

Port Neches-Groves High School



Course Selection Guide 2020-2021

Port Neches-Groves High School is a comprehensive high school, serving approximately 1,400 students in grades 9-12. The school provides an academically challenging and rigorous program for all students. PNG operates on an eight-class block period schedule. The range of programs offered includes resource, career and technical education, required instruction, college preparatory, Advanced Placement, and Dual Credit.

High School Graduation Requirements

All high school graduates are awarded the same type of diploma. The academic achievement record (transcript), rather than the diploma, records individual accomplishments, achievements, and courses completed.

Required High School Assessments for Graduation

Students entering high school in 2011-2012 and after are required to take the STAAR (State of Texas Assessments of Academic Readiness) EOC (End of Course) tests for graduation. These EOC exams will be required in English I and II, Algebra I, Biology, and U.S. History. After a student passes all EOC tests and meets all other graduation requirements, a diploma will be awarded.

Course Availability

The availability of any course depends upon sufficient enrollment, personnel, and other resources. All courses listed in this booklet will not necessarily be offered every year.

Classification of Students

A student's classification is determined by the number of credits earned by the beginning of the school year.

Freshman – Successfully completed 8th grade

Sophomore – 6 credits

Junior – 12 credits

Senior – 18 credits

Port Neches-Groves High School

1401 Merriman, Port Neches, TX 77651

Phone Number: 729-7644

Administration

Principal: Dr. Scott Ryan

Assistant Principals: Brett McPhatter & Don Sandell

Assistant Principal, Student Activities: Jon Deckert

High School Curriculum Coordinator: Crystal Werkheiser

Counselors' Office

Phone Number: 729-7644 #114 or #115

Melissa Garess, Emily Faircloth, Kelley Wueller,

Rachel Lawson, and Ann Daniels

A student is eligible for automatic admission to a college or university as an undergraduate student if the applicant earned a grade point average (GPA) in the top 10 percent of the student's high school graduating class, or the top six percent for admission to the University of Texas at Austin. In addition, the applicant must have completed the requirements for the **Distinguished + Endorsement Program**.

Note: Students entering high school in 2014-2015 must earn the distinguished level of achievement to be eligible for top 10% automatic admission. These students can earn distinguished level of achievement by successfully completing four (4) credits in

mathematics, which must include Algebra II, four (4) credits in science, remaining Foundation curriculum requirements, and requirements for at least one endorsement.

Graduation Program Distinguished + Endorsement

House Bill 5, passed by the 83rd Texas Legislature, requires students to complete the Foundation High School Program and select an endorsement from five options, depending on their career interests. Students entering 9th grade must select one of the following endorsements:

- **Arts & Humanities**
- **Business & Industry**
- **Public Services**
- **STEM (Science, Technology, Engineering, and Mathematics)**
- **Multidisciplinary**

With an endorsement, PNGHS students will be required to complete 26 credits for graduation including:

	Units of Credit
• English (English I, English II, English III, and an advanced English)	4
• Mathematics (to include Algebra I, Geometry, and Algebra II)	4
• Science (to include IPC, Biology, Chemistry/Physics, and a fourth Advanced Science)	4
• Social Studies (W. Geography, W. History, U.S. History, Government & Economics)	4
• Foreign Language	2
• Physical Education	1
• Fine Arts	1
• Computer Course (Business Information Management (BIM) I or Computer Programming I)	1
• Professional Communications	½
• Health	½
• Electives	4

Students may change their endorsement at any time prior to graduation.

Advanced Placement/LEAP Classes

The Advanced Placement classes (Pre-AP and AP) provide students with opportunities for college-level learning and for demonstrating their accomplishments through Advanced Placement examinations. Students who may be interested in Advanced Placement classes should consider the following: Is the student willing and eager to strive to meet the demands of a college-level course? Is the student's past record in the subject promising? Do the parents approve of the student taking the course?

- Students must apply to enter these classes. Once accepted into the program, students must follow school guidelines for exiting any Pre-AP or AP class. The school will establish a timeline for consideration of these requests. Administrator approval is required.

- If a student exits a Pre-AP or AP class, he/she will not be permitted to re-enter the Pre-AP, AP/LEAP program in that subject.

LEAP is a cooperative venture between Lamar University– Beaumont & participating high schools, which allows high school students to take essential university courses taught by their high school teachers at reduced tuition rates. Students enrolled in the program may receive both high school and college credit upon yearly satisfactory completion of the course. Graded students pay tuition costs and are responsible for the application and registration process.

LEAP courses include the following:

- English III-LEAP: College English-ENGL 1301, 3 college hours (2nd Sem. Only)
- English IV-LEAP: College English-ENGL 1302 & 2322, 6 college hours (1st & 2nd Sem.)
- Pre-Calculus-LEAP: College Pre-Calculus I and II-MATH 2311 & 2312, 6 college hours (1st & 2nd Sem.)
- Calculus-LEAP: College Calculus-MATH 2413, 4 college hours (2nd Sem. Only)
- Biology-LEAP: College Biology-BIO 1406 & 1407, 8 college hours (1st & 2nd Sem.)
- Economics LEAP: College Economics-ECON 2301, 3 college hours (2nd Sem. Only)

Acceptance into the LEAP program requires students to have an appropriate SAT/ACT score or EOC scores, three years in a college-preparatory curriculum, and evidence of a desire to meet the demands of a college-level course. The student must have the approval of the counselor, administration, and meet the prerequisites for the course.

Lamar State College Port Arthur (LSCPA): Dual Credit High School and College Program

In partnership with Lamar State College Port Arthur, participating PNG High School students may take designated high school courses for high school and college credit simultaneously. These may be in core content areas or an elective and may count for graduation.

For acceptance into the LSCPA Dual Credit Program, students must show evidence of a desire to meet the demands of college level

requirements in each course and must meet college entrance criteria. Each criterion includes the appropriate college entrance test score. Graded students pay tuition costs and are responsible for the application and registration process.

PNG courses currently available for LSCPA Dual Credit are:

- English III (ENGL 1301)
- English IV (ENGL 1302 & 2321)
- Anatomy & Physiology (BIOL 2401 & 2402)
- Law Enforcement I (CRIJ 1301)
- Law Enforcement II (CRIJ 1306)
- HVAC I (HART 1403)
- HVAC II (HART 2343)
- Digital Art and Animation (ARTS 2348 & 2349)
- Practicum in Manufacturing (PTAC 1302, 1408, 1410, & 1432)

This list is subject to change. Students should check with their counselor for the most recent list of approved courses.

