

Pearl River High School

Course and Curriculum Guide

Class of 2017



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INTRODUCTION

The purpose of this guide is to help students and their parents make better decisions concerning their high school courses based on graduation requirements, college requirements, TOPS requirements and Academic and Career/Technical Endorsements.

Though school personnel will attempt to locate and correct any errors, **it is the parents' and students' responsibility** to select the courses, keep copies of records and plan their schedule to meet all the requirements needed.

Seven (7) courses and three (3) alternates must be selected. If one of the courses is not available, one of the alternates will be scheduled. ALL courses should be carefully chosen.

POLICY STATEMENT

It is the policy of Pearl River High School not to discriminate in its educational programs or activities on basis of sex (Title IX of the Education Amendments of 1972), race, color, religions, disability (Section 504 of the Rehabilitation Act of 1973), or national origin (Title VVI of the Civil Rights Act of 1964).

All courses offered at this school are open to both males and females, and no distinction based on gender is made in the placement of student in courses.

ADVANCED PLACEMENT (AP) COURSES

Advanced placement courses are college level courses offered in the high school for qualified students. Students that enroll in an AP course are required to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam. The score reported on the examination and each college's policy regarding AP will determine whether college credit will be granted for the work.

COLLEGE CREDIT COURSES

College credit is offered from various post secondary institutions through dual enrollment, concurrent enrollment and articulations with Louisiana colleges while attending PRHS. The student must meet the academic requirements to enroll in a college course.

To be eligible for the Early Start/Dual Enrollment Program, a student must be 16

years old, classified as a junior or senior, and have qualifying scores on the Plan Test or ACT. Students do have the option to pay for dual enrollment courses.

END OF COURSE (EOC)

All public high school students will be required to take the state End of Course (EOC) tests. The tests will include the subject areas of English II and English III, Algebra I, Geometry, Biology and American History. This requirement is in addition to the required number of Carnegie Units for graduation.

INDUSTRY-BASED CERTIFICATION

Industry-based certification can be obtained by meeting the minimum requirements that are available through courses offered at Pearl River High School.

PLACEMENT IN COURSES

Placement in courses is determined by student ability and teacher recommendation. Student ability is determined by results of standardized tests, criterion-referenced tests, placement tests, past academic achievement. PRHS operates on a seven period day. Classes will be scheduled on a semester basis and each semester will be viewed as a new course.

SCHEDULE CHANGES

A considerable amount of time, effort and funds are devoted to the registration process. It is essential that student think seriously about a particular subject before scheduling. A student will **not** be allowed to shuttle between teachers and courses once he/she has been placed in a course. The administration plans for the next school year based on the subjects selected now. **Students cannot change subjects unless one of the following change criterions is met:**

1. Incorrect placement
2. Meeting graduation requirements
3. Balancing classes by PRHS administration.

SENIORS

Seniors are required to attend a minimum of five (5) credit classes per day per semester. Five hours are required for a student to be eligible for the honor roll. Taking less than seven units may negatively affect a senior's class rank and GPA. **Permission must be granted for seniors requesting a short day**

schedule. An application for short day must be completed.

SENIOR PROJECTS

A senior project is a focused rigorous independent learning experience and must be completed during the student's year of projected graduation from high school.

Each student must choose a challenging topic of interest approved by their parents or guardians and the school-level English teacher. Each student must have a Senior Project mentor.

Students must successfully complete the four components listed below.

- Research paper of 8-10 pages on an approved topic of the student's choice;
- Portfolio that documents and reflects the Senior Project process;
- Presentation to a panel of 3-5 adults from the community and school.

TOPS Awards

Louisiana Tuition Opportunity Program for Students (TOPS) is a comprehensive program of state scholarships. High School seniors must submit the free application for Federal Student Aid (FAFSA) that corresponds to the year they plan to enroll in a post-secondary school to apply for all TOPS awards. Additional TOPS information is available on the LOSFA website (www.osfa.state.la.us). **It is the parent/student responsibility to ensure that students are enrolled in course meeting TOPS Awards requirements.**

UNITS REQUIRED FOR EACH GRADE

The Louisiana State Department graduation requirements are **24 credits**. The number of credits to progress to the next grade will be as follows:

Sophomore	5 units
Junior	11 units
Senior	17 units
Graduate.....	24 units

WEIGHTED GRADE POLICY

Students enrolled in designated honors, gifted and Advanced Placement courses will receive an extra quality point according to the following scale: A=5, B=4, C=3, D=1, F=0.

High School Graduation Options

To provide Pearl River High School students with the knowledge and skills to succeed in their post-secondary and career pursuits, the Louisiana Department of Education has adopted three diploma options to help students individualize their academic and career goals. All students entering Pearl River High as first-time freshmen will follow the LA Core 4 Curriculum. At the end of their sophomore year, the students may wish to opt out of the LA Core 4 Curriculum by having a parent or guardian sign and file with the school a written statement asserting their consent to the student graduating without completing the LA Core 4 Curriculum and acknowledging that one consequence of not completing it may be ineligibility to enroll into a Louisiana four-year public college or university.

LA CORE 4 CURRICULUM

This curriculum will bring rigor and relevance to high schools throughout the state and consists of 21 required units and 3 elective units. The LA Core 4 Curriculum prepares students for entrance to a four-year Louisiana college or university and is aligned to each student's course of study and his/her career and educational goals. **Students need to be aware that it is not the same as TOPS Core Curriculum requirements for college admissions and/or TOPS scholarship. Students enrolled in the Core 4 Curriculum must complete a career Area of Concentration (AOC) in order to earn a high school diploma.**

BASIC CORE CURRICULUM

The Basic Core Curriculum consists of 16 required units and 8 elective units in a career technical Area of Concentration (AOC). **The Basic Core Curriculum prepares the student for a Louisiana community college.** Therefore; at the end of the sophomore year, a student may wish to opt out of the LA Core 4 Curriculum by having a parent or guardian sign and file with the school a written statement asserting their consent to the student graduating without completing the LA Core 4 Curriculum and acknowledging that one consequence of not completing it may be ineligibility to enroll into a Louisiana four-year public college or university. **Students completing the Basic Core Curriculum must complete a career Area of Concentration (AOC) to earn a high school diploma.**

As you and your parent/guardian select the curriculum path and courses you will need to graduate from high school, pay close attention to the diploma requirements that are outlined in the following pages of this Course Description Guide. It is important to understand that the role of the counseling staff is to advise students. **Students and their parents/guardian assume full responsibility for the course work scheduled.** Though the school personnel will attempt to locate and correct any errors, it is the students' and their parents' responsibility to select the courses, keep copies of records and plan their schedule to meet all requirements for graduation. Also, parents and students have the responsibility to check requirements for the college of their choice and schedule coursework accordingly.

LOUISIANA CORE 4 CURRICULUM

Courses	Units
English	4 units
English I	1 unit
English II	1 unit
English III	1 unit
English IV	1 unit
Mathematics	4 units
Algebra I or Algebra I-Pt. 2	1 unit
Geometry	1 unit
Algebra II	1 unit
The remaining unit shall come from the following: Financial Mathematics, Math Essentials, Pre-Calculus, or Calculus	1 unit
Science	4 units
Biology	1 unit
Chemistry	1 unit
Physical Science, Physics I, Biology II, Chemistry II, Environmental Science, or Agriscience II	2 units
A student completing a Career and Technical Area of Concentration may substitute a BESE/Board of Regents approved IBC-related course from within the student's Area of Concentration for the fourth required science unit.	
Social Studies	4 units
Civics	1 unit
American History	1 unit
World History or World Geography	1 unit
World History, World Geography, Law Studies, Psychology, or Sociology	1 unit
A student completing a Career and Technical Area of Concentration may substitute a BESE/Board of Regents approved IBC-related course from within the student's Area of Concentration for the fourth required social studies unit.	
Health Education	.5 unit
Physical Education	1.5 units
Physical Education I and Physical Education II, or adapted Physical Education for eligible special education students. A maximum of four units of Physical Education may be used toward graduation. NOTE: Two full years of JROTC I & II can be substituted for the PE and Health requirement for graduation.	
Or substitute	
JROTC I & II	2 units

Foreign Language	2 units
Shall be two units in the same foreign language or two units of speech	
Arts	1 unit
Fine Arts Survey or one unit of approved arts	
A student completing a Career and Technical Area of Concentration may substitute a BESE/Board of Regents approved IBC-related course from within the required art unit.	
Electives	3 units
TOTAL	24 units

Note: The Louisiana Core 4 Curriculum represents minimum graduation requirements. It is NOT the same as the TOPS Core Curriculum requirements for college admission and/or the TOPS scholarship. *It is the parent/student responsibility to ensure that students are taking the necessary courses in both LA Core 4 and TOPS Award as they do not always align.*

TOPS REQUIREMENTS

TOPS REQUIREMENTS FOR GRADUATES OF 2014 AND BEYOND			TOPS TECH REQUIREMENTS		
Earned Credit	Courses	Credit Needed	Earned Credit	Courses	Credit Needed
	English	4		English	4
	English I	1		English I	1
	English II	1		English II	1
	English III	1		English III	1
	English IV	1		English IV or Senior Applications	1
	Math	4		Math	4
	Algebra I	1		Algebra I or Algebra I Part 1 and Part 2	1
	Geometry	1		Geometry	1
	Algebra II, Pre-Calculus, Calculus	2		Algebra II, Financial Math, Advanced Math	2
	Science	4		Science	3
	Biology or Biology II	1		Biology	1
	Chemistry I or II	1		Chemistry	1
	Environmental Science, Physics, Physical Science, or (Agriscience I and Agriscience II)	2		Applied Chemistry, Environmental Science, Physical Science, Biology II, Physics, or Agriscience I and Agriscience II	1
	Social Studies	4		Social Studies	3
	World Geography	1		World Geography or World History	1
	Civics/Free Enterprise (2014) Civics (2015)	1		Civics	1
	American History	1		American History	1
	World History	1		Remaining courses must be selected from one of the following two options:	
				Option I	
				Fine Arts Survey or (substitute 2 units of performance courses) or (one unit elective from the core curriculum)	1
				Introduction to Business Computer Applications or (related computer course) or .5 unit from core curriculum	1
				Foreign Language 1 or Speech I	1
				Foreign Language II or Speech II (2 units of same language)	1
	Fine Arts	1		Total Core Units	17
	Fine Arts Survey or substitute 1 unit of performance courses in music or theater or 1 unit of visual art	1		Option II	
	Foreign Language	2		A Career Major comprised of 4 Primary Courses (5-Year Plan)	4
	Foreign Language I	1		Related Course	1
	Foreign Language II (2 units of the same language)	1		Basic Computer Course (IBCA)	1
	Total Credits	19		Total Core Units	19
ACT: 20					
GPA: 2.5 on above coursework					
For more information on TOPS, visit the Louisiana Office of Student Financial Assistance at www.osfa.state.la.us					
<i>TOPS requirements should be checked for annual changes.</i>					

