce documentaries and school news videos with respect for deadlines.

Publications I: Yearbook I
Grades 10, 11, 12
1 Year Elective
Prerequisite: Recommendation by
teacher; ownership of a digital
camera highly recommended.
This basic course is required for all
students interested in being a member

of the yearbook staff. Hands-on

instruction includes design, photojournalism, writing, sales, marketing, advertising, collaboration with publishing company, and using online publishing software. Students are introduced to and being to develop skills in the use of Adobe Photoshop, HJ EDesign, and HJ EBusiness. Students are required to participate in advertising and book sales campaigns. Emphasis is placed on developing skills in layout and design, graphics, and the use of Adobe Photoshop. Students assume responsibility for planning and coverage of spreads in Quicksilver. Teacher approval required. Any student interested in being on the yearbook staff must obtain an application form in the spring each year and submit it by the deadline.

Publications II: Yearbook II Grade 11, 12 1 Year Elective

Prerequisite: Publications I; teacher approval required; ownership of a digital camera highly recommended

An extension of theory and skills taught in Publications I (Yearbook I), with added leadership responsibility in the form of the editorial board. Students further develop their skills and knowledge in the use of Adobe Photoshop. Advanced students assume greater responsibility for the publication's planning and production. Students are required to participate in advertising and book sales campaigns. Students assume responsibility for planning and coverage of spreads in *Quicksilver*.

Speech I Grades 9, 10, 11, 12 1 Year Elective

This course will provide the fundamentals of oral communication. It will instill within the student an understanding and appreciation of the various facets of public speaking and give the student practice in gaining valuable speaking skills. The student will learn the importance of verbal and nonverbal communication in expressing one's ideas. The course will offer practical experience in the following types of speeches: 1) informative, 2) introduction, 3) persuasive, 4) demonstration,

5) impromptu. During the second semester, the student will be introduced to choral reading and interpretational reading skills. It also teaches the basic techniques for the beginning actor and debater. The student will write and film a television show with commercial

Speech II Grades 10, 11, 12 1 Year Elective Prerequisite: Speech I

This course will further the student's knowledge of fundamentals of oral communication focusing on verbal and non-verbal communication, and effective and ineffective communication. The student will continue giving oral presentations in class that focus on previous mastery of presentation skills. A strong concentration on incorporating evidence=logos, ethos, and pathos, gathered from valid research evaluations of articles and websites. Interviewing skills for partner presentations and future employment purposes, as well as soft skills in the work place are covered thoroughly. Group discussions and round table discussions on current event topics where students must support their opinions is a focus as well.

Mathematics

Algebra I Grades 9, 10, 11, 12 1 Year Required

This course includes understanding the use of the language of algebra, performing operations with real numbers, solving linear equations and inequalities, problem solving with equations, graphing linear equations, solving linear inequalities, solving systems of equations, computations with polynomials, factoring polynomials, performing operations with algebraic fractions, solving expressions containing radicals, solving quadratic equations, and understanding the integration of algebra with other mathematics.

Geometry Grades 10, 11, 12 Prerequisite: Algebra I 1 Year Required

Honors/Gifted Prerequisite: B or better in Algebra I (H)/(G)

The course includes the structure of geometric relationships in a plane, properties of angles and perpendicular lines, methods of reasoning and types of proof used in geometry, recognition and application of theorems about parallel lines and planes, identification of polygons and their properties, identification of congruent triangles and their properties, the properties of similarity, the characteristics of a right triangle, the characteristics of a circle, perimeters, area and volume of geometric figures, and use of constructions.

Algebra II Grades 10, 11, 12 1 Year Required Prerequisite: Algebra I &

Geometry

Honors/Gifted Prerequisite: B or better in Geometry (H)/(G)

This course is the study of linear, quadratic, polynomial, radical, rational, logarithmic, exponential, and trigonometric equations, inequalities, and functions. This includes modeling, analyzing graphs, finding zeros, transformations of functions, systems of equations, function operations, and inverse functions. Data analysis, including data, distributions, populations, samples and inferences, is also studied.

Algebra III Grade 11, 12

Prerequisite: Algebra I, Geometry, and Algebra II

Students will solidify topics learned in Algebra II, while focusing on work with many types of functions such as polynomial, rational, radical, exponential, and logarithmic. Modeling real-life problems and fitting data to those models will be an integral component of this course. This course will prepare students for College Algebra.

Algebra III (NCC) (DE) \$\$ Grade 11, 12

Prerequisite: (a.) Minimum ACT: English Subscore of 18, Math Subscore of 19, and Composite Score of 19 or higher; (b.) a 2.75 unweighted cumulative GPA or higher.

College Algebra covers topics in algebra including solving and graphing equations and inequalities and working with functions including quadratic, polynomial, rational, exponential and logarithmic functions. It also covers complex numbers as roots for quadratic equations. Students earn 3 hours of college credit for completion of BOTH semesters of this course.

Pre Calculus (NCC) (DE) \$\$ Grades 11, 12 Prerequisite: (a.) Minimum ACT: English Subscore of 18, Math Subscore of 19, and Composite

Subscore of 19, and Composite Score of 19 or higher; (b.) a 2.75 unweighted cumulative GPA or higher.