Middle School Courses

The Algebra I course successfully completed in 8th grade will meet the justified prerequisites for the next level of mathematics. The course will appear on the student's transcript but will not be calculated in GPA for high school. The course will be included in the units needed for graduation.

UIL Eligibility – No Pass, No Play Exemptions

Students should be aware that there are rules that are set forth by TEA, UIL, PNGISD Board of Trustees, and local constitutions that govern extracurricular activity in organizations and clubs and the leadership and participation of individuals in those organizations and clubs. The interpretation of these rules on the high school campus is left to the high school principal.

The following advanced courses are identified for possible No Pass, No Play exemption for individual students, subject to approval by the principal and teacher of the course. Student effort and performance will be major considerations in granting any exemption.

- English I – Pre-AP; English II – Pre-AP; English III – Pre-AP; English IV – AP
- Algebra II – Pre-AP; Geometry – Pre-AP; Pre-Calculus; Pre-Calculus – Pre-AP; Calculus – AP/LEAP
- Biology I – Pre-AP; Chemistry I – Pre-AP; Physics I – Pre-AP; Biology II – AP; Chemistry II – AP; Physics II – AP
- World Geography – Pre-AP; World History – Pre-AP; U.S. History – AP; U.S. Government – AP; Economics – AP
- Spanish III – Pre-AP; Spanish IV – AP;



Curricular Endorsement Pathways

Curricular Endorsement Pathways (Coherent Sequences) A curricular pathway is a coherent sequence of four credits in an area of study for high school graduation. The five endorsement pathway options for students are:

- Arts & Humanities
- STEM (Science, Technology, Engineering and Math)
- Multidisciplinary
- Business & Industry
- Public Service

Earning an Endorsement

HB 5 requires students to select at least one endorsement. To earn an endorsement students must complete the Foundation High School Program (FHSP), four math and science credits, and a career pathway that meets the curricular requirements for that endorsement for a total of at least 26 course credits.

Arts & Humanities

Pathway	9th Grade	10th Grade	11th Grade	12th Grade
Band	•Band I	•Band II	•Band III	•Band IV
Choir	•Concert Choir I •Advanced Vocal Technique I	•Concert Choir II •Mixed Choir I •Advanced Vocal Technique I	•Concert Choir III •Mixed Choir II •Advanced Vocal Technique I •Music History	•Concert Choir IV •Mixed Choir III •Advanced Vocal Technique I •Music History
Theatre Arts	•Theatre Arts I •Tech Theatre I •MusicTheatre I	•Theatre Arts II •Tech Theatre II •MusicTheatre II	•Theatre Arts III •Tech Theatre III •MusicTheatre III •Theatre Production	•Theatre Arts IV •Tech Theatre IV •MusicTheatre IV •Theatre Production
Visual Arts	•Art I •Art & Media Communication	•Art II •Art & Media Communication	•Art III •Art & Media Communication	•Art IV •Art & Media Communication
Languages Other Than English	•Completion of four (4) levels of the same language other than English OR • Completion of two (2) levels of the same language in a language other than English and two (2) levels of a different language in a language other than English			
Social Studies	•Completion of five (5) social studies courses including World Geography, World History, U.S. History, Government, Economics, Psychology, and Sociology, Personal Financial Literacy			

STEM (Science, Technology, Engineering and Math)

STEM endorsement requirements include Algebra II, Chemistry, and Physics.

Pathway	9th Grade	10th Grade	11th Grade	12th Grade
CTE	•Completion of a coherent sequence of four (4) or more CTE credits, with at least two (2) in the same career cluster including at least one advanced CTE course, and with the final course from the STEM career cluster			
Math	•Completion of five (5) credits in mathematics including Algebra I, Geometry, Algebra II, and two additional mathematics courses for which Algebra II is a prerequisite			
Science	•Completion of five (5) credits in science including Biology, Chemistry, Physics, and two additional science courses			
Combination	•In addition to Algebra II, chemistry, and physics, completion of a coherent sequence of three (3) additional credits from no more than two (2) areas listed above			

Multidisciplinary

Pathway	9th Grade	10th Grade	11th Grade	12th Grade
Option I	●Completion of four (4) advanced courses that prepare a student to enter the workforce or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence			
Option II	●Completion of four (4) credits in each of the four foundation subject areas to include English IV and chemistry and/or physics			
Option III	●Completion of four (4) credits in Advanced Placement (AP), or dual credit selected from English, mathematics, science, social studies, economics, or languages other than English			

Business & Industry

Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	●BIM I	●Yearbook I ●Newspaper I ●Digital Photo. I	●Yearbook II ●Newspaper II ●Digital Photo. II	●Yearbook III ●Newspaper III
CTE	●BIM I ●Principles of Architecture ●Robotics I ●Principles of Arts A/V Technology, & Comm. ●Prin. Of Manufacturing	●BIM II ●Accounting I ●Engineering Design ●Electrical Tech. I Computer Prog. I ●Robotics II ●Graphic Design I ●Commercial Photography I ●Digital Media ●Audio/Video Production I ●HVAC I ●Welding I ●Automotive I	●Accounting II ●Architectural Design ●Comp. Maint. I Computer Prog. II ●Career Prep I ●Graphic Design II ●Commercial Photography II ●Intro to Process Tech ●Petrochemical Safety ●Audio/Video Production II ●HVAC II ●Welding II ●Automotive II	●Stats & Risk Mgmt. ●Electrical Tech. II ●Comp. Maint. II ●Career Prep II ●Practicum in Construction Technology ●Practicum in Manufacturing ●Practicum in Transportation Systems ●Practicum in Energy ●Practicum in Graphic Design ●Practicum in Commercial Photography ●Practicum of Audio/Video Production
Combination	Completion of a coherent sequence of four credits from the above courses			

Public Services

Pathway	9th Grade	10th Grade	11th Grade	12th Grade
CTE	●Prin. of Human Service ●Prin. of Law, Public Safety, Corrections and Security	●Prin. of Hosp. & Tourism ●Family & Community Service ●Law Enforce. I ●Nutrition & Wellness ●Child Development	●Intro. to Cosmetology ●Cosmetology I ●HOSA I (Health Science Theory) ●Law Enforce. II ●Medical Terminology	●Inst. Pract. in Education & Training (Peer Tutoring) ●Principles of Cosmetology Design & Color Theory ●Cosmetology II ●HOSA II (Pract. in Health Science) ●Forensic Science ●Pharmacology ●Practicum in Law, Public Safety, Corrections and Security