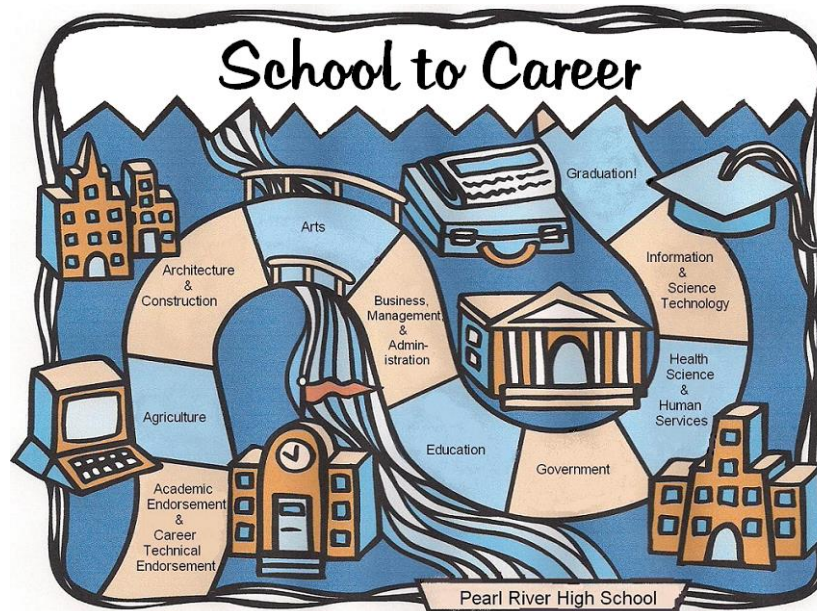
**LOUISIANA BASIC CORE CURRICULUM
(This Diploma Requires AOC Completion)**

**Career Cluster/Area of Concentration
REQUIRED FOR GRADUATION**

(AOC): _____

Courses	Units
English	4 units
English I	1 unit
English II	1 unit
English III	1 unit
English IV or Senior Applications in English	1 unit
Mathematics	4 units
Algebra I or Algebra I-Pt. 1 and Algebra I-Pt. 2	1 unit
Geometry	1 unit
The remaining units shall come from the following: Algebra II, Financial Mathematics, Math Essentials, Advanced Math—Pre-Calculus, Calculus, or a locally initiated elective approved by BESE as a math substitute	2 units
Science	3 units
Biology	1 unit
Physical Science, Chemistry I, Physics I	1 unit
Biology II, Chemistry II, Environmental Science, Agriscience II, an additional course from the physical science cluster, or a locally initiated elective approved by BESE as a science substitute (Agriscience I is a prerequisite for Agriscience II and is an elective course)	1 unit
Social Studies	3 units
American History	1 unit
Civics	1 unit
World History, World Geography	1 unit
Health Education	.5 unit
Physical Education	1.5 units
Physical Education I and Physical Education II, or adapted Physical Education for eligible special education students. A maximum of four units of Physical Education may be used toward graduation. NOTE: The substitution of JROTC is permissible.	
Or substitute	
JROTC I & II	2 units
Electives	8 units
TOTAL	24 units
<p>Must complete a career/technical AOC. This includes 4 primary and 2 related credits. One must be a computer course. Also, Career Education or Journey to Careers is required.</p>	

Earned Credit	Courses	Credit Needed
	ENGLISH	4
	English I	1
	English II	1
	English III, & English IV or Senior Apps.	2
	MATH	4
	Algebra I	1
	Geometry	1
	Algebra II, Pre-Calculus, Calculus, Math Essentials, Financial Math	2
	SCIENCE	3
	Biology	1
	Physical Science	1
	Biology II, Environmental Science, Chemistry, Physics, Agriscience II, (Agriscience I is a prerequisite for Agriscience II and is an elective course)	1
	SOCIAL STUDIES	3
	American History	1
	Civics	1
	World History, World Geography	1
	PHYSICAL EDUCATION/HEALTH	2
	Physical Education I (JROTC I and II will substitute for PE) & Health Education	1
	Physical Education II	.5
	Health Education	.5
	CAREER/TECHNICAL EDUCATION	8
	Journey to Careers	1
	Primary Credit	1
	Primary Credit	1
	Primary Credit	1
	Primary Credit	1
	Related Credit	1
	Computer Course	1
	Additional Electives	
	Free elective	
	Free elective	
	Free elective	
	TOTAL CREDITS	24



CAREER CLUSTER INFORMATION

The Career Options Law—Five Year Plan According to ACT 1124

Each student will develop an **Individual Graduation Plan**, with the input of his/her family, starting in the 8th grade and ending in the 12th grade. Such a plan shall include a sequence of courses, which is consistent with the student's stated goals for one year after graduation. The purpose of the IGP document and related activities are as follows: explore educational and career opportunities, make appropriate secondary/postsecondary decisions as part of an overall career based on the student's talents and interests, and consider graduation requirements relevant to the student's chosen area of concentration and postsecondary entrance requirements. Each student's **Individual Graduation Plan** shall be reviewed and revised annually thereafter by the student, parents, and school advisor.

The **Individual Graduation Plan** consist of the following: **4 credits in Primary courses** and **2 credits in Related courses** of which one credit must be a computer technology course. The following pages outline the Career Clusters and Areas of Concentration with course recommendations for each grade level. Courses with an (*) asterisk are required, and at least one must be completed as a Primary course. **ALL STUDENTS MUST COMPLETE AN AREA OF CONCENTRATION TO GRADUATE FROM HIGH SCHOOL.**

PRHS provides junior and senior students the opportunity to participate in a **Dual Enrollment** program that allows them to **earn college credit while still attending high school**. The tuition cost is the responsibility of the student, and the cost varies depending on the number of credit hours the student enrolls in and **the student's PLAN score of at least 15 on both English and Math. For academic classes students must have an ACT/Plan composite score of 18 with a subscore of 18 on the English portion and 19 on the Math portion of the test.** Students may also earn an Industry-based certification upon successfully completion of coursework and exam.

INDIVIDUAL GRADUATION PLAN
Beginning Date: _____

Name: _____ **Area of Concentration:** _____

High School Attending: _____

NOTE: Students may complete an **academic area of concentration** by completing the course requirements for the TOPS Opportunity Award.

Career Cluster:

- | | | | |
|--|--|--|--|
| <input type="checkbox"/> Agriculture, Food and Natural Resources | <input type="checkbox"/> Education and Training | <input type="checkbox"/> Human Services | <input type="checkbox"/> Government and Public Administration |
| <input type="checkbox"/> Arts, A/V Technology & Communication | <input type="checkbox"/> Finance | <input type="checkbox"/> Information Technology | <input type="checkbox"/> Marketing, Sales and Services |
| <input type="checkbox"/> Architecture and Construction | <input type="checkbox"/> Health Science | <input type="checkbox"/> Law, Public Safety and Security | |
| <input type="checkbox"/> Science, Technology, Engineering & Math | <input type="checkbox"/> Hospitality and Tourism | <input type="checkbox"/> Manufacturing | <input type="checkbox"/> Transportation, Distribution, and Logistics |
| <input type="checkbox"/> Business, Management and Administration | | | |

Diploma Endorsements:

- Standard Diploma Academic Endorsement
 Career and Technical Endorsement TOPS Tech Option 1
 Career and Technical Endorsement TOPS Tech Option 2
 Other _____

Postsecondary Plans:

(Check College Catalogs for specific entrance requirements)

- Attend College Technical Training
 Technical College Employment
 Community College Military
 Four Year College/University Other _____

9th Grade	10th Grade	11th Grade	12th Grade
(Remember to consider TOPS/TOPS Tech Core Curriculum)	(Remember to consider TOPS/TOPS Tech Core Curriculum)	(Remember to consider TOPS/TOPS Tech Core Curriculum)	(Remember to consider TOPS/TOPS Tech Core Curriculum):
English I	English II	English III	English: _____
Mathematics: _____	Mathematics: _____	Mathematics: _____	Mathematics: _____
Science: _____	Science: _____	Science: _____	Science: _____
Social Studies: _____	Social Studies: _____	Social Studies: _____	Social Studies: _____
PE/Health/ROTC: _____	PE/Health/ROTC: _____	PE/Health/ROTC: _____	PE/Health/ROTC: _____
General Electives	General Electives	General Electives	General Electives
_____	_____	_____	_____
Electives: Area of Concentration (4 units comprised of a sequence of related specialty courses). _____	Electives: Area of Concentration (4 units comprised of a sequence of related specialty courses). _____	Electives: Area of Concentration (4 units comprised of a sequence of related specialty courses). _____	Electives: Area of Concentration (4 units comprised of a sequence of related specialty courses). _____
Signatures:	Initials:	Initials:	Initials:
Student _____ Date _____	Student _____ Date _____	Student _____ Date _____	Student _____ Date _____
Parent _____ Date _____	Parent _____ Date _____	Parent _____ Date _____	Parent _____ Date _____
Counselor/Advisor _____ Date _____	Counselor/Advisor _____ Date _____	Counselor/Advisor _____ Date _____	Counselor/Advisor _____ Date _____

- **Student must complete at least one competency course credit, as designated by an asterisk.**
- **Senior Project has to be related to the student’s career major and area of concentration.**
- **All foreign language courses are included in the Related Courses.**

Cluster 01: Agriculture, Food & Natural Resources			
Area of Concentration 01: Agriculture Production, Management, & Entrepreneurship			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
* Agriscience I,II	Environmental Science	Accounting I	IBCA
Agriscience Construction	Meat Processing	Adv. Nut & Food/Nut &Food	NCCER Welding-Ag
CTE Internship	Principles of Business	Basic Wood Technology	Principles of Business
Education for Careers or Journey to Careers		Biology II	Physics
		Chemistry	Senior Project
		Entrepreneurship	Speech I
		Financial Math	World Geography
		Fine Arts Survey	World History
Industry Based Certification: NCCER Welding, NCCER Carpentry, Landscape Contractor, Customer Service			
Postsecondary Programs: Ag Sciences, Ag Production, Farm and Ranch Mgmt., Fishing and Fisheries Sciences & Mgmt., Food Sciences & Tech., Forestry and Related Sciences, NCCER-Carpentry, NCCER-Electrical			
Occupations: Agricultural Product Inspections, Biology Teacher, Conservation Specialist, Environmental Specialist, Fish and Game Officer, Fisheries Manager, Forest Worker, Park Manager, Water Monitoring Technician			

Cluster 01: Agriculture, Food & Natural Resources			
Area of Concentration 02: Animal Science			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Agriscience I,II	*Veterinarian Asst. I, II	Accounting I	Food and Nutrition
CTE Internship I		Biology II	IBCA
Education for Careers or Journey to Careers		Customer Service	Senior Project
		Entrepreneurship	Speech I
		Financial Math	
Industry Based Certification: Canine Care, Customer Service, Equine Care			
Postsecondary Programs: Agricultural Animal Breeding Genetics, Agricultural Animal Health			
Occupations: Animal Geneticist, Animal Nutritionist, Animal Scientist, Aquaculturalist, Embro Technologist, Feed Sales Representative, Poultry Manager, Veterinarian			

Cluster 01: Agriculture, Food, & Natural Resources			
Area of Concentration 04: Horticulture			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Agriculture I, II	*Horticulture	Accounting I	Environmental Science
CTE Internship	Landscape Design	Art I	Financial Math
Education for Careers or Journey to Careers		Basic Drafting	IBCA
		Biology II/Biology Elec.	Senior Project
		Chemistry	Speech I
		Customer Service	World Geography
		Entrepreneurship	
Industry Based Certifications: Certified Nursery Landscape Professional, Horticulturist License, Landscape Contractor			
Postsecondary Education Programs: , Horticulture, Plant Science			
Occupations: Biochemists, Botanist, Certified Crop Advisor, Florist, Forest Geneticist, Greenhouse Manager, Golf Course Superintendent, Landscape Architect/Contractor, Lawn Service and Groundskeeping, Pesticide Handlers, Sprayers, and Applicators, Tree Surgeon			