This is a course for students who plan to take calculus. First semester is College Algebra to include sets, algebra of numbers as a logical system, operations of real numbers, inequalities, absolute value, coordinate systems, linear and quadratic functions, binomial theorem, mathematical induction. polynomial, inverse, exponential and logarithmic functions, complex numbers, conic sections and partial fractions. Second semester is College Trigonometry to include development and use of circular functions, trigonometric identities and equations, radian measure, graphic representation of trigonometric functions, inverse functions, polar coordinates, limits and continuity. Students earn 6 hours of college credit for completion of BOTH semesters of this course.

AP Calculus AB
Grade 12
1 Year Elective
Prerequisites: Algebra I,
Geometry, Algebra II, and PreCalculus
Recommended: "B" average or

better in mathematics or ACT Math subscore of 22.

An in-depth study of functions and their graphs, limits of a function, derivatives and their applications, integration and applications of the definite integral, transcendental functions, and plane analytic geometry will be presented. The course will be taught using a graphing calculator. It is recommended that the student purchase a graphing calculator. The instructor will provide a list of acceptable calculators.

AP Calculus BC Grade 12

Second semester only

This course is primarily concerned with developing the students' understanding of the concepts of advanced calculus and providing experience with its methods and applications with the understanding that the student has completed at least the first semester of AP Calculus AB, is currently enrolled or has completed the 2nd semester of AP Calculus AB. The course emphasizes the multi-representational approach to calculus with concepts, results, and problems being expressed graphically, numerically, analytically and verbally.

AP Statistics Grade 11, 12 1 Year Elective Required: Grade of

Required: Grade of B or better in Algebra II (H) or (G)

Students will be introduced to the concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

- 1. Exploring Data: Describing patterns and departures from patterns
- 2. Sampling and Experimentation: Planning and conducting a study.
- 3. Anticipating Patterns: Exploring random phenomena using probability and simulation.
- 4. Statistical Inference: Estimating population parameters and testing hypotheses.

Math Essentials Grades 11 1 Year Required TOPS Tech Diploma Only The material covered in this course includes ration and proportions, probability, statistics, topics in geometry, exploration of linear functions, step, piecewise and absolute value functions, quadratic functions, radicals, exponential growth and decay, map coloring and Euler paths and circuits.

Financial Literacy Grade 12 1 Year Required TOPS Tech Diploma Only or Math Elective

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

Science

Physical Science Grade 9 1 Year Required Required for Honors: Enrollment in Honors or Gifted math course

This course is designed as a preparatory course for high school chemistry and physics with emphasis on laboratory work and abstract thinking skills. The use of laboratory techniques is stressed along with the application and understanding of the basic fundamentals of chemistry and physics.

Biology Grades 10, 11, 12 I Year Required Recommendation for Honors: "B" or better in honors Physical Science and enrollment in Honors or Gifted math course

This course gives the student an understanding of the principles and concepts of living things and their organization. The student is introduced to the laboratory setting and investigates plant and animal life. The course includes a study of the use

of the microscope, a study of cells, genetics, and the diversity of life. It covers plant and animal anatomy and physiology in the higher orders.

Grades 11, 12 1 Year Elective Honors Prerequisite: completion of Chemistry; "B" average in honors or gifted Biology.

Biology II

This is an in-depth study of cells and cell processes, heredity evolution, and organisms. Special emphasis will be given to the chemical basis of life, the structure and function of cells, and comparative studies of plant and animal systems.

Chemistry Grades 11, 12 1 Year Required Recommend: "C" average or better in Physical Science, Biology, Algebra I, and Geometry and enrollment in or completion of Algebra II.

In this course, laboratory experiences, demonstration, and problem solving are stressed. Scientific notation and measurement, the mole concept, formulas and balancing of equations are included. Gas laws, behavior of liquids, acid-bases, bonding, energy changes, and qualitative and quantitative analysis are taught.

Chemistry Honors (H) Grade 11, 12 1 Year Required Required: "B" average or better in honors Physical Science, honors Biology, honors Algebra I and honors Geometry or Math subscore of 22 on Pre-ACT and enrollment in honors Algebra II.

This course is designed to prepare students for the beginning college chemistry courses. Emphasis is placed on applying the basics to higher level concepts. Topics covered include but are not limited to scientific measurement, matter and changes, atomic structure, nuclear chemistry, periodic table interpretation, chemical reactions, solutions, acids & bases, behavior or gases, the mole, stoichiometry.

Physics
Grade 12
1 Year Elective
Recommendation: "C" average in
Chemistry and Algebra II and
concurrent enrollment or
completion of Algebra 3 or DE Precalculus is required

The course includes the study of force, motion, work, energy, machines, fluids, magnetism, electricity, electronics, radiation, sound and light. This is a laboratory-based course which will deal with application of the natural laws and with problem solving.

Honors Physics: Algebra-based Grade 12 1 Year Elective Required: "B" average in Chemistry (H) and Algebra II (H), enrollment in Calculus, and Math subscore of 22 on ACT.

This is a mathematical based course that is equivalent to a first-semester college course in Algebra- based physics. Students will investigate the natural laws of physics, and their application to everyday occurrences through advanced mathematics, problem solving, and critical thinking. Topics include Newtonian mechanics, work, power, energy, mechanical waves, sound, and an introduction to electric circuits.

Environmental Science Grades 11, 12 1 Year

This course focuses on ecosystems and the human condition, classification of environmental problems and their relation to economic and legal concerns, and explores the challenges that our environment presents to us.

AP Environmental Science Grade 11, 12 1 Year Elective Recommendation: at least "B" average in Biology, Chemistry, and Algebra I.