Grade 9

1111 English I
1112 English I – Pre-AP
1211 Spanish I
1351 American Sign Language I
8721 Principles of Arts, A/V Technology & Communication
2111 World Geography
2112 World Geography – Pre-AP
3121 Algebra I
3132 Geometry – Pre-AP
4121 Integrated Physics and Chemistry (IPC)
4212 Biology I – Pre-AP
5110 Concert Band (Director Approval)
5210 Concert Choir (Director Approval)
5231 Advanced Vocal Technique (Director Approval)
5411 Art I
5451 Art & Media Communication
5511 Theatre Arts I
5521 Technical Theatre I
5541 Musical Theatre I
6211 Professional Communications (½ credit)
6731 Business Information Management (BIM) I
7011 Health Education (½ credit)
7151 Boys P.E. – Foundation of Personal Fitness(½ credit)
7152 Boys P.E. – Adventure/Outdoor Education (½ credit)
7153 Girls P.E. – Foundation of Personal Fitness(½ credit)
7154 Girls P.E. – Adventure/Outdoor Education (½ credit)
7211/7219 Football Athletics (Coach Approval)
7311/7319 Girls Athletics (Coach Approval)
8141 Principles of Law, Public Safety, Corrections and Security
8311 Principles of Architecture
8421 Principles of Human Services
8821 Robotics I

Grade 10

1121 English II
1122 English II – Pre-AP
1211 Spanish I
1221 Spanish II
1351 American Sign Language I
1352 American Sign Language II
8721 Principles of Arts, A/V Technology & Communication
6692 Graphic Design I (Director Approval)
6693 Graphic Design I/ LAB (Director Approval)
1521 Advanced Journalism: Newspaper I (Dir. Approval)
1531 Advanced Journalism: Yearbook I (Dir. Approval)
8731 Commercial Photography (Director Approval)
6641 Audio/Video Production I (Director Approval)
6642 Audio/Video Production I/LAB (Director Approval)
1981 *PSAT/SAT PREP (½ credit)
2121 World History
2122 World History – Pre-AP
2711 Personal Financial Literacy (½ credit)
3131 Geometry
3211 Algebra II
3212 Algebra II – Pre-AP
4211 Biology I

4212 Biology I – Pre-AP
5110 Concert Band (Director Approval)
5121/5129 Symphonic Band (Director Approval)
5131/5139 Wind Ensemble (Director Approval)
5210 Concert Choir (Director Approval)
5241 Indian Chorale (Director Approval)
5221 Mixed Choir (Director Approval)
5231 Advanced Vocal Technique (Director Approval)
5411 Art I
5421 Art II
5451 Art & Media Communication
5511 Theatre Arts I
5512 Theatre Arts II
5521 Technical Theatre I
5522 Technical Theatre II
5531 Theatre Production I (Director Approval)
5541 Musical Theatre I
5542 Musical Theatre II
5611 Dance (Director Approval)
6311 Accounting I
6691 Digital Media
6731 Business Information Management (BIM) I
6741 Business Information Management (BIM) II
7172 Boys P.E. – Individual Sports (½ credit)
7173 Boys P.E. – Team Sports (½ credit)
7181 Girls P.E. – Aerobics Activities (½ credit)
7183 Girls P.E. – Team Sports (½ credit)
7221/7229 Football Athletics (Coach Approval)
7241/7249 Baseball Athletics (Coach Approval)
7251/7259 Boys Golf Athletics (Coach Approval)
7261/7269 Boys Basketball Athletics (Coach Approval)
7281/7289 Boys Soccer Athletics (Coach Approval)
7321 Girls Track Athletics (Coach Approval)
7332 Girls Golf Athletics (½ credit) (Coach Approval)
7341/7349 Tennis Athletics (Coach Approval)
7351/7359 Volleyball Athletics (Coach Approval)
7361/7369 Girls Basketball Athletics (Coach Approval)
7371/7379 Softball Athletics (Coach Approval)
7372/7378 Girls Soccer Athletics (Coach Approval)
7391 Indianettes (Director Approval)
8111 Law Enforcement I
8141 Principles of Law, Public Safety, Corrections and Security

8311 Principles of Architecture
8321 Engineering Design and Presentation I
8351 Principles of Manufacturing
8381 Electrical Technology I
8421 Principles of Human Services
8441 Principles of Hospitality and Tourism
8551 Lifetime Nutrition and Wellness (½ credit)
8471 Dollars & Sense (1/2 credit)
8571 Child Development
8581 Family and Community Services
8821 Robotics I
8822 Robotics II

Grade 11

1131 English III

1132 English III – Pre-AP
1211 Spanish I
1221 Spanish II
1232 Spanish III – Pre-AP
1351 American Sign Language I
1352 American Sign Language II
1353 American Sign Language III
1511 Journalism
1521 Advanced Journalism: Newspaper (Dir. Approval)
1531 Advanced Journalism: Yearbook (Dir. Approval)
8721 Principles of Arts, A/V Technology & Communication
6692 Graphic Design I (Director Approval)
6693 Graphic Design I/ LAB (Director Approval)
8731 Commercial Photography (Director Approval)
8733 Commercial Photography II (Director Approval)
8734 Commercial Photography II/ LAB (Director Approval)
1551 Digital Photography II (Director Approval)
6641 Audio/Video Production I (Director Approval)
6642 Audio/Video Production I/LAB (Director Approval)
6643 Audio/Video Production II (Director Approval)
6644 Audio/Video Production II/LAB (Director Approval)
6645 Practicum of Audio/Video Production (Director Approval)
1981 * PSAT/SAT PREP (½ credit)
2211 U. S. History
2212 U. S. History – AP
2511/2611 Psychology/Sociology
2711 Personal Financial Literacy (½ credit)
3211 Algebra II
3311 Pre-Calculus
3312 Pre-Calculus – Pre-AP
3313 Pre-Calculus – LEAP
4222 Biology II – AP
4311 Anatomy & Physiology
4411 Chemistry I
4412 Chemistry I – Pre-AP
4511 Physics I
4512 Physics I – Pre-AP
4621 Earth and Space Science
4812 Environmental Systems
4911 Forensic Science
5110 Concert Band (Director Approval)
5121/5129 Symphonic Band (Director Approval)
5131/5139 Wind Ensemble (Director Approval)
5141 Instrumental Ensemble (Director Approval)
5210 Concert Choir (Director Approval)
5241 Indian Chorale (Director Approval)
5221 Mixed Choir (Director Approval)
5271 Music History
5231 Advanced Vocal Technique (Director Approval)
5411 Art I
5421 Art II
5431 Art III
5451 Art & Media Communication
5511 Theatre Arts I
5512 Theatre Arts II