Cluster 02: Architecture and Construction			
Area of Concentration 02: Architecture			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Adv. Tech. Drafting	CTE Internship	Adv. Wood Technology	IBCA
*Architectural Drafting	*Drafting Tech. I, II	Art III/IV	NCCER Carpentry I-TE
*Basic Tech. Drafting	Education for Careers or Journey to Careers	Basic Wood Technology	NCCER Welding-Ag
Construction Tech.		Pre-Calculus	NCCER Welding I-TE
		Customer Service	Physics
		Entrepreneurship	Senior Project
		Financial Math	Speech I, II
Industry Based Certifications: Autocad, MOUS, NCCER Carpentry			
Postsecondary Education Programs: Architectural Engineering, Architecture			
Occupations: Architect, Architectural/Civil Drafter, Cartographers and Photogrammetrists, Civil Engineering, Landscape Architects, Mechanical Drafter, Surveyor, Teacher			

Cluster 02: Architecture and Construction			
Area of Concentration 04: Carpentry and Construction			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Adv. Tech. Drafting	*Carpentry Technology	Agriscience I	IBCA
*Adv. Wood Technology	CTE Internship	Art I	Physics
Agriscience I, II, III	Education for Careers or Journey to Careers	Pre-Calculus	Senior Project
Ag. Construction		Chemistry	Speech I, II
Architectural Drafting	*NCCER Carpentry-Ag	Customer Service	
Basic Tech. Drafting	*NCCER Carpentry-TE	Entrepreneurship	
	NCCER Welding-Ag	Financial Math	
Industry Based Certifications: Autocad, NCCER Certification-Carpentry, NCCER Certification-Welding			
Postsecondary Education Programs: Autocad, Construction Management			
Occupations: Carpenters, Construction and Building Inspectors, Construction Related Workers, Insulation Workers, Painters, Construction and Maintenance, Roofers, Security and Fire Alarm Systems, Woodworking Machine Setters, Operators, and Tenders			

Cluster 02: Architecture and Construction			
Area of Concentration 05: Drafting			
Primary Courses (4 Credits)		Secondary Courses (2 Credits)	
*Adv. Tech. Drafting	CTE Internship	Art I	IBCA
Adv. Wood Technology	Education for Careers or Journey to Careers	Carpentry I	NCCER Carpentry-Ag
*Architectural Drafting		Chemistry	Physics
*Basic Tech. Drafting		Entrepreneurship	Pre-Calculus
Basic Wood Technology		Financial Math	Senior Project
		Fine Arts Survey	Speech I, II
Industry Based Certifications: Autocad, NCCER Carpentry			
Postsecondary Education Programs: Drafting			
Occupations: Architects, Computer Aided Drafter, Engineering Technician, Urban Planner/Designer			

Cluster 03: Arts, A/V Technology, and Communication			
Area of Concentration: Liberal Arts			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
*Art I, II	Fine Arts Survey	Adv. Technical Drafting	Psychology
*Band	Speech I, II	Entrepreneurship	Publications-Yearbook
*Choir	*Theatre I	Financial Math	Senior Project
Education for Careers or Journey to Careers		IBCA	Sociology
Industry Based Certifications: Autocad			
Postsecondary Education Programs: English, Fine Arts			
Occupations: Art, Drama, Music Teachers, Museum Curator, Public Relations Specialist			

Cluster 03: Arts, A/V Technology, and Communication			
Area of Concentration: Performing Arts			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Advanced Band	Piano Class	Art III	Fine Arts Survey
Beginning Band	Publications I, Yearbook	Basic Tech. Drafting	IBCA
Beginning/Adv. Choir	Speech I, II	Basic Wood Technology	Psychology/Sociology
Education for Careers or Journey for Careers	Talented Music I-IV	Customer Service	Speech I
	Talented Theatre I-IV	Entrepreneurship	World Geography
		Financial Math	World History
Industry Based Certifications:			
Postsecondary Education Programs: Dance, Music, Performing Arts			
Occupations: Cinematographers, Film. Video Editors, Composers, Conductors, and Music Instructors, Dancers, Directors and Coaches, Performers, Actors, Musicians, Production Managers, Stage Designers, Lighters, Sets, Sound Effects, Acoustics, Painters			

Cluster 04: Business, Management, and Administration			
Area of Concentration: Administrative Support			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
*Accounting I	Entrepreneurship	Business Educ. Elective	Publications I-Yearbook
*Business Comp. App.	Financial Math	Financial Math	Senior Project
CTE Internship	*IBCA	Pre-Calculus	Sociology
Desktop Publishing	Principles of Business	Psychology	Speech I, II
Education for Careers or Journey for Careers	Speech I, II		World Geography
			World History
Industry Based Certifications: Microsoft Certified Application Specialist, MCAS (Word, Excel, Access, PowerPoint)			
Postsecondary Education Programs: Management and Supervision, Office Administration			
Occupations: Administrative Assistant, Computer Operator, Data Entry Specialist, Desktop Publisher, Executive Assistant, Information Assistant, Office Manager, Receptionist, Word Processor			

Cluster 05: Education and Training			
Area of Concentration: Advanced Studies			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Algebra II	Geometry	Art I	Psychology
Biology II	Physics	Biology Elective	Publications-Yearbook
Chemistry I, II	Pre-Calculus	IBCA	Senior Project
Education for Careers Journey to Careers	Psychology	Law Studies	Sociology
	World Geography		STAR I
Environmental Science	World History		
Fine Arts Survey			
Industry Based Certifications: STAR			
Postsecondary Education Programs: Education, Foreign Language, Math, Science, Social Studies			
Occupations: Historian, Language Interpreter, Mathematician, Scientist, Teacher			

Cluster 05: Education and Training			
Area of Concentration: Education			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Adv. Child Development	Psychology	Algebra II	First Responder
Child Development	Sociology	Art I	IBCA
CTE Internship	Speech I, II	Biology II	Physics
Education for Careers or Journey to Careers	*STAR I, II	Chemistry	Pre-Calculus
		Entrepreneurship	Senior Project
		Financial Math	Speech I, II
		Fine Arts Survey	
Industry Based Certifications: First Responder, STAR			
Postsecondary Education Programs: Education			
Occupations: Child Care Director, College Professor, Early Childhood Teacher Assistant, Elementary Teacher Aide, Preschool or Kindergarten Teacher Aide, Secondary Teacher Aide, Special Education Teacher Aide			

Cluster 05: Education and Training			
Area of Concentration: General Studies			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Accounting I	Entrepreneurship	Automotive Tech. I	Publications-Yearbook
Adult Responsibilities	FACS I, II	Biology Elective	Parenthood Education
Agriscience I, II, III	*Horticulture	Financial Math	Psychology/Sociology
Art I	*IBCA	*NCCER Carpentry	Speech I
*BCA	Parenthood Education	*NCCER Welding-Ag	Star I
Education for Careers or Journey to Careers	Speech I, II	*NCCER Welding-TE	Web Design
Industry Based Certifications: Certified Nursery & Landscape Professional, Horticulture License, Landscape Contractor, Mous/MCASS, NCCER Carpentry, NCCER Welding, STAR			
Postsecondary Education Programs: All Community College and LTC Programs			
Occupations: Carpenter, Hospitality, Information Tech., Nursery/Landscaping, Service Worker, Teacher, Welder			

Cluster 07: Government and Public Administration			
Area of Concentration: JROTC			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Education for Careers or Journey to Careers		Biology II	Physics
	World Geography	Construction Techn.	Pre-Calculus
*Jr. ROTC I-IV		Entrepreneurship	Psychology/Sociology
		Financial Math`	Psychology/Sociology
		First Responder	Senior Project
		IBCA	Speech I
		P.E. III	World Geog./W. Hist.
Industry Based Certifications: First Responder			
Postsecondary Programs: Criminal Justice			
Occupations: Air Defense Artillery Officer, Combat Control Officer, Infantry Officer and Specialist, Military Intelligence Officer, Missile and Space Systems Office, Munitions Officer and Specialist, Submarine Officer			

Cluster 08: Health Science			
Area of Concentration: Emergency Health Care			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
CTE Internship	Health Science I, II	Adv. Nutrition and Food	Physics
Education for Careers or Journey to Careers	CNA	Algebra II	Pre-Calculus
	Psychology	Biology II	Senior Project
*EMT-Basic		Financial Math	Sociology
		Health & P.E. III	Speech I, II
Industry Based Certifications: CNA, EMT-Basic, First Responder			
Postsecondary Programs: Allied Health, Biology, EMT-Basic, Nursing, Paramedic, Pre-Med, Sports Medicine			
Occupations: Athletic Trainer, EMT-Basic, EMT-Intermediate, First Responder, Nursing, Paramedic			

Cluster 08: Health Science			
Area of Concentration: Health Professional			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Biology II	EMT-Basic	Adv. Nutrition and Food	IBCA
Chemistry II	First Responder	Algebra II	Nutrition and Food
CTE Internship	*Health Science I, II	Chemistry	Physics
Education for Careers or Journey to Careers	CNA	Child Development	Psychology
	Pharmacy Technician	Entrepreneurship	Senior Project
		Financial Math	Sociology
		Forensic Science	Speech I, II
Industry Based Certifications: CNA, EMT-Basic, First Responder, Pharmacy Tech.			
Postsecondary Education Programs: Allied, Health, Biology Dental, Microbiology, Nursing, Pharmacy, Pre-Med, Sports Medicine			
Occupations: Health Educator, Health Information Coder, Healthcare Administrator, Lab Tech, Licensed Practical Nurse, Medical Assistant, Patient Advocate, Physician, Physician's Assistant, Psychiatric Tech, Radiology Tech.			