This is a college level course that focuses on ecosystems and the human condition, classification of environmental problems and their relation to economic and legal

concerns, and explores the challenges that our environment presents to us. Students will be expected to do basic algebra and to articulate their thoughts and ideas through both laboratory experiments and written communications. Thorough knowledge of basic laboratory processes will be used throughout the year.

Medical Terminology Grade 11, 12 1 Year Elective Prerequisite: Highly recommended to complete Physical Science and Biology with a "B" or better

This course is designed to introduce medical terms with special attention paid to human anatomy and disorders.

Emergency Medical Responder Grades 11, 12 1 Year Elective Student and Parent must attend mandatory meeting in January 2020.

Description and Prerequisite will be provided in addendum.

It is a prerequisite for any student interested in EMT.

Emergency Medical Technician (EMT)

Grade 12

1 Year Elective

Student and Parent must attend mandatory meeting in January 2020.

Description and Prerequisite will be provided in addendum. Students must be 18 years old to complete the certification test. This may occur after student's graduation.

Course subject to availability and will be taken off campus. Students must have daily transportation to off campus site from Northshore High.

Certified Nursing Assistant (CNA) Grade 12

1 Semester Elective Student and Parent must attend mandatory meeting in January 2020. Students must be 16 years old to register for this class.

Description and Prerequisite will be provided in addendum.

Course subject to availability and will

be taken off campus. Students must have daily transportation to off campus site from Northshore High.

Medical Assistant (CCMA) Grade 12

1 Year Elective Student and Parent must attend mandatory meeting in January 2020.

Description and Prerequisite will be provided in addendum.

Course subject to availability and will be taken off campus. Students must have daily transportation to off campus site from Northshore High.

Social Studies

Government
Grade 10
1 Year Required
Gifted Prerequisite: "B" average in
gifted World Geography

The first semester is a comprehensive study of the U.S. political system including documents leading to independence, compromises of the Constitutional Convention, the U.S. Constitution, the three branches of government, rights and responsibilities of citizens, political parties, state and local governments, financing of government, and foreign policy. Second semester focuses on economic systems of the world, but more extensively a detailed analysis of capitalist economic system in the U.S. Major topics include the basics of economics, supply and demand, consumerism, saving and investing, borrowing and credit, GDP, consumer price index, and the Federal Reserve.

AP US Government and Politics Grade 10

1 Year Required Prerequisite: "B" average in honors World Geography or "A" average in on level World Geography.

This course is designed to prepare students to take the AP or CLEP exams to earn college credit. Major topics include foundational documents leading to independence and the formation of a representative form of government, compromises of the Constitutional Convention, a detailed

analysis of the US Constitution and Amendments, interactions among the three branches of government, civil liberties and civil rights, political parties and participation, federalism, foreign policy, and a detailed examination of the US economic system including supply and demand, consumerism, investing and debt, the national economy, and the role of the Federal Reserve.

United States History Grade 11 1 Year Required

This survey course in American History covers the time period from 1870 to the present. Major topics include industrialization, immigration, the Great Depression, the major American wars, the Cold War, and social conflict. Upon completion, students should have a better understanding of the significant political, socioeconomic, and cultural developments in American history after the Civil War and Reconstruction.

U.S. History (NCC) (DE) \$\$
Grade 11

1 Year Required

Prerequisite: (a.) Minimum ACT: English Subscore of 18, Math Subscore of 19, and Composite Score of 19 or higher; (b.) a 2.75 unweighted cumulative GPA or higher.

Recommend: Maintain at least a B average in Social Studies and English classes in the school year prior to taking this course.

This survey course examines in some detail the major historical periods of American History from post-Reconstruction era to the present. Emphasis is placed on how and why the nation developed over time. Higher-level thinking and writing skills are stressed, and both primary and secondary sources are utilized. Selected historical events, such as the Depression, World War I and II, and the post Vietnam Era are examined in great detail. Students may earn 3 hours of credit for the full year course. All students will be required to complete a research/term paper by the start of the 3rd quarter.

American History (AP) Grade 11 1 Year Required Prerequisite: "B" average in English and Social Studies or Reading ACT Subscore of 22; and concurrent enrollment in AP English III

AP US History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The course covers the entire spectrum of U.S. History from colonial beginnings to the modern era. Students will analyze and interpret primary sources. They will take notes from printed materials, lectures and/or discussions, write essay examinations, and write analytical and research papers. Students should be able to express themselves with clarity and precision and know how to cite sources and credit the phrases and ideas of others. This course is intended for students who wish to complete studies in secondary school equivalent to a college introductory course in U.S. history. All students will read one book during the 2nd semester.

World Geography Grades 9, 10, 11, 12 1 Year Required

A study of the physical world and cultural geography. Emphasis will include the development of geography skills with a focus on the study of world regions and the interdependence of these regions.

World Geography (H) (G) Grades 9, 10, 11, 12

Required: At least a "B" average in English and Social Studies honors or an "A" average in English and Social Studies on level.

This course surveys the 10 major regions of the world. Students will examine the physical geography, history, and population patterns that contribute to each region's present-day geography with in-depth exploration of contemporary issues. Human well-being will also be evaluated using a variety of measurements.

World History Grades 11, 12 1 Year Required

This course is designed to acquaint you with the modern history of western civilization. The modern era begins circa 1350 with the Italian Renaissance. The first semester will provide a brief background from prehistory through the Reformation, and then explore the Scientific Revolution, the Age of Enlightenment, the Age of Exploration, the Age of Revolution, and the Industrial Revolution. The second semester continues with the beginnings of nationalism and imperialism and ends with a global history of the twentieth century.