5513 Theatre Arts III
5521 Technical Theatre I
5522 Technical Theatre II
5523 Technical Theatre III
5531 Theatre Production I (Director Approval)
5332 Theatre Production II (Director Approval)
5541 Musical Theatre I
5542 Musical Theatre II
5543 Musical Theatre III
5611 Dance (Director Approval)
6311 Accounting I
6321 Accounting II
6611 Computer Programming I
6691 Digital Media
6731 Business Information Management (BIM) I
6741 Business Information Management (BIM) II
6811 Digital Art and Animation
7172 Boys P.E. – Individual Sports (½ credit)
7173 Boys P.E. – Team Sports (½ credit)
7181 Girls P.E. – Aerobics Activities (½ credit)
7183 Girls P.E. – Team Sports (½ credit)
7221/7229 Football Athletics (Coach Approval)
7241/7249 Baseball Athletics (Coach Approval)
7251/7259 Boys Golf Athletics (Coach Approval)
7261/7269 Boys Basketball Athletics (Coach Approval)
7281/7289 Boys Soccer Athletics (Coach Approval)
7321 Girls Track Athletics (Coach Approval)
7332 Girls Golf Athletics (½ credit) (Coach Approval)
7341/7349 Tennis Athletics (Coach Approval)
7351/7359 Volleyball Athletics (Coach Approval)
7361/7369 Girls Basketball Athletics (Coach Approval)
7371/7379 Softball Athletics (Coach Approval)
7372/7378 Girls Soccer Athletics (Coach Approval)
7381/7389 Cheerleading
7391 Indianettes (Director Approval)
8111 Law Enforcement I
8121 Law Enforcement II
8141 Principles of Law, Public Safety, Corrections and Security
8311 Principles of Architecture
8321 Engineering and Design Presentation I
8331 Architectural Design I
8351 Principles of Manufacturing
8381 Electrical Technology I
8421 Principles of Human Services
8441 Principles of Hospitality and Tourism
8551 Lifetime Nutrition and Wellness (½ credit)
8471 Dollars & Sense (1/2 credit)
8571 Child Development
8581 Family and Community Services
8611 Health Science Theory (HOSA I)
8761 Medical Terminology
8623 Career Preparation I (2 credits) (3-4 blocks)
8643/8648 Welding I (2 credits) (2 blocks)
8651/8658 Automotive Tech I (2 credits) (2 blocks)
8663/8668 Heating, Ventilation, Air Conditioning, and Refrigeration I (1 CTE credit/1 Local credit) (2 blocks)

8676 Introduction to Cosmetology
8671/8678 Cosmetology I (2 credits)
8681 Computer Maintenance
8261 Introduction to Process Technology
8262 Petrochemical Safety, Health, & Environment
8741 Practicum in Business Management I (2 credits) (3-4 blocks)
8821 Robotics I
8822 Robotics II
* Local Credit Course
Grade 12
1141 English IV
1142 English IV – AP/LEAP
1211 Spanish I
1221 Spanish II
1232 Spanish III – Pre-AP
1242 Spanish IV – AP
1351 American Sign Language I
1352 American Sign Language II
1353 American Sign Language III
1511 Journalism
1521 Advanced Journalism: Newspaper (Dir. Approval)
1531 Advanced Journalism: Yearbook (Dir. Approval)
1533 Advanced Journalism: Editors (Director Approval)
8721 Principles of Arts, A/V Technology & Communication
6692 Graphic Design I (Director Approval)
6693 Graphic Design I/ LAB (Director Approval)
8731 Commercial Photography (Director Approval)
8733 Commercial Photography II (Director Approval)
8734 Commercial Photography II/ LAB (Director Approval)
1551 Digital Photography II (Director Approval)
1561 Digital Photography III (Director Approval)
6641 Audio/Video Production I (Director Approval)
6642 Audio/Video Production I/LAB (Director Approval)
6643 Audio/Video Production II (Director Approval)
6644 Audio/Video Production II/LAB (Director Approval)
6645 Practicum of Audio/Video Production (Director Approval)
1811 Study Hall (Semester) (½ credit)
1812 Study Hall (Year Long)
1981 *PSAT/SAT PREP (½ credit)
2311/2411 U.S. Government (½ credit) & Economics (½ credit)
2312/2412 U. S. Government – AP (½ credit) & Economics – AP (½ credit)
2511/2611 Psychology/Sociology
2711 Personal Financial Literacy (½ credit)
3211 Algebra II
3311 Pre-Calculus
3313 Pre-Calculus – LEAP
3322 Calculus – AP
3721 Statistics
4222 Biology II – AP
4311 Anatomy & Physiology
4411 Chemistry I
4422 Chemistry II - AP

4511 Physics I
4522 Physics II - AP
4621 Earth and Space Science
4812 Environmental Systems
4911 Forensic Science
5110 Concert Band (Director Approval)
5121/5129 Symphonic Band (Director Approval)
5131/5139 Wind Ensemble (Director Approval)
5141 Instrumental Ensemble (Director Approval)
5210 Concert Choir (Director Approval)
5241 Indian Chorale (Director Approval)
5221 Mixed Choir (Director Approval)
5271 Music History
5231 Advanced Vocal Technique (Director Approval)
5411 Art I
5421 Art II
5431 Art III
5441 Art IV
5451 Art & Media Communication
5511 Theatre Arts I
5512 Theatre Arts II
5513 Theatre Arts III
5514 Theatre Arts IV
5521 Technical Theatre I
5522 Technical Theatre II
5523 Technical Theatre III
5524 Technical Theatre IV
5531 Theatre Production I (Director Approval)
5532 Theatre Production II (Director Approval)
5533 Theatre Production III (Director Approval)
5541 Musical Theatre I
5542 Musical Theatre II
5543 Musical Theatre III
5544 Musical Theatre IV
5611 Dance (Director Approval)
6311 Accounting I
6321 Accounting II
6611 Computer Programming I
6621 Computer Programming II
6661 Video Tech – Primetime I (Director Approval)
6665 Digital Video and Audio Design
6671 Independent Study in Technology Applications I (Director Approval)
6672 Independent Study in Technology Applications II (Director Approval)
6691 Digital Media
6731 Business Information Management (BIM) I
6741 Business Information Management (BIM) II
6811 Digital Art and Animation
6821 Ind. Study in Evolving/Emerging Technologies
7161 Girls P.E. – Cross Training (½ credit)
7162 Girls P.E. – Cross Training (1 credit)
7172 Boys P.E. – Individual Sports (½ credit)
7173 Boys P.E. – Team Sports (½ credit)
7181 Girls P.E. – Aerobic Activities (½ credit)
7183 Girls P.E. – Team Sports (½ credit)
7191 Boys P.E. – Cross Training (½ credit)