Cluster 08: Health Science			
Area of Concentration: Nursing			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
*CNA	EMT-Basic	Adv. Nutrition and Food	Nutrition and Food
CTE Internship	First Responder	Biology II	P.E. III
Education for Careers or Journey to Careers	*Health Science I, II	Chemistry	Physics
		Child Development	Pre-Calculus
		Entrepreneurship	Psychology
		Financial Math	Senior Project
		IBCA	Sociology
			Speech I, II
Industry Based Certifications: CNA, EMT-Basic, First Responder			
Postsecondary Education Programs: EKG Technician, Nursing, Phlebotomy, Pre-Nursing			
Occupations: Home Health Aide, Licensed Practical Nurse, Nursing Assistant, PCT, Registered Nurse			

Cluster 09: Hospitality and Tourism			
Area of Concentration: Culinary Arts			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
*Prostart I, II	CTE Internship	Accounting I	Principles of Business
Adv. Nutrition and Food	Nutrition and Food	Art I	Psychology
Education for Careers or Journey to Careers		Entrepreneurship	Sociology
		Fine Arts Survey	Speech I, II
		IBCA	
Industry Based Certifications: Prostart			
Postsecondary Education Programs: Culinary Arts, Food Service, Restaurant, Food and Beverage Services			
Occupations: Banquet set-up Employee, Caterer, Cook, Banquet Server, Executive Chief			

Cluster 10: Human Services			
Area of Concentration: Management of Family Resources			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
*Adult Responsibilities	FCS I, II	Accounting I	FCS I
Adv. Nutrition and Food	Financial Math	Algebra II	IBCA
CTE Internship	Nutrition and Food	Business Educ. Elective	Physical Science
Education for Careers or Journey to Careers	*Parenthood Education	Child Development	Pre-Calculus
	Psychology	Entrepreneurship	Senior Project
	Sociology	Environmental Science	Speech I, II
Industry Based Certifications:			
Postsecondary Education Programs: Family and Consumer Science, Human Ecology, Social Science			
Occupations: Certified Financial Planner, Consumer Advocate, Consumer Affairs Officer, Consumer Credit Counselor, Consumer Research Department Representative, Cooperative Extension Specialist, Market Researcher			

Cluster 10: Human Services			
Area of Concentration: Social Services			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Adult Responsibilities	Parenthood Education	Accounting I	IBCA
*Child Development	Psychology	Entrepreneurship	Senior Project
CTE Internship	*Sociology	Financial Math	World History
Education for Careers or Journey to Careers	Speech I, II		
Industry Based Certifications:			
Postsecondary Education Programs: Mental Health Services, Social Work			
Occupations: Marriage, Child and Family Counselors, Psychologists, Social and Human Services Assistant, Social Worker, Sociologists			

Cluster 13: Manufacturing			
Area of Concentration: Welding			
Primary Courses (4 Credits)		Related Courses (2 Courses)	
Agriscience I, II	*NCCER Welding-Ag	Accounting I	IBCA
Basic Tech. Drafting	*NCCER Welding I-TE	Advanced Tech. Drafting	Physical Science
CTE Internship	Welding I	Architectural Drafting	Physics
Education for Careers or Journey to Careers		Construction Technology	Pre-Calculus
		Entrepreneurship	Senior Project
		Financial Math	Speech I, II
		Geometry	
Industry Based Certifications: Autocad, NCCER Welding –Ag, NCCER Welding I-TE			
Postsecondary Education Programs: Apprenticeship, Two-year postsecondary education			
Occupations: Drafting, Welder			

Cluster 14: Marketing, Sales and Services			
Area of Concentration: Entrepreneurship			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
Accounting I	*Entrepreneurship	IBCA	Senior Project
CTE Internship	Financial Math	Psychology	Sociology
Education for Careers Journey for Careers		Senior Applications in Eng.	Speech I, II
Industry Based Certifications: Customer Service			
Postsecondary Education Programs: Business Marketing Operations, Enterprise Management & Operations, Entrepreneurship			
Occupations: Chief Executive Officer, Entrepreneur, Franchisee, Independent Distributor, Small Business Owner			

Cluster 15: Science, Technology, Engineering and Mathematics			
Area of Concentration: Drafting			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
*Advanced Tech. Drafting	CTE Internship	Advanced Wood Tech.	Fine Arts Survey
Architectural Drafting	Education for Careers or Journey to Careers	Algebra II	Geometry
*Basic Tech. Drafting		Art I	IBCA
		Basic Wood Technology	Physics
		Biology II	Pre-Calculus
		Chemistry	Psychology
		Construction Tech.	Senior Project
		Entrepreneurship	Sociology
Industry Based Certification: Autocad			
Postsecondary Education Programs: Architectural Engineering, Drafting & Design, Interior Design, Landscape Arch.			
Occupations: Architectural Engineers, Drafter, Landscape Architect, Mechanical Engineer			
Area of Concentration: Engineering			
Primary Courses (4 Credits)		Related Courses (2 Credits)	
*Advanced Math	Construction Tech.	Accounting I	Financial Math
Advanced Tech. Drafting	CTE Internship	Algebra II	Fine Arts Survey
Architectural Drafting	Education for Careers or Journey to Careers	Architectural Drafting	Geometry
Basic Tech. Drafting		Art I	IBCA
*Biology II	*Physics	Basic Tech. Drafting	NCCER Welding-Ag
*Chemistry II		Basic Wood Technology	NCCER Welding-Tech
		Biology II	Physics
		Chemistry I, II	Psychology
		Earth Science	Senior Project
		Entrepreneurship	Speech I, II
		Environmental Science	World Geography
			World History
Industry Based Certifications:			
Postsecondary Education Programs: Civil Engineering, Computer Engineering, Electronics/Electrical Engineering, Engineering			
Occupations: Architectural Engineer, Chemical Engineer, Civil Engineer, Industrial Engineer, Mechanical Engineer			

INTERNET WEBSITES FOR COLLEGE/POSTSECONDARY PLANNING

College Information

- www.kaplan.com
- www.collegenet.com
- www.collegeboard.org
- www.collegeview.com
- www.collegequest.com

Testing Tips and Information

- www.collegeboard.org
- www.review.com
- www.ets.org
- www.act.org

Financial Aid and Scholarship Sites

- www.finaid.org
- www.salliemae.com
- www.fafsa.ed.gov
- www.fastweb.com
- www.collegemet.com/mach25
- www.osfa.la.gov (has TOPS information)

Miscellaneous Sites

- www.commonapp.org
- www.nassp.org
- www.nacac.com
- www.doe.state.la.us

College Sites

- Louisiana Tech University www.latech.edu
- McNeese State University www.mcneese.edu
- Nicholls State University www.nich.edu
- Northwestern State University..... www.nsula.edu
- Southeastern Louisiana University..... www.selu.edu
- University of Louisiana@Lafayette..... www.louisiana.edu
- University of Louisiana@Monroe..... www.ulm.edu
- Louisiana State University..... www.lsu.edu
- University of New Orleans..... www.uno.edu
- Northshore Technical CC..... www.northshorecollege.edu
- SUNO, BR www.subr.edu
- Delgado..... www.dcc.edu
- Nunez www.nune

AGRISCIENCE

Agriscience I

AG SCI I A; AG SCI I B

Grade 9

1 semester or 1 year elective

This course includes units in animal science, soil science, plant science, agricultural mechanics, food science technology, and agricultural leadership. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, and internships. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

Agriscience II

AG SCI II A; AG SCI II B

Grade 10

1 semester or 1 year elective

Prerequisite: Ag I

This course includes advanced units in animal science, soil science, plant science, agricultural mechanics and agricultural leadership. Work-based learning strategies appropriate for this course are school-based enterprises.

NCCER Welding CORE

NCCER CORE A

Grade 10, 11, 12

1 semester elective

**Dual Enrollment: Northshore Tech CC
IBC available: NCCER CORE**

An introduction to the occupation of welding including facility layout, policies, safety and health procedures, information and practice concerning basic safety, safe operation of hand and power tools, materials handling and maintenance of a safe working environment. Students are introduced to safe welding practices, communication skills, and essential workplace skills. Students will complete the NCCER Core Curriculum.

NCCER Welding I (2 hour block)

NCCER Welding I (DE)A 1 credit elective

NCCER Welding I (DE)B 1 credit elective

Grade 11, 12

Prerequisite: Ag I and II, NCCER CORE

Dual Enrollment: Northshore Tech CC

IBC available: Welding Level I

An introduction to the principles of shielded metal arc welding (SMAW), component and consumable

identification including the safe setup of equipment and practice of welding stinger beads, weave beads, and overlapping beads in various positions using various electrodes. Also includes an introduction to the principles of cutting with an Oxyfuel apparatus, cylinder and equipment safety including practice cutting mild steel and using both manual and machine processes. Students will complete the NCCER Welding Level Industry Based Certification.

NCCER Welding II (2 hour block)

NCCER Wld II (DE) A 1 credit elective

NCCER Wld II (DE) B 1 credit elective

Grade 11, 12

Prerequisite: NCCER Welding I

Dual Enrollment: Northshore Tech CC

IBC available: Welding Level II

An introduction to welding equipment fundamentals of operations, equipment types, safety and systems setup, including welding related equipment connection and a review of tools used in welding procedures. Safety setup and operate SMAW equipment with practice of single and multi-pass fillet welds in the flat, horizontal, vertical, and overhead positions using various electrodes. Students will complete NCCER Welding Level II Industry

Meat Processing

MEAT PROCESS A; MEAT PROCESS B

Grades 11, 12

1 semester or 1 year elective

Prerequisite: Ag II

IBC available: Meat Processing

Students will explore the meat processing industry. Student will receive hands-on instruction in the care and processing of animals into wholesale and retail cuts of meat. Students will understand state and federal regulations regarding meat and meat processing. careers in meat processing.

Students will learn about different careers in meat processing. Sanitation, HACCP, foodborne illness prevention will be a critical component of instruction.

ART

Art I

ART I A; ART I B

Grades 9-12

1 semester or 1 year elective

This course is an introduction to the field of art. Areas of instruction emphasized include laboratory work in sand design, copper tubing, crayon etching, yard painting, decoupage, and art appreciation in its relationship to the history of that period.

Art II

ART II A; ART II B

Grades 10-12

1 semester or 1 year elective

Prerequisites: Art I and teacher approval.

This course provides individual instruction to extend skill and knowledge of the basic principles of art. Student projects will center on oil painting, media exploration, and others.

Art III

ART III A; ART III B

Grade 11, 12

1 semester or 1 year elective

Prerequisites: Credit in Art I & II

This course offers individualized instruction for students who wish to pursue and develop advanced skills in art. The student will explore airbrush painting, advanced oil painting, sculpture, wood burning, silk screening, advanced drawing, stained glass, and special commercial art projects.

Art IV

ART IV A; ART IV B

Grade 12

1 semester or 1 year elective

Prerequisites: Credit Art I, II, & III

Art IV A (Studio Art) helps the serious art student fine tune their creative skills and develop portfolios of quality work for college admissions.

Art IV B (Adv. Sculpture) is a continuation of three dimensional design with the use of clay, paper mache, plaster, wire and relief carving, found object construction, and theatre prop construction.

Fine Arts Survey-Art

FN ART SUR A; FN ART SUR B

Grades 9-12

1 semester

This course is an introduction to visual arts, the development, history, philosophy, elements and principles of art, and the production of artwork in various media. The course partially fulfills the requirements for the TOPS scholarship. It should be taken opposite Fine Arts Survey-Music.

BUSINESS**Accounting I****ACCT I A; ACCT I B****Grades 11-12****1 semester or 1 year elective**

This course is an introduction to basic accounting theory and procedures along with applications of computer technology in accounting. Simulations and projects are provided for application of accounting principles.

Principles of Business**PRIN of BUS A; PRIN of BUS B****Grade 10-12****1 semester or 1 year elective**

This course is an introductory course that provides students with basic business operations skills that can be applied in both personal and professional situations. Emphasis is placed on the exploration and description of basic business concepts and applications. Through business application projects critical-thinking, oral and written communication skills are reinforced in this course.

Entrepreneurship**ENTREPREN A; ENTREPREN B****Grade 11, 12****1 year elective****IBC available: Customer Service**

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 to win customer satisfactions and loyalty. Upon completion, the student will be eligible to test for the National Retail Federation Customer Service Test. Students passing the exam will the National Customer Service Certification.

CAREER EDUCATION**Journey to Careers****JOURNEY CAREER A;****JOURNEY CAREER B****Grade 9****1 year course**

This course investigates the 16 career clusters through classroom discussion, activities and internet E-portal exploration and research to help

students make meaningful decisions about their career choices. Course content will include self-assessment and goal setting, study skills and how to succeed in high school.

Education to Careers**ED / CAREER I S; ED / CAREER II S****Grade 11-12****1 semester required course**

This course investigates the career clusters through classroom discussion, activities and internet E-portal exploration and research to help students make meaningful decisions about their career choices. Course content will include self-assessment and goal setting, study skills and how to succeed in high school.