DE World History (NCC) \$\$ Grades 11, 12 1 Year Required Prerequisite:

Dual Enrolled: (a.) Minimum ACT: English Subscore of 18, Math Subscore of 19, and Composite Score of 19 or higher; (b.) a 2.75 unweighted cumulative GPA or higher; (c.) "B" average in English and Social Studies.

The course is designed to trace the historical development of mankind – the major military, political, religious, economic and social origins of modern cultures will be surveyed. The subject spans from the Dawn of Man to Present Day. The emphasis is on details, facts, stories of the great and tragic events of our past, but the big picture is the ultimate focus. Students will have the opportunity to earn 6 hours of college credit upon completion of the course.

European History (AP) Grade 12 1 Year Elective Prerequisite: "B" or better in AP English III or Reading ACT subscore of 22.

Advanced Placement European History is a course designed to trace the major political, economic, social, military, and intellectual developments in Europe from approximately 1450-1970 (Renaissance through the Cold War.) Emphasis is placed on several key objectives: 1) The detailed exposure to artistic, philosophic, and literary movements unique to Europe, 2) A study of the impact of European political and military advances on the world, 3) Critical thinking and essay writing skills, which will be developed by examination and evaluation of historical documentation. 4) Working toward six hours of college credit by taking the Advanced Placement exam near the end of the year.

Law Studies Grades 11, 12 1 Year Elective

This course covers criminal and civil law. The purpose of this course is to broaden the student's knowledge of the American legal system. Students have the opportunity to earn the FEMA NIMS Certification.

Physical Education Health Education

Health Education Grades 9, 10, 11 1 Semester Required

This course is designed to motivate and assist students to maintain and improve their health, prevent disease, and reduce health-related risk behaviors. It allows students to develop and demonstrate increasingly sophisticated health related knowledge, attitudes, skills, and practices. The curriculum is comprehensive and includes a variety of topics such as personal health, nutrition, individual growth and development, injury prevention and safety, substance use and abuse, family living, consumer and community health, and communicable and chronic disease. Cardiopulmonary resuscitation (CPR) shall be taught.

Physical Education I Grades 9, 10, 11 1 Year Required

This course is designed to provide a broad range of activities that will contribute to the development of a fully functional individual who is capable of living a healthy, productive life. Students are given an opportunity to not only become involved in a broad range of movement forms, but to also gain intermediate and advanced level competencies on selected sports activities. The curriculum consists of the following activity units: football, volleyball, track and field, badminton, basketball, softball, golf, and physical/motor fitness.

Physical Education II Grades 10, 11, 12 1 Semester Required; 1 Semester Elective

This course focuses on preparing individuals in developing an acceptable level of fitness and an appreciation of lifelong values through participation in a variety of lifetime sports activities. The curriculum consists of the following activity units: tennis, archery, bowling, and physical fitness.

Physical Education III Grades 11, 12 1 Year Elective

This course emphasizes lifetime sports, leisure pursuits, and the importance of physical fitness. Careers related to recreation and physical education, body building, intramurals, and outdoor education will be addressed.

Physical Education IV Grade 12

1 Year Elective

This course emphasizes lifetime sports, leisure pursuits, and the importance of physical fitness. Careers related to recreation and physical education, body building, intramurals, and outdoor education will be addressed.

Military Science

Military Science (JROTC) Grades 9, 10, 11, 12 (This course may be substituted for P.E. I and/or P.E. II) **Prerequisites: The student must** meet the following requirements in order to participate in the program:

> A. 14 years of age or older B. Citizen of the U.S. or

approval of his/her government C. Physically able to

participate fully in Physical Education

D. Project a presentable appearance

Military Science I (JROTC I) Military Science II (JROTC II) Military Science III (JROTC III) Military Science IV (JROTC IV)

The first year Army JROTC Program will be devoted to nine Principle blocks of instruction of at least 108 hours of both classroom and field instruction. The program of instruction begins with introduction to leadership development. These courses focus on leadership theory, drill and ceremonies, hygiene and first aid, map reading, oral communication, and marksmanship.

The second year of training is devoted to intermediate instruction on the same subjects as the first year with additional classes on the U.S. Army people, places, and times. This second year will end with PAGES instruction on service opportunities.

The third year is applied leadership development. Applied course gives a comprehensive review of instruction on the role of the U.S. Army and optional subjects selected by the senior army instructor. Students have the opportunity to earn the FEMA NIMS Certification.

The fourth year classes will receive advanced leadership development, including the psychology of leadership with seminars in leadership and management. The fourth-year student will receive training on small unit leader problems, advanced communication, and staff functions.

Fine Arts

Art I Grades 9, 10, 11, 12 1 Year Elective

Art I is a survey course open to all students. The student is introduced to the elements of design (line, color, value, shape, form, texture, space) and to the principles of design (balance, harmony, contrast, emphasis, unity, rhythm, proportion, variety). He/she

will also review elements of sound composition and exploratory approaches as applied to drawing, painting, printmaking, sculpture, pottery, and crafts. The course is designed to provide opportunities for creative thinking and self-expression with some demonstration of skills. Art appreciation/history will be presented through processes and examples and will be viewed as a reflection of the times. Individual artists and their products will also be presented.