7192 Boys P.E. – Cross Training (1 credit)
7221/7229 Football Athletics (Coach Approval)
7241/7249 Baseball Athletics (Coach Approval)
7251/7259 Boys Golf Athletics (Coach Approval)
7261/7269 Boys Basketball Athletics (Coach Approval)
7281/7289 Boys Soccer Athletics (Coach Approval)
7321 Girls Track Athletics (Coach Approval)
7332 Girls Golf Athletics (½ credit) (Coach Approval)
7341/7349 Tennis Athletics (Coach Approval)
7351/7359 Volleyball Athletics (Coach Approval)
7361/7369 Girls Basketball Athletics (Coach Approval)
7371/7379 Softball Athletics (Coach Approval)
7372/7378 Girls Soccer Athletics (Coach Approval)
7381/7389 Cheerleading
7391 Indianettes (Director Approval)
8111 Law Enforcement I
8121 Law Enforcement II
8191 Practicum in Law, Public Safety, Corrections and Security (2 credits)
8311 Principles of Architecture

8321 Engineering Design and Presentation I
8331 Architectural Design I
8351 Principles of Manufacturing
8381 Electrical Technology I
8391/8398 Electrical Technology II
8421 Principles of Human Services
8441 Principles of Hospitality and Tourism
8431 Peer Tutoring (2 credits) (2 blocks)
8551 Lifetime Nutrition and Wellness (½ credit)
8471 Dollars & Sense (1/2 credit)
8571 Child Development
8581 Family and Community Services
8612/8619 Practicum in Health Science (2 credits)
8761 Medical Terminology
8623 Career Preparation I (2 credits) (3-5 blocks)
8624 Career Preparation II (2 credits) (3-5 blocks)
8644/8649 Welding II (2 credits) (3 blocks)
8231 Practicum in Manufacturing (2 credits)
8652/8659 Automotive Tech II (2 credits) (3 blocks)
8251 Practicum in Transportation Systems (2 credits)

8664/8669 Heating, Ventilation, Air Conditioning and Refrigeration II (2 credits)
8211 Practicum in Construction Technology (2 credits)
8261 Introduction to Process Technology
8262 Petrochemical Safety, Health, & Environment
TBD Practicum in Energy (2 credits)
8675 Principles of Cosmetology Design & Color Theory
8672/8679 Cosmetology II (2 credits)
8682/8689 Computer Technician Practicum (2 credits)
8711 Pharmacology (1 credit)
8741 Practicum in Business Management I (2 credits) (3-5 blocks)
8742 Practicum in Business Management II (2 credits) (3-5 blocks)
8821 Robotics I
8822 Robotics II
9812* Office Assistant
* Local Credit Course.

COURSE DESCRIPTIONS

ENGLISH

1111 English I - Grade 9, 1 credit. Students in this course use the writing process as the basis for the development of ideas, vocabulary skills, and grammar skills. Critical thinking is addressed through problem solving and literary analysis. Vocabulary study is emphasized.

1112 English I – Pre-AP - Grade 9, 1 credit. Recommended: A/B average and high level of interest in subject. This rigorous course is designed to prepare students for the AP preparatory course. Students will be involved in the study and practice of writing and the careful reading of literary works. Vocabulary study is emphasized.

1121 English II - Grade 10, 1 credit. Emphasis is on continued development of literary discourse. Higher-level thinking skills are used for evaluation, explication, and analysis of various literary genres. Literature study encompasses a survey of genres with emphasis on selected major works. Vocabulary study is emphasized.

1122 English II – Pre-AP - Grade 10, 1 credit. Recommended: A/B average and high level of interest in the subject. This rigorous course is designed to prepare students for the AP preparatory course. Through intensive reading and writing, students will focus on the interaction between authorial purpose, key ideas, and the resources of language. Vocabulary study is emphasized.

1131 English III - Grade 11, 1 credit. Continued development of literary discourse focuses on analyzing rhetoric, style, and content. Research techniques are also emphasized. Literature study encompasses the major authors and periods in American literature. Vocabulary study is emphasized. Dual credit is available for students who meet admissions requirements through Lamar State College Port Arthur for English Composition I (ENGL 1301).

1132 English III – Pre-AP - Grade 11, 1 credit. Prerequisite: English II Pre-AP. Recommended: A/B average and high level of interest in the subject. This rigorous course will educate students to be skilled readers of prose. It will also help them to be skilled writers who can compose for a variety of purposes. Dual credit is available for students who meet admissions requirements through Lamar University – Beaumont Composition I (ENGL 1301).

1141D English IV OnRamps - Grade 12, 1 credit. Prerequisite: English III. Co-enrollment with University of Texas- earns college credit for ENGL 306 and ENGL 309K. This is a college level English course taught on the PNGHS campus. Students enrolled in UT ONRAMPS English 4 will receive dual credit. High school credit for English 4 will be earned concurrently with 6 hours college credit. Students are responsible for all tuition costs and books.

1141 English IV - Grade 12, 1 credit. Prerequisite: English III. Emphasis is on critical thinking skills. At least one major work from each literary era is studied. The content includes

a study of the development of British literature. Independent reading and vocabulary study will be required.

1142 English IV – AP/LEAP - Grade 12, 1 Credit. Prerequisite: English III – Pre-AP. Recommended: A/B average and high level of interest in the subject. The student must meet college-level entry requirements. Through the reading of literary works, students will sharpen their awareness of language and their understanding of the writer's craft. They study writing and learn to understand rhetorical strategies and techniques. Dual credit is available for students who meet admissions requirements through Lamar University – Beaumont for English Composition II (ENGL 1302) for Fall Semester and English Literature (ENGL 2320) for Spring Semester.

LANGUAGES OTHER THAN ENGLISH

1211 Spanish I - Grades 9-12, 1 credit. This course concentrates on simple conversational Spanish including fundamental grammar and basic vocabulary through listening, speaking, reading, and writing.

1221 Spanish II - Grades 9-12, 1 credit. Prerequisite: Spanish I. This is an extension of Spanish I.

1232 Spanish III – Pre-AP - Grades 10-12, 1 credit. Prerequisite: Recommended "B" or better in Spanish II. The course offers extensive practice in speaking, reading, and writing in Spanish.