Internship**INTERNSHIP I A; INTERNSHIP I B****Grade 12****1 year elective**

Prerequisite: Successful completion of Education of Careers class based on intense study in classes in a career cluster

The internship is designed to provide career and technical education for a student, through opportunities to apply learned skills in the workplace. The student has the opportunity to consider a single potential career or combination of careers they may be considering. Emphasis will be placed on developing interpersonal skills, work ethics, relevant skills of the workplace, and an understanding of the selected career field of study.

EDUCATION**STAR I (Students Teaching and Reaching)****STAR I A; STAR I B****Grade 11, 12****1 year elective**

This course is an implementation of the Louisiana Teaching Program for a student who aspires to enter the field of professional education.

Star II**STAR II A; STAR II B****Grade 12****1 year elective****Prerequisite: STAR I**

The Star II is designed to continue the development of teaching skills begun in Star I, emphasizing lesson planning and

assessment development and an opportunity for expanded, meaningful field experiences, including national and state critical shortage areas. Field experience is a component of Star II.

ENGLISH**English I****ENG I A; ENG I B****Grade 9****1 year required**

By using thematic units, the student will be expected to read and respond to various genres including novels, develop vocabulary skills, and write organized, coherent paragraphs as well as multi-paragraph compositions. The student will be instructed on Standard Formal English rules of grammar, mechanics, and usage. Students will also develop speaking, listening, and problem-solving skills. Students will learn and implement research skills in their writing activities.

English I (Honors)**ENG I (H) A; ENG I (H) B****Grade 9****1 year required****By teacher/administrator recommendation only**

By using thematic units, the student will read and respond to various genres including novels and works of non-fiction, develop vocabulary skills, and write organized, coherent multi-paragraph compositions. The student will review Standard Formal English rules of grammar, mechanics, and usage. Students will also develop speaking, listening, and problem-solving skills.

Students will learn and implement research skills in their writing activities, culminating in a research project.

English I (Gifted)**ENG I (G) A; ENG I (G) B****Grade 9****1 year required course*****Gifted Evaluation Required**

This course provides an introduction to different genres, critical analyses, and discussions of those genres. The student will apply actual as well as inferential and evaluative reading skills through the study of literature. Writing assignments will build on the writing process including appropriate use of grammar and mechanics in Standard English usage. Factual as well as inferential and evaluative questioning techniques will be

utilized throughout the study of works of literature. The student will gather and critique samples of their best works in writing portfolios.

English II

ENG II A; ENG II B

Grade 10

1 year required

By following thematic units, the student will read and respond to various genres of literature. Unit instruction will focus on literary analysis as well as grammar skills, writing skills as a process (with an emphasis on expository and persuasive multi-paragraph compositions), speaking, and listening skills. Students will select and evaluate information for a research project on a selected topic to include a variety of resources. Preparation for the End of Course Test will be emphasized through the various activities of the course. **Students are required to take the End of Course Test.**

English II (Honors)

ENG II (H)A; ENG II (H)B

Grade 10

***By teacher recommendation only**

The student will read, analyze, and write multi-paragraph compositions on various genres of literature including poetry, fiction, non-fiction, drama, short stories, and novels. Advanced writing skills will focus upon the expository and persuasive compositions. The student will also focus on grammar, speaking, and listening skills. The student will learn how to research selected topics using MLA format, write a bibliography, write outlines, and organize information into a documented paper, in conjunction with a required research project.

Preparation for the End of Course Test will be emphasized through the various activities of the course. **Students are required to take the End of Course Test**

English II (Gifted)

ENG II (G) A; ENG II (G) B

Grade 10

1 year required course

***Gifted Evaluation Required**

This course provides an overview of world literature, emphasizing contemporary literature in order that students may focus on identifying critical literary devices. The student will read a selection of world literature in the genres of poetry, short stories, fiction, nonfiction, drama, and novels. The student will read, discuss, and analyze

major types of essays in order to write original samples of the major types of essays, with an emphasis on the expository and persuasive. Communication and research skills will be developed through the writing and oral presentation of a research project. **Students are required to take the End of Course Test**

English III

ENG III A; ENG III B

Grade 11

1 year required course

This course includes a survey of American literature from Colonial times to modern times. Writing and grammar skills will be emphasized throughout the course. The student will research and write a research paper from selected topics. In this course, there is an emphasis in developing critical thinking and analytical skills as well as students' additional readings and writings.

Students are required to take the End of Course Test

English III AP

AP ENG III A; ENG III B

Grade 11

***By teacher recommendation only**

This course will engage students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes, enabling students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. The intensive concentration on language use will enhance ability to use grammatical conventions both appropriately and with sophistication and to develop stylistic maturity. The depth and breadth of reading and writing is beyond that of high school honors courses. **Students that enroll in an AP course are required to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP Exam.**

English IV

ENG IV A; ENG IV B

Grade 12

1 year required course

This course includes a survey of British literature from the Anglo-Saxon period through the modern times. It emphasizes critical reading of the material as well as instruction on various

modes of writing. **Students must complete the requirements of the Senior Project, which include research on a selected topic, writing of a research paper, working with a mentor, an oral presentation on the topic, and a product resulting from the project.**

English IV (Honors)

ENG 4 (DE) (H) A; ENG 4 (DE) (H) B

Grade 12

1 year required

*** By recommendation only**

Dual Enrollment: Nunez CC

This course is taught as a dual enrollment course with students receiving both English IV Honors credit and college English 1010/1020 (English Composition I/II) through Nunez Community College. This course emphasizes expository writing and readings as well as argumentative writing. This is an introductory course in writing for those students who demonstrate the ability to write at the expected college level. Students must score at least 18 on ACT and have teacher recommendation in order to enroll. Students will also study major writings in a survey of British Literature. Students must meet academic criteria by college.

Senior Applications in English

SR APPS ELA A; SR APPS ELA B

Grade 12

1 year required; by recommendation only

No four-year college in LA will accept Sr.

Apps. in ELA in place of English IV.

This course is designed to provide the student with communication tools and skills they will need on the job. It provides the through training necessary to help students develop competence in each of the communication skills: Reading, writing, speaking, and listening. Vocabulary, grammar, spelling, and writing skills are emphasized throughout the year. **Students must complete the requirements of the Senior Project, which includes research on a selected topic, writing of a research paper, working with a mentor, an oral presentation on the topic, and a product resulting from the project.**

Reading I

READ I A; READ I B;

Grades 9

1 year elective

This course is designed to help the student improve their vocabulary and reading comprehension by using on-line

software. This course helps the student develop the skills, habits, and attitudes that will result in more effective reading and studying. Topics include word analysis, vocabulary development, and comprehension techniques.

Reading II

READ II A; READ II B

Grades 10-11

1 year elective

This advanced reading course is designed to help the student improve their vocabulary and reading comprehension by using on-line software. The course helps the student develop the skills, habits, and attitudes that result in more effective reading and studying. Topics include word analysis, vocabulary development, and comprehension techniques.

Speech I

SPEECH I A; SPEECH I B

Grades 9-12

1 semester or 1 year elective

Recommended: "C" average in English

The first semester of this course provides the student with the fundamentals of oral communication. The following units of study will be covered in the first semester: interpersonal communication, public address, and group discussion.

The second semester is a complete survey for the student who is interested in the major disciplines of theater: technical (stagecraft), play production (directing), and acting styles and methods.

Speech I Dual Enrollment

SPEECH I (DE) A

Dual Enrollment: Nunez CC

This Dual Enrollment course requires the student to qualify with a PLAN score or ACT score in order to be accepted in the college course. The first semester of this course provides the student with the fundamentals of oral communication. The following units of study will be covered in the first semester: interpersonal communication, public address, and group discussion

Speech II

SPEECH II A; SPEECH II B

Grades 11-12

1 semester or 1 year elective

Recommended: "C" average in English

The focus of this class is on public speaking and presentation skills. Students in Speech II refine the skills

they learned in Speech I and expand on their public speaking ability. Speech II students give four formal speeches during the year, develop presentations on communication topics, and present those topics to the class. This class is assessed using graded class work, speeches, presentations, and tests.

ACT PREP

ACT PREP S

Grades 11-12

1 semester elective

This course is designed to help students prepare for the ACT college entrance test. The students will learn test-taking strategies as well as gain experience with computer-based tutorials. Participation in sample tests and practice assignment are required on a daily basis.

FAMILY AND CONSUMER SCIENCES

Family and Consumer Sciences I

FAM & CONS SCI I A; FAM & CONS SCI I B

Grades 9-12

1 semester or 1 year elective

This course examines multiple life roles and responsibilities of individuals and family members. The focus is on the areas of personal and family living, wellness nutrition and foods, financial management, living environments, community ties, and transferring school skills to life and work. **Laboratory experience and fee required.**

Adult Responsibilities

ADULT RES S

Grades 11-12

1 semester elective

This course focuses on developing necessary skills to meet the demands of the first five years following high school graduation and beyond. Students focus on facing the realities of transitioning into adulthood lives in an ever-changing world. This course promotes further development of relationship skills, health and wellness habits, career opportunities review, community responsibilities, handling money and credit wisely, managing stress productively, and resolving conflict.

Child Development

CHILD DEV S

Grades 11- 12

1 semester elective

The student will study the physical, intellectual, social, emotional growth, and development of children from birth to early childhood. Topics will include

prenatal development; preparation for birth, and the birth process; impacts of heredity, environment, and family on the development of the child; and meeting children's needs for food, clothing, shelter, and care. Emphasis is on teaching students how to create an environment for children that will promote optimum development.

Nutrition and Food

NUTR & FOOD S

Grades 10-12

1 semester elective

This course provides the student with basic nutrition, wellness knowledge, and basic food preparation skills. Emphasis is placed on food preparation, kitchen and meal management, and the relationship of diet to health. Topics of study include nutrition, meal planning, food labeling, safety and sanitation, kitchen equipment, measuring, use of recipes, and consumer skills. **Laboratory experience and fee required.**

Advanced Nutrition and Food

ADV NUTR & FOOD S

Grades 10-12

1 semester elective

Prerequisite: 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. This course also makes the transition from prepared cooking to recipe cooking. **Laboratory experience and fee required.**

ProStart I (2 hour block)

PROSTART I A 1 credit elective

PROSTART I B 1 credit elective

Grades 11 – 12

1 year elective

Prerequisites: Nutrition & Foods and advanced Nutrition & Foods

Dual Enrollment: NT CC

IBC available: ServSafe

This course is the first of a two year program that prepares student for careers in the restaurant/food service industry. Topics covered include customer service, food and kitchen safety, foodservice equipment, nutrition, business math, control of food service costs and career preparation and development.

All students must take the national certification exam at the end of the course.

Prostart II (2 hour block)**PROSTART IIA 1 credit elective****PROSTART II B 1 credit elective****Grade 12****1 year elective****Prerequisite: Prostart I****Dual Enrollment: NTCC**

The second of a two year program that prepares a student for careers in culinary, restaurant and food service industry. Topics include nutrition, cost control, marketing, and preparation in areas of breakfast, sandwich, salad, pastry, meat and poultry plus any other areas dictated by the National Restaurant Assn. or the LA Restaurant Assn. All students are required to take the national certification exam as well as accumulate 400 culinary/restaurant/food service work hours to receive a COA.