Art II Grades 10, 11, 12 I Year Elective Prerequisite: Art I

The student's skills and knowledge of the elements/principles of design and composition are developed through experiences with familiar media with advanced demonstration of skills. The student will be exposed to new media techniques, and terminology with a continuation of study in art appreciation/history and of individual artists.

Art III **Grades 11, 12** 1 Year Elective Prerequisite: Art I, II

Skills and knowledge of art are reinforced as a reflective communication. Content is based on the elements and principles of design. Individual needs and interests are met through advanced work in familiar media and techniques combined with exposure to new media. Art appreciation/history will be presented through studies of processes and examples as reflections of the times. Individual artists and their works will also be presented.

Art IV Grade 12 1 Year Elective Prerequisite: Art I, II, III

This course provides the advanced art student with an independent study, AP opportunity. Content is based on the elements and principles of design. The student will research artists/periods of art history in depth, concentrate on area/areas of interest, according to abilities and talent, work

independently, evaluate work in progress, and acquire a proficiency in handling tools/media/techniques

Art (Talented) Grades 9, 10, 11, 12 1 Year Elective Special Selection Process

Talented Art is an accelerated art class where advanced, intensive studio problems are presented in a small group setting, addressing a broad range of visual art media. Students will improve studio skills both technically and expressively, as well as their understanding of aesthetics, and their historical knowledge of the visual arts. Students explore drawing, sculpture/ceramics, painting, design and printmaking in depth over the course of four years in the program, developing a competitive portfolio of strong original work. Students are only admitted to the class who have an identified exceptionality as being Talented in the Visual Arts.

Fine Arts Survey Grades 9, 10, 11, 12 1 Year Elective

The Fine Arts Survey curriculum addresses the needs of the college bound student not enrolled in a performing arts class. That is, one who studies the arts disciplines without the pressure of artistic performance or display. In the area of the visual arts, the intention is to present a course which increases the students' knowledge and prepares him to understand and enjoy the visual arts. In the area of the performing arts (music, theater, and dance), the intention is to provide students with skills in listening and viewing and awareness of structure and design. The overall objective of the course is to provide awareness of the interaction between the arts and culture over time and to encourage reflection upon the judgments concerning the qualities of works of art as expressions of the common human experience.

Media Arts I Grades 10,11,12 1 Year Elective

This course covers an introduction to

digital photography and prepares the student for Adobe Photoshop certification through the completion of various digital media projects and lessons. Students will use photo editing and design software to manipulate, edit, and create digital images and other media. Upon completion of this course students will be eligible to take the Industry Based Certification exam in Adobe Photoshop.

Media Arts II Grades 11,12 1 Year Elective Prerequisite – Media Arts I

This course is the continuation of Media Arts I and is designed to prepare the student for Adobe Illustrator and InDesign certification through the completion of various digital graphics and design projects and lessons. Upon completion of this course, students will be eligible to take the Industry Based Certification exams in Adobe Illustrator and Adobe InDesign.

Photography I Grades 11, 12 1 Year Elective

This course is designed for students with little or no background in photography. By learning control of photo equipment and techniques, experimentation, problem solving and portfolio development, students will examine photography as a fine art form and a tool for communication and personal expression.

Music All band chorus classes are performance classes. Wind Ensemble (9th Grade) Advanced Band (10th Grade) 1 Year Elective Instrumental Technique (11th Grade) Applied Music (12th Grade) 1 Year Elective

Band students enrolled in woodwind, brass, percussion, and cadet classes will be challenged to achieve mastery and musical expertise in the following elements of music:

1. harmonic and melodic discrimination

- 2. rhythm
- 3. instrumental nomenclature and maintenance
- 4. musical fundamentals

Appropriate musical literature will be performed in both concert band and marching band performances. Special emphasis will be placed on good tone quality and technical dexterity.

Studio Piano I Grades 10, 11, 12 1 Year Elective

This is a class for beginning and intermediate piano students who wish to develop their keyboard skills and knowledge of music theory. A fee for materials and supplies will be required.

Beginning Choir Grades 9,10,11,12 1 Year Elective

Beginning Choir is designed for any incoming freshman or current Northshore female who has previously not enrolled in a choral ensemble at Northshore High. In this ensemble. the student will learn basic vocal technique, the study of solfege, and music theory. The student will develop an understanding of the choral repertoire and will perform on every choral concert program. If the student wishes to sing in both the Women's and Mixed Choir, the student must audition at the end of the academic year. This ensemble does require some after school rehearsals.

Small Vocal Ensemble (Women's Choir)

Grades 10, 11, 12 1 Year Elective

Prerequisite: Must complete beginning choir and successfully audition for the director.

Women's Choir is designed for girls with the desire to sing in an all female choral ensemble. In this ensemble, the student will continue to develop music theory skills, develop a healthy vocal technique, continue developing an understanding of choral music, and sing both Women's and Mixed choir repertoire. This course does require

some after school rehearsal. All returning students must audition.

Small Vocal Ensemble (Men's Choir)
Grades 9,10,11,12
1 Year Elective
Prerequisite: New/incoming
students have met and informally
sung for director. Returning
students have successfully
auditioned in the Spring Semester
prior to the upcoming academic

Men's Choir is designed for 9-12 boys wanting to sing in an all male choral ensemble. In this ensemble, the student will learn how to read music, develop a healthy vocal technique, develop an understanding of choral music, and sing both Male and Mixed Choir repertoire. This course does require some after school rehearsal. For the new student, prior knowledge of music is not necessary, but the student must sing for the director prior to the academic year. Returning students must successfully audition.