1242 Spanish IV – AP - Grades 12, 1 credit. Prerequisite: Recommended "B" or better in Spanish III, if lower, teacher approval required. Emphasis in this course is on advanced application of previously acquired skills.

1351 American Sign Language I - Grades 9-12, 1 credit. This course will introduce the necessary skills to gain an initial background in the collectivist culture of sign language. The topics will include manual expressive skills, visual receptive skills, processing auditory input, and social norms.

1352 American Sign Language II - Grades 10-12, 1 credit. This course will be an in-depth study of the necessary skills to gain an in-depth understanding of the collectivist culture of the Deaf community. The topics will include manual expressive skills, visual receptive skills, processing auditory input, Deaf literature/art and social norms. This class will include lectures and presentations in sign language.

1353 American Sign Language III - Grades 11-12, 1 credit. This course will be an in-depth study of the necessary skills to gain an in-depth understanding of the collectivist culture of the Deaf community. The topics will include manual expressive skills, visual receptive skills, processing auditory input, Deaf literature/art and social norms, storytelling in ASL and different career paths that use ASL. Most lectures and presentations will be conducted in ASL.

JOURNALISM

1521 Advanced Journalism: Newspaper - Grades 10-12, 1 credit. Prerequisite: Journalism and/or Photojournalism. This is primarily a laboratory course in which the student assists in producing the school newspaper. The student gains experience in covering events, writing articles, planning pages, writing headlines, editing copy, etc. Elements of yearbook production are introduced.

1531 Advanced Journalism: Yearbook - Grade 12, 1 credit. Prerequisite: Advanced Journalism: Newspaper or journalism teacher recommendation. This laboratory course provides the student an opportunity to learn and work on all phases of yearbook production, such as planning pages, selecting and cropping photographs, writing and editing headlines and copy, proofreading, etc. Students also assist in school newspaper production.

1533 Advanced Journalism: Newspaper/Yearbook Editors - Grade 12, 1 credit. Prerequisite: Journalism and/or Photojournalism. Journalism teacher's approval is required.

1551 Digital Photography II - Grade 11-12, 1 credit. Prerequisite: Photojournalism. Teacher recommendation is required for this course for publications staff. Students in this course serve as photographers for school publications and, as such, are required to take pictures at school events.

LOCAL ELECTIVES

1981 PSAT/SAT Prep - Grades 10-12, ½ credit, (local credit). This course is designed to strengthen test-taking skills for College Board tests. The class will be offered during the fall semester to grades 11 and 12 and during the spring semester to grades 10, 11, and 12.

9853 Student Council - Grade 12, local credit. Student Council sponsor approval is required.

9812 Office Assistant

8111/8112 Study Hall

SOCIAL STUDIES

2111 World Geography - Grade 9, 1 credit. Emphasis is on geographical processes that affect decisions concerning relationships among nations, production and distribution of goods, populations, and uses of resources.

2112 World Geography – Pre-AP - Grade 9, 1 credit. This course is designed to prepare capable freshmen for the advanced World History course. Grades in this course are not weighted.

2121 World History - Grade 10, 1 credit. This course includes a study of some of the significant Western and non-Western world cultures, past and present. Consideration of contemporary world affairs is stressed.

2122 World History – Pre-AP - Grade 10, 1 credit. Recommended: A/B average and high level of interest in subject.

2211 U.S. History - Grade 11, 1 credit. Content includes significant events, issues, and problems

after the period of Reconstruction, emphasizing present-day issues that have their roots in the past.

2212 U.S. History – AP - Grade 11, 1 credit.
Prerequisite: The student must meet the entry requirements for college classes. In the first semester this course covers College American History 1301: Colonialism-Civil War, and the second semester covers College American History 1302: Reconstruction-Present. Since the regular course, 2211 U.S. History, covers only Reconstruction-Present, the student must remain in the AP course all year to receive high school credit for U.S. History. (LEAP option)

2311 U.S. Government - Grade 12, ½ credit.
This course explores the foundations and development of the U.S. political system and the structures and functions of U.S. governmental systems. It encourages the student to become active in citizenship responsibilities.

AND

2411 Economics - Grade 12, ½ credit. The American free enterprise system, government's role in the economic system, international economics, and consumer economics are among topics studied.

2312 U.S. Government – AP - Grade 12, ½ credit. Prerequisites: The student must meet the entry requirements for college classes and should have a strong interest in the subject. This course is taught on the college level and focuses on the foundations and development of the U.S. political system and the structures and functions of U.S. governmental systems. Students in this course will have the opportunity to receive college credit for the course.

AND

2412 Economics – AP - Grade 12, ½ credit.
Prerequisite: Enrollment in the US Government AP class. (LEAP option)

2511 Psychology - Grades 11-12, ½ credit. The course introduces students to some elements of individual and social behavior patterns, factors that influence them, and adjustments that individuals make. It helps students develop sensitivity to others and develops an understanding of needs. It is linked with Sociology for a full year's study.

2611 Sociology - Grades 11-12, ½ credit. Sociology is the study of man's basic institutions, such as the family and political and social activities. It also considers moral values, traditions, social changes, and similar elements that influence the association of individuals with each other. It is linked with Psychology for a full year's study.

2711 Personal Financial Literacy – Grades 10-12, ½ credit. This course will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility.

MATHEMATICS

3121 Algebra I - Grade 9, 1 credit. This course in elementary algebra extends the rules, symbols, and laws of arithmetic; introducing

letters to represent numbers and emphasizing equations and factoring.

3131 Geometry - Grade 10, 1 credit.
Prerequisite: Algebra I. This is an integrated course in both plane and solid geometry. Solid geometry deals with properties of figures whose parts are not in one plane but are situated in three-dimensional space. In plane geometry all the lines and points of a figure are in one plane. Here the student is introduced to formal mathematical proofs based on facts, logic, and reasoning.

3132 Geometry – Pre-AP - Grade 9, 1 credit.
Prerequisite: Algebra I in 8th grade.

3211 Algebra II - Grades 10-12, 1 credit.
Prerequisite: Geometry. This course in intermediate algebra is a continuation of the principles learned in Algebra I, involving more advanced applications and some new algebraic procedures. Quadratic equations, an introduction to logarithms, conic sections, and the binomial expansion are included.