FOREIGN LANGUAGE

The Foreign Language Program focuses on providing sequential progress toward the acquisition of the four basic skills – oral understanding, speaking, reading and writing and on promoting a deeper understanding and appreciation of foreign cultures. **TOPS requires two (2) years of foreign language in the same language.**

French I**FRENCH I A; FRENCH I B****1 year elective****Grades: 10-12****Recommendations: Students should have a “C” average or better in Regular English.**

This course is a beginning course in French for a student with little or no knowledge of French. All appropriate elements of basic language learning activities are utilized for providing a foundation in the language and culture of French speaking people. The emphasis is on speaking and listening skills. **TOPS requires two (2) years of foreign language in the same language.**

French II**FRENCH II A; FRENCH II B****1 year elective****Grades: 10-12****Prerequisite: French I**

This course is a continuation of French I training in pronunciation, vocabulary building and basic grammar. There is a continued emphasis on conversation, with additional emphasis on writing and

cultural reading. French II and III will be offered as a combination class. **TOPS requires two (2) years of foreign language in the same language.**

Spanish I**SPAN I A; SPAN I B****Grades: 10-12****Recommendation: Students should have a “C” average or better in Regular Placement English.**

This is a beginning course in Spanish for a student with little or no knowledge of Spanish. All appropriate elements of basic language learning are utilized for providing a foundation in the language and culture of Spanish-speaking people.

TOPS requires two (2) years of foreign language in the same language.**Spanish II****SPAN II A; SPAN II B****1 year elective****Grades: 10-12****Prerequisite: Spanish I**

This course is a review and extension of Spanish I and includes a study of selected literary readings vocabulary building and basic grammar. **TOPS requires two (2) years of foreign language in the same language.**

HEALTH SCIENCE**Health Science I****HS I OCCUP A; HS I OCCUP B****Grades 10-11****1 year elective**

An introductory course for a student who wishes to pursue a career in one of the medical/health related occupations. Emphasis is placed on medical terminology, anatomy/physiology, infection control, safety, and accident prevention, as well as personal health information.

Health Science II:**Medical Terminology****HS II MED TE (A); HS II MED TE (B)****HS M TR (DE) A; HS M TR (DE) B****Grade 11-12****1 year elective****Prerequisite: Health Science I****Dual Enrollment: Northshore Tech CC**

This course integrates chemistry, microbiology, chemical reactions, disease processes, growth and development, and genetics, with anatomy and physiology of the body systems.

Certified Nursing Assistant (CNA)**NURSE ASST (DE) A; 1 credit elective****NURSE ASST (DE) B: 1 credit elective (2 hour block)****Grade 12****Prerequisite: Health Science I & II****Dual Enrollment: Northshore Tech CC Industry-Based Certification**

This course is designed to prepare the student as a certified nursing assistant for jobs in a hospital, nursing home, or other health care facility. **Certification may be achieved following successful completion of the course work and clinical experience at the Louisiana Technical College.**

EKG & Body Functions**NA/EK/P (D) B****Grade 12****1 CREDIT elective (2 hour block)****Dual Enrollment: Northshore Tech CC**

This course is designed to give the student an introduction to electrocardiogram (EKG) purposes and procedures. Students gain knowledge regarding the normal structures and functions of the heart with emphasis on the conduction system. A supervised lab portion is an integral portion of this course. Following successful completion of the course the student will be able to gain employment in a variety of health care settings. **This is a dual enrollment class taught by Northshore Technical Community College.**

Emergency Medical Technician I**EMT (DE)(1) A; 1 credit elective****EMT (DE)(1) B: 1 credit elective (2 hour block)****Grade 12****1 year elective recommendation course****Dual Enrollment: Northshore Tech CC IBC available: EMT**

This course is designed to provide the student with advanced instruction to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Topics include: anatomy and physiology, disease processes, assessment and patient stabilization, and proper use of equipment. **This is a dual enrollment class taught by Northshore Technical College**

First Responder**FRST RESP A; FRST RESP B****Grade 11, 12****1 year elective****Prerequisite: Health Science I & II****Dual Enrollment: NTCC**

Industry-Based Certification: EMR

This course is designed to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Topics include: airway management, hemorrhage control, bandaging, simple spinal immobilization, and simple splinting and infection control.

**INFORMATION/COMPUTER
TECHNOLOGY**
Introduction to Business Computer Applications (IBCA-A)
INT BCA A;
Grade 9-12
1 semester
IBC Available

This course places emphasis on learning core concepts in applications associated with the Microsoft Office Suite. This class participates in real world business simulations and students gain experience using Smart Board technologies, digital cameras, scanners, printers and more. Students should be prepared for **industry based certifications in Microsoft WORD and PowerPoint.**

Introduction to Business Computer Applications (IBCA-B)
INT BCA B
Grades 9-12
1 Semester
IBC Available

This course offers a focus in Microsoft Office Applications as well as Internet Technologies including research techniques, Internet safety, critically evaluating a website and more. Students should be prepared for industry based certifications in Microsoft Excel and Access.

Broadcasting I
BROADCAST A; BROADCAST B
Grade 11, 12
1 semester or 1 year elective

This course is designed to teach students communication through broadcasting. The following skills will be taught: writing, directing, producing, anchoring, filming, and editing.

MATHEMATICS

Students are placed in mathematics classes based on their ability in computation and problem solving, on achievement test scores, grades,

teacher recommendation and/or on students' commitment.

Math Skills
MATH SKL I A; MATH SKL I B
Grade 9
1 year course
***Recommended by Teacher/Admin**

This course is designed for the student who has **extreme difficulties with math.** It is for a student who scored low approaching basic on the LEAP or has poor math grades due to lack of understanding. This course will count as an elective.

Algebra I, Part 1
ALG I PT 1 A; ALG I PT 1 B
Grade 9
1 year required course
***Recommended by Teacher/Admin**

This course is designed for the student who has **extreme difficulties with math.** It is for a student who scored low approaching basic on the LEAP or has poor math grades due to lack of understanding. It covers the 1st semester of Algebra I in two semesters.

Algebra I, Part 2
ALG I PT 2 A; ALG I PT 2 B
Grade 10
1 year required course
Prerequisite: Must have passed Algebra I Part 1

This course is designed for the student who has **completed Alg I Part 1.** Instruction focuses on the 2nd semester content from Algebra I and geometry concepts. **Students are required to take the Algebra I End of Course Test.**

Algebra I
ALG I A; ALG I B
Grade 9
1 year required course

This course is designed to prepare the learner for all mathematical courses. This includes using expressions and variables, adding, subtracting, multiplying, and dividing rational numbers, using squares and square roots, solving equations, graphing, using proportions, solving inequalities, and using polynomials. **Students are required to take the End of Course Test**

Algebra I (Honors)
ALG I (H) A; ALG (H) B
Grade 9
1 year required course
By recommendation of teacher and/or administrator only

This course is designed for a student whose mathematics background indicates the ability to work at an advanced level and meet the pre-requisite requirements. The course covers all topics presented in regular Algebra I but in greater depth. More emphasis is placed on theory and word problems. **Students are required to take the End of Course Test**

Geometry
GEOM A; GEOM B
Grades 10-11
1 year required course
Prerequisite: Must have passed one semester of Algebra I

This course is a practical understanding of geometric concepts. This includes measuring and using angles, line segments, triangles and other polygons, circles, area, and volume while interjecting logic and mathematical reasoning. **Students are required to take the End of Course Test**

Geometry (Honors)
GEOM (H) A; GEOM (H) B
Grades: 10-11
1 year required course
Requirement: "B" average in Algebra I

This course is designed for the student with the ability to work at an advanced level and meet the pre-requisite requirements. The course covers all geometric concepts discussed in an average geometry class with a larger emphasis on logic and math reasoning at a mastery level. This will include proofs, more complex problems, and additional concepts such as sine waves. **Students are required to take the End of Course Test.**

Geometry (Gifted)
GEOM (G) A; GEOM (G) B
Grades: 9-10
1 year required course
***Gifted Evaluation Required**

This course is for the gifted math student. It introduces deductive and inductive reasoning through the writing of proofs. Properties of two and three-dimensional figures are explored. Coordinate and transformational geometry are used as a link between algebraic and geometrical concepts. These concepts will be developed through in-depth problem solving, acceleration, use of technology, real world applications, research, and presentations. Additionally, this course will encourage a student to

communicate these mathematical concepts in both written and oral formats. **Students are required to take the End of Course Test**

Algebra II

ALG II A; ALG II B

Grades: 10-12

1 year elective

Recommendation course: "C" average or better in Algebra I

This course includes working with: properties of real numbers; sets and set notation; equations and inequalities; graphing; systems of sentences; relations and fractions; rational expressions; radicals and quadratic functions; complex numbers and quadratic equations; conic sections; and exponential and logarithmic functions. **This course is required for TOPS.**

Algebra II (Honors)

ALG II (H) A; ALG II (H) B

Grades: 10-12

1 year elective

Recommendation course: "B" average or better in Algebra I and Geometry

This course is designed for the student whose mathematics background indicates the ability to work at an advanced level and meet the pre[requisite requirements. This course covers all topics presented in average Algebra II but in greater depth. More emphasis is placed on theory, derivations, and word problems.

Algebra II (Gifted)

ALG II (G) A; ALG II (G) B

Grades: 10-11

1 year elective

***Gifted Evaluation Required**

This course offers the gifted student a sound development of the structure of the real number system through discussion of number sentences, relations and linear, polynomial, and quadratic fractions. The student will investigate the nature of number systems by studying the complex number systems. Work with sequences and series, probability, and matrices provide an important extension to the scope of the student's mathematical experiences. Algebra II (G) is for the gifted student who is characterized by compacting, acceleration, in-depth by compacting, acceleration, in-depth problem-solving, and individualized pacing.

Math Essentials

MATH EST A; MATH EST B

Grades 10-12

Prerequisite: Algebra I

This course builds upon conceptual understanding and foundations found in algebra and geometry. Topics include: ratio, proportion, probability, statistics, geometry of two and three dimensional objects, right triangle geometry and trigonometry, linear functions, special non-linear functions, quadratic functions, and other foundational math topics. **This course does not count for TOPS.**

Financial Math

FIN MATH A; FIN MATH B

Grades: 11-12

1 year elective

Financial math is designed to provide a comprehensive review of fundamental principles using whole numbers, common fractions, and decimals with emphasis on percentages. The course includes calculations regarding selling, buying, commissions, profits, discounts, income tax preparation, banking procedures, consumer information, and other topics pertinent to business transactions.

Pre-calculus (Honors)

PRE CALC A; PRE CALC B; AM

Grades: 11-12

1 year elective

Prerequisite: Algebra I, Geometry, Algebra II or presently enrolled in Algebra II-teacher recommendation only.

The first semester includes topics from trigonometry such as the unit circle, trig graphs, solving triangles and trig equation. The second semester covers many Algebra II topics in more depth. These include sequence and series, exponential, logarithmic, polynomial and rational functions.

Pre-calculus (Honors) Dual Enrollment

PRECA(DE)(H) A; AM PRECA(DE)(H) B

Grades: 11-12

1 year elective

Prerequisite: Algebra I, Geometry, Algebra II

Dual Enrollment: Nunez CC

*** Students must have a math score of 19 on PLAN or ACT.**

In addition to high school credit, this course offers a student an opportunity to receive six semester hours of college credit. During the first semester, the course covers: sets, algebra of numbers

as a logical system, operations of real numbers, inequalities, absolute values, coordinate systems, linear and quadratic functions, binomial theorem, mathematical induction, polynomial, inverse, exponential and logarithmic functions, complex numbers, conic sections, and partial fractions. In the second semester, the course covers the development and use of circular function, trigonometric identities and equations, radian measure, graphic representation of trigonometric functions, inverse functions, polar coordinates, limits, and continuity.