Music (Talented) Grades 9, 10, 11, 12 1 Year Elective Special Selection Process

The talented music program is a part of the special education program which is only available to persons who have been selected and screened by designated personnel. Information on the admissions process is available from any music teacher or the special education office. This course consists of accelerated training in the areas of music theory, history, composition and performance.

Theatre (Talented) Grades 9, 10, 11, 12 1 Year Elective Special Selection Process

Talented theatre is a part of the Special Education program which is only available to students who have been evaluated through auditions. The course consists of accelerated and indepth training in a variety of theatrical areas including performance, design, directing, and history.

NOCCA Grades 9, 10, 11, 12 Special Selection Process

General: NOCCA is a professional arts training center within New Orleans Public Schools that is open through audition to all students in the metropolitan area. Although most of NOCCA's students attend local public schools, students from private and parochial schools also attend NOCCA. Students attend NOCCA part-time each day and take the required courses at another school. Not a school but a center, NOCCA serves as a satellite of student □s regular schools. Course work at NOCCA counts toward high school graduation. NOCCA s curriculum is designed to prepare students to follow a path toward professional careers involving any of NOCCA's five art disciplines: Dance, Music, Theater, Visual Arts, Creative Writing. These programs of study are professionally oriented, highly structured, and academically rigorous. Commitment to serious study is tested at NOCCA so that students can experience now what will be expected of them in professional arts careers. Realistic career preparation is the goal. Enrollment at NOCCA for at least three years is recommended.

Agriculture

Agriscience I 1 Year Elective Grades 9, 10

This is a survey course involving soil, animal and plant science. FFA leadership activities such as parliamentary law, public speaking, small engines, metal working, agricultural economics, and occupational information are also stressed. A student enrolled in this course must also become a member of FFA where he/she may participate in livestock projects, garden plots, and greenhouse activities.

Agriscience II
Grades 10, 11, 12
1 Year Elective
Prerequisite: Agriscience I
This is a specialized training course

involving advanced beef, crops, forestry, poultry, small engines, and metal working, swine, horses, forages, horticulture, FFA leadership, wildlife conservation, agricultural economics, sales and service, processing all types of meats, and occupational training. A student enrolled in this course must also be a member of the Future Farmers of America (FFA).

Agriscience III Grades 11, 12 I Year Elective

Prerequisite: Agriscience I and II Agriscience III is designed for the advanced studies of the science of agriculture. The student will receive instruction in the latest areas of aquaculture, hydroponics, aquaponics, tissue culture, and other pure science methods of producing food and fiber. The student will work on and develop plans for future career options. Students have the opportunity to earn an IBC in Agritechnology.

Horticulture I Grades 11, 12 1 Year Elective

Horticulture is the art and science of growing fruits, vegetables, and ornamental plants. The Louisiana Manual for the Environmental Horticulture Industry is used as the content of the course including but not limited to plant nomenclature and classification, plant growth and development, propagation, landscape installation and maintenance. The program comprises three main areas: school beautification, special event staging, and community service. The course is very "hands on" and much of the work is in our green house.

Horticulture II Grade 12 I Year Elective Prerequisite: Horticulture I

Course includes six hours of community service in ornamental beautification outside of class time. The course develops students to lead and develop horticulture projects and more sophisticated methods of propagation. The hands-on approach is to develop students to be able to run their own landscape business and

learn employment options in the green industry.

CITF Carpentry Pre-Apprenticeship Grades 10, 11, 12 1 Year Elective

The Carpentry Pre-Apprenticeship is designed to introduce students to a career in carpentry. The curriculum was created and published by the **Carpenters International Training** Fund (CITF). It is a unique program that provides high school students with an opportunity to learn first-hand the required skills and values for having a successful career as a carpenter after high school graduation. Student will master soft skills essential to entry-level employment. This Pre-Apprentice pathway includes self-evaluation; goal setting; employability skills; specific career information on construction trades: real job descriptions of workers in the field; interviews and features that appeal to young adults. Math for the Trades makes up the math component of an effective high school trades curriculum. All of the math concepts are linked to real life situations in the world of construction work. This manual is a basic treatment of technical math beginning with general math, fractions, and decimals. Measurement and measurement tools, lavout, area measure, and volume measure are all explained in detail with numerous exercises. A special effort has been made to set exercises in the context of real life technical work tasks.

Carpentry Apprenticeship Level 1 DE Grade 11, 12 Prerequisite: CITF Carpentry Pre-Apprenticeship

The Carpentry Apprenticeship I is designed to further advance students in the field of carpentry. The curriculum was created and published by the Carpenters International Training Fund (CITF). Certification in CITF Pre-Apprenticeship Level 1 demonstrates the student has knowledge concerning safety and precautions, an understanding of tools and safe operating procedures,

materials and fasteners; and the ability to safely and efficiently complete 15 step-by-step projects that require basic skills including the tote box, step stool, and storage chest to the specified specifications. Certified graduates may receive advanced placement in a pre-apprenticeship and/or apprenticeship programs.

Business Education

Customer Service Grades 10, 11, 12 1 Year Elective

Using real-life applications, students will be guided step-by-step through the entire process of owning their own business including developing a business plan for a mock business. Additionally, students will develop skills in customer satisfaction and loyalty. The students will gain an understanding of the skills, attitudes, and thinking patterns needed tow in customer satisfaction and loyalty. Upon completion, the student will be eligible to test for the National Retail Federation Customer Service Test. Students passing the exam will receive the National Customer Service Certification.