3212 Algebra II – Pre-AP - Grade 10, 1 credit.
Prerequisite: Geometry – Pre-AP recommended.

3311 Pre-Calculus - Grades 11-12, 1 credit.
Prerequisites: Geometry and Algebra II. This course combines Trigonometry, Elementary Analysis, and Analytic Geometry in providing a foundation for higher-level mathematics courses.

3312 Pre-Calculus – Pre-AP - Grade 11, 1 credit. Prerequisite: Algebra II – Pre-AP. Students can receive college credit for College Pre-Calculus I & II (MATH 2311 & 2312). This class is a preparation for AP Calculus.

3313 Pre-Calculus - LEAP - Grades 11-12, 1 credit. Prerequisite: Geometry and Algebra II. This course combines Trigonometry, Elementary Analysis, and Analytic Geometry in providing a foundation for higher-level mathematics courses. Algebra II teacher's recommendation needed. Students can receive college credit for College Pre-Calculus I & II (Math 2311 & 2312).

3322 Calculus – AP - Grade 12, 1 credit.
Prerequisite: Pre-Calculus – Pre-AP. option) In this course, advanced math students further develop the understanding of the limit of a function, develop the definition of derivative, learn and use the rules, formulas and computations of derivatives to analyze extreme values of functions, use derivatives to write equations of tangent lines to curve and to approximate values with differentials and linearization, develop an understanding of the mean value theorem and the Fundamental Theorem of Calculus, perform integration techniques to calculate the area under and between curves and the volumes of solids of revolution, and complete preparatory work that lays the foundation for further study in advanced mathematics. Students can receive college credit for Engineering Calculus I (MATH 2413). (LEAP option)

3721 Statistics – Grades 11-12, 1 credit.
Recommended prerequisites: Accounting I and Algebra II. Students will use a variety of graphical and numerical techniques to identify

and manage risks that impact an organization. Students will use probability to anticipate and forecast data within business models to make decisions.

SCIENCE

4121 Integrated Physics and Chemistry (IPC) - Grade 9, 1 credit. This introductory science course consists of a study of basic chemistry and physics.

4211 Biology I - Grade 10, 1 credit. Biology is the study of life and its applications to everyday living and the environment.

4212 Biology I – Pre-AP - Grades 9-10, 1 credit. This lab-oriented course is designed for students who are interested in a career in science. More rigorous course than Biology I.

4222 Biology II – AP - Grades 11-12, 1 credit.
Prerequisites: Biology I – Pre-AP, and Chemistry I – Pre-AP. Focus in this advanced-level lab-oriented course will be on concepts and principles of specific life processes. Mathematics applications are emphasized. A LEAP option is available (BIOL 1406 & BIOL 1407)

4311 Anatomy & Physiology - Grades 11-12, 1 credit. Prerequisite: Recommended "C" or better in Biology I. Students study the structure and functions of the human body and their inter-relationships. This course is recommended for Health Science students. Dual credit is available for students who meet admissions requirements through Lamar State College Port Arthur for the on-line courses: Anatomy & Physiology I (BIOL 2401) & Anatomy and Physiology II (BIOL 2402).

4411 Chemistry I - Grades 11-12, 1 credit.
Prerequisites: Biology and Algebra I with "C" or better; enrollment in a higher math course concurrently. The science of matter and how it interacts will be explored through lecture, demonstrations, readings, and laboratory work. This course will allow you to improve upon your problem-solving skills and to begin to connect school with the real world.

4412 Chemistry I – Pre-AP - Grade 10-11, 1 credit. Prerequisites: Biology I – Pre AP and evidence of strong math skills. This lab-oriented course is designed for students interested in science careers such as engineering, the pure sciences (Biology, Chemistry, Physics), and the medical field. More rigorous course than Chemistry I and requires application of critical thinking skills.

4422 Chemistry II-AP - Grade 11-12, 1 credit.
Prerequisites: Chemistry I- Pre AP and evidence of strong math skills. Recommended: Physics I at least concurrently. Students will focus on attaining a depth of understanding of more advanced topics in chemistry. Opportunities will be provided for use of skill in acquiring and analyzing data from advanced-level laboratory experiments. This course is designed to pass the AP Chemistry test.

4511 Physics I - Grades 11-12, 1 credit.
Prerequisites: Biology I, Chemistry I, and "C" or better in Algebra I. This course is designed as a basis for understanding the world around us.

Topics include heat, and mechanics such as force and motion, heat, electricity, magnetism, light, and sound.

4512 Physics I – Pre-AP - Grade 10-11, 1 credit. Prerequisites: Biology I & Chemistry I – Pre-AP. Student must be enrolled in or have completed Algebra II. Topics studied are mechanics such as force and motion, heat, electricity, magnetism, light, sound, and modern Physics. Course emphasizes critical thinking skills and application of learned material.

4522 Physics— AP - Grade 11-12, 1 credit. Prerequisites: Physics I – Pre-AP and Chemistry I – Pre-AP. Strong math skills and strong critical thinking skills with application. The ability to apply physics principles to solve problems. This course is lab- oriented and designed to pass the AP Physics I test.

4621 Earth and Space Science - Grades 11-12, 1 credit. Prerequisites: Biology and IPC or Biology and Chemistry. Students study the earth's geosphere (solid Earth), the hydrosphere (water) and atmosphere and how these systems interact with life. This course also enables students to develop an understanding of Earth's systems in space and time, including the solar system, stars and galaxies.

4812 Environmental Systems - Grades 11-12, 1 credit. In this course students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving.

4911 Forensic Science - Grades 11-12, 1 credit. Prerequisites: Biology and Chemistry. This course introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and exam of physical evidence in criminal cases as they are performed in a typical crime lab.

FINE ARTS

5110 Concert Band - Grades 9-12, 1 credit. Prerequisite: Middle school band experience preferred. Combines with Symphonic Band and Wind Ensemble for marching. Emphasis is on individual skills for younger musicians. With instrumentation and maturity permitting, this non-varsity organization can participate in all TMEA UIL activities. Selection by audition. Single block class

5121/5129 Symphonic Band – Grades 9-12, 1 credit. Prerequisite: middle school band experience. Combines with Symphonic Band, Wind Ensemble, and Band I for marching. Emphasis on individual skills for younger musicians. Required participation in individual TMEA/UIL activities and limited additional events. Selection by audition. Double block class.

5131/5139 Wind Ensemble - Grades 9-12, 1 credit. Prerequisite: Middle school band experience. Combines with Symphonic Band and Concert Band for marching. TMEA/UIL individual and group activities are required. Selection by audition. Double Block class.