Calculus (Honors) Dual Enrollment

CALCULUS (H) A; CALC (DE)(H) B

Grades: 11-12

1 year elective

Prerequisite: Algebra I, Geometry, Algebra II, and Pre-calculus.

Dual Enrollment: Nunez CC

*** Students must have a math score of 19 on PLAN or ACT.**

This course covers functions and models, limits (from graphical, numerical, and algebraic points of view), continuity and differentiability, derivatives of functions, applications of differentiation, integration, definite integrals, applications of integration, inverse functions, and techniques of integration.

MUSIC

Advanced Band

ADV BAND A; ADV B

Grades 9-12

1 semester or 1 year elective

This course is open to any interested student. The music ranges from traditional to contemporary with an emphasis on major components including woodwind, brass and percussion. Band is a co-curricular course, both academic and extra-curricular. **This means that part of the requirement for successfully completing the course requires participation in all rehearsals, football games, parades, and after school rehearsals.**

General Music/(Chorus)

GEN MUSIC A; GEN MUSIC B

Grades: 9-12

1 semester or 1 year elective

The choral member must be a well-disciplined, hardworking individual who wishes to broaden his/her musical background and abilities. This course will

include singing, diction, phrasing, breathing and intonation. The student's grade is determined by classroom, performance participation, and by continuous musical achievement. ***The student must participate in various performances throughout the school year including a Christmas program and a Spring program.**

Piano Class

PIANO CL A; PIANO CL B

Grades: 9-12

1 semester or 1 year elective

This course is designed for beginning students with no previous keyboarding instruction in a private or studio setting. Students will learn basic music theory. Piano skills and the introduction of the history of the piano and literature will be covered.

Fine Arts Survey-Music

FN ART SUR A; FN ART SUR B

Grades: 10-12

1 semester elective

This course is a non-technical introduction to various facets of music; basic terms and concepts; and personalities and history of music and dance. This course partially fulfills the requirements of the TOPS scholarship. It should be taken opposite Fine Arts Survey-Art.

NAVAL SCIENCE/ JUNIOR ROTC

Naval science courses can provide significant benefits to any qualified student, regardless of whether he or she plans to go on to college, go to work, or join one of the military services after graduation. Interesting academic work is accompanied by practical leadership, and personal development opportunities.

There is no obligation either to continue the programs at Pearl River High School or to be involved with the nation in any way after graduation. Opportunities for school service, interesting field trips, early leadership positions and numerous extracurricular activities are available. Completion of the course makes a student eligible for advanced standing in any of the military service and significant assistance is given to those students interested in completing for fully paid college ROTC scholarships or service academy appointment. **Completion of Junior**

ROTC I and II may be substituted for PE I and II, and Health to satisfy state graduation requirements.

JROTC I

JR ROTC I A; JR ROTC I B

Grades 9 – 12

1 semester or 1 year elective

Junior ROTC an introductory course in Naval Science that stresses leadership, se power, history, maritime customs and skills, and health education. A uniform is worn once a week in school on drill day.

This uniform is provided for the student's use at no charge.

Extracurricular activities are normally available to all who wish to participate. These activities can include NRA sanctioned rifle and air pistol marksmanship programs; both boys' and girls' exhibition marching drill teams; ceremonial color guard, drum and bugle corps; and numerous other sports and social activities. Almost all expenses associated with these activities, field trips, and related equipment, are taken care of by fund raising by the ROTC Club. This course may be substituted for PE I.

JROTC II

JR ROTC II A; JR ROTC II B

Grades 10 – 12

1 semester or 1 year elective

Prerequisites: JROTC I and approval of the Naval Science instructor.

Junior ROTC II continues the development of leadership and maritime related skills introduced in Junior ROTC I. Included are several new topics: extensive looks at oceanography, world affairs and first aid. Advanced field trips are scheduled where possible and a student remains eligible for all extracurricular activities mentioned under Junior ROTC I. **Students taking Naval Science I and II fulfill the Health Education and PE requirement for graduation.**

JROTC III

JR ROTC III A; JR ROTC III B

Grades: 11, 12

1 semester or 1 year elective

Prerequisites: JROTC II and approval of the Naval Science Instructor.

Junior ROTC III involves advanced leadership and management training with students in the course charged with leadership and administration of the Cadet Company and extracurricular programs. Classroom topics include, but are not limited to, sea power, naval history (World War II), meteorology,

astronomy, electricity and survival training. Advanced field trips are scheduled where possible and a student remains eligible for all extracurricular activities mentioned in ROTC I.

JROTC IV

JR ROTC IV A; JR ROTC IV B

Grade 12

1 semester or 1 year elective

Prerequisites: JROTC III and approval of the Naval Science Instructor.

Junior ROTC IV involves advanced leadership and management training. Self study in the subjects of naval weapons, tactics, logistics, military justice, naval history and other topics contained in the Naval Science IV text will be required of a student enrolled in this advanced course.

HEALTH & PHYSICAL EDUCATION

Health Education

HEALTH ED S

Grades: 9, 10

1 semester required course

Health is required in accordance with recommendations of the State Department of Education. Instruction in this unit includes the study of nutrition, personal health, safety and first aid, CPR, substance abuse, communicable and non-communicable diseases. This course covers the following topics: CPR, nutrition, personal health, consumer health, environmental and community health, and communicable and non-communicable diseases.

The student who is enrolled in PE is required to dress out daily and participate in the instructional activities.

Physical Education I

PHY ED I A; PHY ED II B

Grades: 9-10

1 year required course

This course is designed to expose the student to activities useful as lifetime recreational pursuits or as a continuing fitness aid. The course consists of the following required units: flag football, softball, physical fitness track and field, golf and a minimum of one elective team sport.

Physical Education II**PHY ED II A; PHY ED II B****Grades: 9-12****1 semester or 1 year required course**

This course focuses on preparing individuals in a participating role in a wide variety of sports and leisure activities important in achieving and maintaining a healthy life-style. Units in physical fitness, tennis, and an elective team sport are required in this course.

Physical Education III**PHY ED III A; PHY ED III B****Grades: 11-12****1 semester or 1 year elective**

One semester will develop and improve participation skills and techniques in a variety of team and individual games and dance activities with emphasis on leadership, sportsmanship, and respect for officials, decisions and rules.

The other semester will help each student become involved and adopt a personal lifestyle of regular physical fitness. A student will identify and control all of the components of fitness.

Physical Education IV**PHY ED IV A; PHY ED IV B****Grades: 11-12****1 semester or 1 year elective**

This course consists of improving participation skills and techniques in a variety of sport activities with emphasis on leadership, sportsmanship and growth of self-confidence. This course also provides instruction aimed at improving and maintaining physical fitness for a healthy lifestyle.

SCIENCE***All courses will require lab fee****Physical Science****PHY SCI A; PHY SCI B****Grade 9****1 year required course**

This course includes the study of chemistry, work, machines, heat, sound, light, electricity, lab procedures, and the use, conservation and measurement of matter and energy.

Physical Science (Honors)**PHY SCI (H)A; PHY SCI (H)B****Grade 9****1 year required course**

This course is designed to prepare a student for high school chemistry and physics. It is also designed to equip a

student with basic concepts, principals, laws, and theories of physical science, as well as experience the practice of lab techniques.

Biology**BIO A; BIO B****Grades: 10-12****1 year required 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 lab 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 animal anatomy and physiology in the higher orders. **Students are required to take the End of Course Test**

Biology (Honors)**BIO (H) A; BIO (H) B****Grades: 10-12****1 year required course****Recommendation Course****Recommended: Successful completion of Algebra I and Physical Science**

This course relies heavily on lab work and the development of critical reasoning of students. The first semester includes a study of basic cell structure, genetic continuity and a survey of algae, protozoan, and ecology. The second semester deals with the study of diversity among animals, plants, human anatomy, physiology, and microbiology. **Students are required to take the End of Course Test**

Biology (Gifted)**BIOLOGY (G) A; BIOLOGY (G) B****Grades: 10-12****1 year required course****Recommendation Course:*****Gifted Special Education Evaluation**

This course relies heavily on lab work and the development of critical reasoning in students. The first semester includes a study of basic cell structure, genetic continuity and a survey of algae, protozoan, and ecology. The second semester deals with the study of diversity among animals, plants, human anatomy, physiology, and microbiology. **Students are required to take the End of Course Test**

Biology II**BIOLOGY II A; BIOLOGY II B****Grades: 11-12****1 semester or 1 year elective****Prerequisite: Students must have completed Biology I**

This course, study of the fundamental concepts of human anatomy and physiology, is designed to meet the needs of a student who wishes to study in an area of biological interest or for those who intend to enter a health related profession. Topics studied will include cellular metabolism, cellular specialization, body organization, nutrition, digestion, gas exchange, circulation, body defenses, urinary system, nervous coordination, sensory perception, chemical coordination, and human life cycle. Completion of chemistry and teacher recommendation is required.

Biology II (Honors)**BIOL II (H) A; BIOL II (H) B****Grades: 11-12****1 semester or 1 year elective****Prerequisite: Students must have completed Biology and Chemistry with at least a "B" average.**

This course, a study of the fundamental concepts of human anatomy and physiology, is designed to meet the needs of a student who wishes to study in an area of biological interest or for those who intend to enter a health related profession. Topics studies will include cellular metabolism, cellular specialization, body organization, nutrition, digestion, gas exchange, circulation, body defenses, urinary system, nervous coordination, sensory perception, chemical coordination, and human life cycle. Completion of chemistry and teacher recommendation is required.

Chemistry**CHEM A; CHEM B****Grades: 11-12****1 year elective****Recommendation: The student planning to take chemistry must have taken or be taking Algebra II and should have at least a "C" average in all math and science classes.**

In this course, demonstrations and problem solving are stressed. Some topics included are: scientific notation and measurement, the mole concept, formulas, balancing of equations, atomic structure, chemical reactions, solutions

and equilibrium. **This course is required for TOPS.**

Chemistry (Honors)

CHEM (H) A; CHEM (H) B

Grades: 11-12

1 year elective

Recommendation: "C" or better average in all honors science and math courses.

Algebra II or higher should be taken

con-currently. Teacher

recommendation required.

This college preparatory course is recommended for the above average student who plans to continue in the field of science and who has a strong background in math and Honors Physical Science. Combining the theories and concepts of chemistry with practical application, this lab-oriented course is designed to develop analytical and critical thinking skills.

Chemistry (Gifted)

CHEM (G) A; CHEM (G) B

Grades: 10-11

1 year elective

Recommendation course: Special Education Evaluation

This course stresses lab experiences, demonstrations, and problem solving. Topics will include in-depth coverage of topics offered in the honors as well as molecular orbital models, redox chemistry, and organic chemistry. This course is equivalent to approximately 1 semester of college chemistry. Gifted classes are characterized by compacting, acceleration, and in depth study of concepts. This course will include individualized projects and requirements.

Chemistry II (Honors)

CHEM II (H) A; CHEM II (H) B

Grades: 11-12

1 year elective

Requirement: Must have or be taking Algebra II

This course is designed for the student who plans to major in a science of science related field in college. Lab experiences, demonstrations and problem solving are stressed. Topics will include in-depth coverage of those topics offered in the non-science major course as well as an introduction to organic chemistry.