Principles of Business Grades 11, 12 1 Year Elective Prerequisite: Completion of Customer Service

Introduction to Business will acquaint students with an understanding of the many facets of the American business environment. The course includes studies in the development and structure of American business, business management and organization, human resources management, marketing, finance, and information resources. In addition, legal, regulatory, ethical, and social issues are included. Career opportunities and options are also presented. This course assists students in appreciating how global/international issues affect modern business. Students will be eligible to test for the Regional Micro-Enterprise Certification.

Entrepreneurship Grade 12 1 Year Elective Prerequisite: Completion of Customer Service and Principles of Business.

Using real-life applications, students will be guided step-by-step through the entire process of owning their own business. The entrepreneurship students will be provided with handson opportunities to expand their business skills to help them become effective small business owners, employees, and young professionals. These students will be eligible to take the State Micro-Enterprise Credential at the end of the course.

Quest For Success Grade 9, 10 1 Year Elective

Quest for Success (QFS) is an innovative, new, high school-level, career exploration course designed to prepare all Louisiana graduates for career and life success.

The new course will help all students to develop essential 21st century workforce skills - the ability to communicate, collaborate, and lead; explore new and exciting careers and industry sectors; and learn about themselves and their interests to successfully navigate high school, postsecondary education, and career pathways.

Advanced Career Readiness Grade 11, 12 1 Year Required TOPS Tech Diploma ONLY

This course highlights skills students will need for college and career success. In addition to a continued emphasis on mastering soft skills, students will learn about postsecondary options, post-secondary personal finance, workplace safety and how to effectively conduct research on potential careers. Students taking this course will also participate in the CareerSafe Online OSHA General Industry Training Course. Any student who successfully passes the Career Safe Online OSHA General Industry Training Course will receive the industry recognized OSHA certification card.

Internship Grade 12 1 Year Elective Interest Form Required

This two-hour credit course is designed to provide students with valuable on-the-job training and experience. Students will work with a mentor for six hours each week. Students will be required to attend a weekly intern meeting and complete weekly online assignments related to career readiness and preparation. Each student will be responsible for arranging his/her own transportation between the school and the work site. Students will receive new employee training and may be required to take part in health screenings or other requirements depending on the work site. It is recommended that students applying for internship be in a good academic standing, have no attendance or discipline issues, have good organization and time management skills, and be able to work independently with minimal instruction. Attendance at information meetings prior to the beginning of the internship semester are required for both students and parents.

Computer Technology

Introduction to Business Computer Applications I (IBCA) Grades 10, 11, 12 1 Year Elective

This course gives students a comprehensive understanding of Microsoft Word and PowerPoint. In Word, students will learn to create professional-quality documents, reports, letters, and resumes. In PowerPoint, students will also learn how to create professional slides and presentations for use in school and business. Students will have the opportunity to earn the Microsoft Word and PowerPoint certification.

CIW Internet Business Associate Grades 11, 12 1 Year Elective Prerequisite: IBCA

The Internet Business course prepares

students to work effectively in today's business environment. In this course, students will learn about the tasks involved in various information Technology job roles, and they will learn the foundational skills and technologies used in business. At the conclusion of the course, students will have the opportunity to earn the Internet Business Associate certification.

CIW Network Technology Grades 12

I Year Elective Prerequisite: IBCA and CIW

Internet Business Associate

The Network Technology course prepares you for job readiness in many business and technology related careers. Understand the fundamentals of networking, Internet protocols and network security is important for all professionals who use the Internet. This certification proves your mastery of the basics of networking and prepares you for further study in the specialty of your choosing.

Creative Coding Through Games Grades 10, 11, 12 1 Year Elective

This class is an introduction to computer coding. It is a full-year course aimed at exposing students to the world of coding. Through a series of learning "modulus", including example code, video tutorials, quizzes, programming challenges, and applied programming exercises, the students will be introduced to the fundamentals of HTML, CSS, and JavaScript.

Fundamentals of Software Development Grades 10, 11, 12 1 Year Elective

This course provides an introduction to computer programming using JavaScript, HTML, and CSS, and is designed for high school students with little to no prior experience in coding. It aims to teach students the core concepts of computer programming, basic front-end web development skills, and provides students with an understanding in the role computation can play in solving problems. Students

also learn software development career options through guest speakers. Students are trained in JavaScript, HTML, and CSS and equipped with the skills to build websites, simple games, and animation. By the end of the second semester, students have created a live website that hosts all of their projects from the year. This website acts as a portfolio to show future colleges and employers the work they have completed in the course. The Fundamentals of Software Development course is also designed to help students prepare for an Industry Based Certification (IBC) in Fundamentals of JavaScript, Functional Programming and Web Development (Level 1), which they will attempt to secure during the second semester.

Family and Consumer Science

Nutrition and Food Grades 10, 11, 12 1 Semester Elective

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

Advanced Food Nutrition Grades 10, 11, 12 1 Semester Elective

This course addresses more complex concepts in nutrition and food preparation, with emphasis on social, psychological, and cultural influences on food choices. Topics of study include nutrition and wellness for individuals and families across the life span, impact of technology on acquiring, organizing and evaluating information about foods and nutrition, and exploration of careers in all aspects of the food industry. Laboratory experiences are included.