Chemistry II Advanced Placement)

CHEM II (AP) A; CHEM II (AP) B

Grades: 11-12

1 year elective

Requirement: Must have or be taking Algebra II

This course is designed for the student who plans to major in a science of science related field in college. Lab experiences, demonstrations and problem solving are stressed. Topics will include in-depth coverage of those topics offered in the non-science major course as well as an introduction to organic chemistry. **Students that enroll in this AP course are required to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam.**

Environmental Science

ENV SCI A; ENV SCI B

Grade 11 - 12

1 year required course

This course is designed for a student who does not plan to major in the sciences. It 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.

Physics (Honors)

PHYSICS (H)A; PHYSICS (H)B

Grade 12

1 year elective

Prerequisite: Students must have completed Algebra II and Chemistry and it is recommended that Pre-calculus be taken concurrently.

This course is recommended for college bound students planning to major in fields other than science or engineering. This course stresses an understanding of basic physics laws with a moderate emphasis on problem solving. Topics to be covered include motion, force, work, and various forms of energy.

Physics (Advanced Placement)

PHYSICS B (AP) A;

PHYSICS B (AP) B

Grade 12

1 year elective

Prerequisite: Students must have completed Algebra II and Chemistry with at least a "C" average and it is recommended that Precalculus be taken concurrently.

This course is designed for the student who is planning to major in science or engineering in college. It is a lab-based course which deals with applications of

the natural laws and problem solving.

Topics to be covered include motion, force, work, energy, light, sound, electricity, and magnetism. **Students are required to take the AP Exam and are responsible for the cost of the AP exam.**

SOCIAL STUDIES

World Geography

WLD GEOG A; WLD GEOG B

Grade 9

1 year required course

This course is a study of world physical 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 (Honors)

WLD GEOG (H) A; WLD GEOG (H) B

Grade 9

1 year required course

This course is a study of world physical 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. Selected topics will be covered in depth, and critical thinking and writing skills will be emphasized.

World Geography (Gifted)

WLD GEOG (G) A; WLD GEOG (G) B

Grade 9

1 year required course

***Gifted Evaluation Required**

This course is a study of world physical 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. Selected topics will be covered in depth, and critical thinking and writing skills will be emphasized.

Civics

CIVICS A; CIVICS B

Grade 10

1 year required course

This course is a study of the rights, duties and privileges of citizenship in American society with focus on the structure and function of the federal, state and local governments.

Civics (Honors)

CIVICS (H) A; CIVICS (H) B

Grade 10

1 year required course

This course is an in depth study of the rights, duties and privileges of citizenship

in American society with focus on the structure and function of the federal, state and local governments. Students will examine the Constitution and Bill of Rights.

Civics (Gifted)

CIVICS (G) A; CIVICS (G) B

Grade 9

1 year required course

***Gifted Evaluation Required**

This survey course includes an examination of the role of the American citizen in a democratic society, stressing the historical foundations of our democratic form of government. The student will incorporate the use of in-depth reading, research, critical analysis of historical events, and in-depth discussions. With the completion of the course, the student should be aware of his/her importance as a functioning member of a democratic society.

American History

AM HIST A; AM HIST B

Grade 11

1 year required course

This course is a survey course that examines American history from the Reconstruction period to present. Emphasis is on the development of historical concepts through basic readings and historical research.

Students are required to take the End of Course Test

American History (AP)

AP AM HIST A; AP AM HIST B

Grade 11

1 year required course

AP History is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. It is a two-semester survey of American history from the age of exploration and discover to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. **Students that enroll in an AP course are required to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP Exam.**

World History

WLD HIST A; WLD HIS B

Grades: 10-12

1 year elective course

This is a survey course that examines world history from the Renaissance to the Industrial Revolution during the first semester. The second semester will include events from the Industrial Revolution to the present.

World History (AP)

AP WLD HIST A; AP WLD HIS B

Grades: 10-12

1 year elective course

Teacher recommendation required

This is a survey course that examines world history from the Renaissance to the Industrial Revolution during the first semester. The second semester will include events from the Industrial Revolution to the present. **Students that enroll in an AP course are required to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP Exam.**

Psychology

PSYCHOLOGY A

Grades: 11-12

1 semester elective

This introductory course includes topics such as learning, memory, sensation and perceptions, personality, life-span development, psychological disorders, figures in psychology, the use of scientific method, and career fields related to psychology.

Psychology/Dual Enrollment

PSYCH (DE) (H) A;

Grades: 11-12

1 semester elective

Dual Enrollment: Nunez CC

***Student must score 18 on the English component of the PLAN or ACT to be eligible for this Dual Enrollment course.**

This introductory course includes topics such as learning, memory, sensation and perceptions, personality, life-span development, psychological disorders, figures in psychology, the use of scientific method, and career fields related to psychology.

Sociology

SOCIOLOGY A

Grades: 11-12

1 semester elective

This social science course deals with the study of groups, society, and human relationship. Emphasis is placed on the

study of social institutions and current social problems.

Sociology/Dual Enrollment

SOCIO (DE) (H) A

Grades: 11-12

1 semester elective

Dual Enrollment: Nunez CC

***Student must score 18 on the English component of the PLAN or ACT to be eligible for this Dual Enrollment course.**

This social science course deals with the study of groups, society, and human relationship. Emphasis is placed on the study of social institutions and current social problems.

TECHNOLOGY EDUCATION

All classes listed under the Technology Education are Dual Enrollment classes with the Northshore Technical College. ***This allows the student to earn high school and college credit which leads to certification opportunities if the student meets qualifications.***

Basic Technical Drafting/Dual Enrollment

BAS T DRAF (DE)A; BAS T DRAF(DE)B

Grades 10-12

1-Year Elective

Dual Enrollment: Northshore Tech cc

This course involves the study of technical elements of drafting, which includes instruments lettering, sketching, applied geometry, projections, pictorial representation, dimensioning, sectioning, symbols, and auxiliaries.

Advanced Technical Drafting/Dual Enrollment

Northshore Tech Community College

ADV T DRAF(DE) A; ADV T DRAF(DE) B

Grades 11- 12

1-Year Elective

Dual Enrollment: Northshore Tech CC

This course is a continuation of Basic Technical Drafting and an introduction to AUTOCAD.

NCCER Carpentry I/Dual Enrollment**NCCER CARP I (DE) A 1 credit****NCCER CARP I (DE) B 1 credit****Grade 11, 12****1 semester or year elective
(2 hour block)****Dual Enrollment: Northshore Tech CC
IBC: Carpentry Level I**

Students learn basic skills and safety in the use of hand and portable power tools. **Students may earn industry based certification—NCCER Carpentry Certification.**

NCCER Carpentry II/Dual Enrollment**CARPEN II (DE) A****CARPEN II (DE) B****Grade 11, 12****1 year elective (2 hour block)****Dual Enrollment: NTCC****IBC: Carpentry Level II**

This course investigates all areas of the construction industry from planning to the completion of construction. Emphasis is placed on safety, tools, machines, processes, and materials used in the construction industry.

**SPECIAL EDUCATION
(TALENTED)*****All Talented Course Offerings
Requires Talented Evaluation****Talented Art I****ART I (T) A; ART I (T) B****Grades 9-12****1 semester or 1 year elective****Talented Art II****ART II (T) A; ART II (T) B****Grades 10-12****1 semester or 1 year elective****Talented Art III****ART III (T) A; ART III (T) B****Grades 11-12****1 semester or 1 year elective****Talented Art IV****ART IV (T) A; ART IV (T) B****Grade 12****1 semester or 1 year elective****Talented Music I****MUSIC I (T) A; MUSIC I (T) B****Grades 9-12****1 semester or 1 year elective****Talented Music II****MUSIC II (T) A; MUSIC II (T) B****Grades 10-12****1 semester or 1 year elective****Talented Music III****MUSIC III (T) A; MUSIC III (T) B****Grades 11-12****1 semester or 1 year elective****Talented Music IV****MUSIC IV (T) A; MUSIC IV (T) B****Grade 12****1 semester or 1 year elective****Talented Theatre I****THEATRE 1(T) A; THEATRE 1(T) B****Grades 9-12****1 semester or 1 year elective****Talented Theatre II****THEATRE 2(T) A; THEATRE 2(T) B****Grades 9-12****1 semester or 1 year elective****Talented Theatre III****THEATRE 3(T) A; THEATRE 3(T) B****Grades 9-12****1 semester or 1 year elective****Talented Theatre IV****THEATRE 4(T) A; THEATRE 4(T) B****Grades 9-12****1 semester or 1 year elective****SPECIAL EDUCATION
(Disabled)**

In accordance with IDEA and State Bulletin 1508, special education courses are designed to meet individual needs of exceptional students through age 21 or when their course of study is completed. A determination of courses will be made at the student's Individualized Education Plan (IEP) meeting. If a student is pursuing a high school diploma, he/she must meet the same criteria for regular students in State Bulletin 741. If the student is placed in Alternative Programming, he/she shall receive a certificate of achievement by meeting life skills and community goals as outlined in the I.E.P. Any student taking a Special Education Course must have a current evaluation.

English I (Special Education)**Eng I (R) A; Eng I (R) B****Grade 9****1 year required course****Special Education Evaluation Required****English II (Special Education)****Eng II (R) A; Eng II (R) B****Grade 10****1 year required course****Special Education Evaluation Required*****Students are required to take End of Course Test****English III (Special Education)****Eng III (R) A; Eng III (R) B****Grade 11****1 year required course****Special Education Evaluation Required*****Students are required to take End of Course Test****English IV (Special Education)****Eng IV (R) A; Eng IV (R) B****Grade 12****1 year required course****Special Education Evaluation Required*****Students are required to complete a Senior Project research paper.****Study Skills I (Special Education)****STDY SKL 1 A; STDY SKL 1 B****Study Skills II (Special Education)****STDY SKL 2 A; STDY SKL 2 B****Study Skills III (Special Education)****STDY SKL 3 A; STDY SKL 3 B****Study Skills IV (Special Education)****STDY SKL 4 A; STDY SKL 4 B****Grades 9-12****1 semester or 1 year elective**

PRACTICE SCHEDULE CARD

Below is a practice chart for selecting courses for the 2016-17 school year. When you choose your courses, keep in mind the graduation requirements, TOPS requirements, and Career Cluster requirements. **Students and their parents/guardian assume full responsibility for the course work scheduled.** Though the school personnel will attempt to locate and correct any errors, it is the students’ and their parents’ responsibility to select the courses, keep copies of records and plan their schedule to meet all requirements for graduation. Also, parents and students have the responsibility to check requirements for the college of their choice and schedule coursework accordingly.

FIRST SEMESTER	SECOND SEMESTER
COURSE NAME	COURSE NAME
1	
2	
3	
4	
5	
6	
7	

ALTERNATIVE COURSES

Alternatives must be selected. In case of conflicts, alternative courses will be selected.

FIRST SEMESTER	SECOND SEMESTER
COURSE NAME	COURSE NAME
1	
2	
3	

*Seniors requesting a career/technical internship must complete an application for the internship prior to scheduling the internship. Academic, attendance, and discipline records will be considered.

*Seniors are required to attend a minimum of five (5) credit classes per day per semester. Five hours are required for a student to be eligible for the honor roll. Taking less than seven units may negatively affect a senior’s class rank and GPA. **Permission must be granted for seniors requesting a short day schedule. An application for short day must be completed.**

SCHEDULING NOTES