ProStart I Grades 11, 12 1 year Elective

Prerequisite: Nutrition and Food and Advanced Nutrition and Food

ProStart is a program created by the National Restaurant Association Education Foundation. Students learn the management and culinary skills needed for a career in the foodservice industry. In addition, there is an emphasis on safety and sanitation, communication, management, and customer service. Upon completion of the safety and sanitation unit, the culinary lab experience, which includes salads, dressings, dips, stocks, soups, sauces, and sandwiches will begin.

Foreign Language

French I Grades 9, 10, 11, 12 1 Year Elective

There is no prerequisite for French I; however, an overall "C" average (or better) in English is recommended. In the first semester, this introductory course will cover: the alphabet, numbers 1 - 1,000, basic sentence structure, basic conversations, conjugation of regular and some irregular verbs in present and simple future tenses. During the second semester, students will be introduced to the past tense. Speaking and listening skills are stressed throughout this course, but reading, writing, and translating are also important. Cultural awareness and projects and activities relating to French cultures are also included.

French II Grades 10, 11, 12 1 Year Elective

The recommendation for this course is the successful completion of French I with an overall "C" average or better. An overall "C" average (or better) in English is also recommended.

The first part of this course will be an extensive review of all grammatical items studied in French I and conjugation of regular and irregular verbs.

During the second part of French II, students will be expected to begin relating the rules and conjugations to the speaking and understanding of the French language. Reading, writing, and translating will also be emphasized. Cultural awareness and activities are also included.

French III Grades 11, 12

I Year Elective-Independent Study

The recommendation for this course is the successful completion of French II with an overall "B" average or better. French III is an extensive review of all grammatical items studied in French I and II. Regular and irregular verbs will be conjugated and reviewed in all indicative tenses and several subjunctive moods.

Oral French will be strongly emphasized. Students will strive for understanding of the spoken language through readings, conversations, and translations.

Spanish I Grades 9, 10, 11, 12 1 Year Elective

The recommendation for this course is an overall "C" average in English. Students will learn to speak Spanish in a stimulating, interactive environment. Language has to be practices, so speaking is an essential part of the learning process. To be able to communicate in the target language, the student will learn a variety of vocabulary, how to conjugate verbs in the present tense, simple rules of grammar that allows the student to also communicate by writing and listening, cultures of different Spanish speaking countries, food, music, people, geography, etc. while gaining a better understanding of the world in which we live. The textbook is available online so it is used in class for audio and video use.

Spanish II Grades 9, 10, 11, 12 1 Year Elective

The recommendation for this course is an overall "C" average in English and the successful completion of Spanish I with a "C" average or better. This course covers a review of the present tense of verbs, a study of the imperfect, and preterit of regular and irregular verbs, and all essential grammar skills. The second semester includes vocabulary building and writing exercises, a study of the subjunctive mood, and conversational dialogues. Cultural awareness and audio-oral skills are emphasized throughout the year. Memorization of vocabulary and verb conjugation is required. Written and oral projects will be presented.

Spanish III Grades 10, 11, 12 1 Year Elective

a "B" average in English and successful completion of Spanish II with a "B" or better. Spanish III will review grammar and verbs studied in Spanish I and II. All indicative and subjunctive moods will be introduced. All four skills will continue to be practiced. Spanish and Latin American literary works as well as current events will be read in both English and Spanish. Cultural awareness, and audio-oral skills will continue to be emphasized. The course emphasizes vocabulary building through conversation and reading, while reviewing and extending basic usage skills at an intermediate level. Vocabulary and

The recommendation for this course is

German I Grades 9, 10, 11, 12 1 Year Elective

verb conjugation is required.

There is no prerequisite for German I: however, an overall "C" average in English (or better) is recommended. In the first semester, this introductory course will cover the alphabet, numbers 1-1,000, pronunciation, conversation, vocabulary, basic sentence patterns, and conjugation of regular and irregular verbs in the present tense. During the second semester, students will be introduced to the imperfect and simple past tenses, the accusative, dative, and genitive declensions, and higher level conversation and vocabulary. Speaking and listening skills are stressed throughout this course, but reading, writing, and translating are

also important. Cultural awareness and activities relating to the culture of Germany, Austria and Switzerland are also included. Memorization of vocabulary and verb conjugation is required.

German II Grades 10, 11, 12 I Year Elective Prerequisite: Successful completion of German I

In German II, students build on the knowledge from German I to increase fluency in the four basic skills of listening, speaking, reading, and writing. Topics covered will include intermediate level vocabulary, phrases and cultural aspects of transportation, travel and vacation, food and cooking, shopping, hobbies and sports, health, festivals, and holidays, and communications. Students will review grammar skills from German I and be introduced to topics such as reflexive verbs and narrative past tense, the accusative, dative and genitive cases, especially as associated with prepositions, demonstrative and relative pronouns, and the comparative and superlative of adjectives and adverbs. Students will also study cultural aspects and current vocabulary and verb conjugation is required.

German III
Grades 11, 12
1 Year Elective-Independent Study
Prerequisite: Successful completion
of German I and II

German III will review grammar and verbs studied in German I and II. The subjunctive mood will be introduced. All four skill (reading, writing, listening, speaking) will continue to be practiced. German literacy works as well as current events will be read in both German and English. The course will take place during the same time and in the same room as German II, and if so the student will be expected to perform at a higher level. The course will also include independent study, research, will emphasize preparation for the CELP test, for possible college credit.