5141 Instrumental Ensemble - Grades 11-12, 1 credit. Prerequisites: Director Approval and required full participation in all TMEA/ UIL activities. This course is for the student who has special ability and desires to excel in individual instrumental performance.

5210 Concert Choir – Grades 9-12, 1 credit. This choir is for freshmen and students in 10-12 grade who have not had previous choir experience. Students in this choir are encouraged to audition for TMEA Region Choir and encouraged to participate in UIL Solo and Ensemble Contest. Students in this choir are required to perform at each choir concert during the year.

5221 Mixed Choir - Grades 10-12, 1 credit. Prerequisite: 1-year previous high school choir experience or director approval. This choir is for students in 10-12 grade who are not in Indian Chorale and have had previous choir experience. Students in this choir are encouraged to audition for TMEA Region Choir and encouraged to participate in UIL Solo and Ensemble Contest. Students in this choir are required to perform at each choir concert during the year.

5231 Advanced Vocal Techniques - Grades 9-12, 1 credit. Prerequisite: also enrolled in a choir class or director approval. This course is for the vocal student who has a desire to excel in vocal performance. Students will receive more individualized vocal instruction as well as foreign language diction, help with Region auditions, UIL solos, and help with college auditions.

5241 Indian Chorale –Grades 10-12, 1 credit. This is an auditioned choir and the top performing choir. Students should be able to show proficiency in basic music theory and sight reading. Students in this ensemble are ambassadors for the choir program and are required to sing the National Anthem for home football games, perform at each choir concert during the year, audition for TMEA Region Choir, Participate in UIL Solo and Ensemble Contest, and participate in the UIL Concert and Sight-reading Evaluation.

5271 Music History – Grades 11-12, 1 credit. This class covers the History of Music of the Ancient, Medieval, Renaissance, Baroque, Classical, Romantic, and Twentieth Century eras. Students will learn to identify music listening examples in each musical era and will have presentations each grading period. Students will learn basic music theory culminating in a written music composition project.

5411 Art I - Grades 9-12, 1 credit. The student becomes familiar with the elements of art, principles of design, and art history through fields such as painting, drawing, and ceramics.

5421 Art II - Grades 10-12, 1 credit. Prerequisite: Recommended “C” or better in Art I. Art II offers advanced study of drawing, design and art history, using varied media and techniques through fields such as charcoal, pastel, printmaking, painting and ceramics.

5431 Art III - Grades 11-12, 1 credit. Prerequisite: Teacher recommendation and a “B” or better in Art II. This course gives the advanced art student opportunity for further exploring media and developing techniques through individual activities and competition opportunities.

5441 Art IV - Grade 12, 1 credit. Prerequisite: Teacher Recommendation and a “B” or better in Art III. The focus of this course for the advanced student is on inventive and imaginative expression through art. Students will also learn techniques of evaluation and criticism, developing techniques through individual student lead projects and competition opportunities.

5451 Art and Media Communications I. Grades 9-12, 1 credit. The focus of this course is to combines the powerful art principles with technology to bridge traditional Fine Art education with contemporary digital media applications.

5511 Theatre Arts I - Grades 9-12, 1 credit. This course includes a study of history and structure of drama, play production, and the role of the actor in drama. This course is heavily based on participation in acting and the technical skills.

5512 Theatre Arts II - Grades 10-12, 1 credit. Prerequisite: Theatre Arts I.

5513 Theatre Arts III - Grades 11-12, 1 credit. Prerequisite: Theatre Arts II.

5514 Theater Arts IV - Grade 12, 1 credit. Prerequisite: Theatre Arts III.

5521 Technical Theatre I - Grades 9-12, 1 credit. This course explores the technical side of theater. Set design and construction, costume design and production, lighting principles, and stage make-up will be implemented. History of theatre and opportunities to attend live theatre will be included.

5522 Technical Theatre II - Grades 10-12, 1 credit. Prerequisite: Technical Theatre I.

5523 Technical Theatre III - Grades 11-12, 1 credit. Prerequisite: Technical Theatre II.

5524 Technical Theatre IV - Grade 12, 1 credit. Prerequisite: Technical Theatre III.

5531 Theatre Production I - Grades 11-12, 1 credit. Prerequisite: Theatre Arts I. Audition required and Director Approval. This course is a laboratory for the exploration development, and synthesis of all theatre elements. Experiences in acting and stagecraft are provided through the preparation and performances of one or more plays.

5532 Theatre Production II - Grades 11-12, 1 credit. Prerequisites: Theatre Arts I and Theatre Production I.

5533 Theatre Production III - Grade 12, 1 credit. Prerequisites: Theatre Arts I and Theatre Production I and II.

5541 Music Theatre I - Grades 9-12, 1 credit. This course is a laboratory for the exploration development, and synthesis of all theatre

elements. Experiences in acting and stagecraft are provided through the preparation and performances of one or more plays.

5542 Music Theatre II - Grades 10-12, 1 credit. Prerequisites: Music Theatre I.

5543 Music Theatre III - Grades 11-12, 1 credit. Prerequisites: Music Theatre II.

5544 Music Theatre IV - Grade 12, 1 credit. Prerequisites: Music Theatre III.

5611 Principles of Dance I - Grades 10-12, 1 credit. Prerequisites: Indianette Director Approval. This is an introduction to the terminology and general principles of dance. Students learn how to perform beginning and intermediate movements in a variety of dance styles. They will also study choreography and develop artistic judgment as well as self-discipline. Students will learn basic dance and kick movements, stretching techniques, and participate in individual and group routines and projects.

HEALTH, PHYSICAL EDUCATION, AND ATHLETICS

7011 Health Education I - Grade 9, 1/2 credit. Emphasis is on the student's acquiring practical knowledge and skills related to all aspects of their health. Having a positive attitude for living healthy and encouraging good choices when it comes to one's personal health.

Physical Education - Activities are designed to establish self-discipline and self-confidence. The program includes rules, history, and skills of team and lifetime sports. One credit of physical education and/or a physical education equivalent are required for graduation. A maximum of two credits of physical education or a physical education equivalent can count toward state graduation requirements.

7151/7152 Foundations of Personal Fitness & Adventure/Outdoor Education - Boys. Grade 9, 1 credit.

7153/7154 Foundations of Personal Fitness & Adventure/Outdoor Education - Girls. Grade 9, 1 credit.

7161/7162 Cross Training - Girls. 1/2-1 credits.

7172 Team Sports - Boys. Grades 10-12, 1/2 credit.

7173 Team Sports - Boys. Grades 10-12, 1/2 credit.

7181 Aerobics Activities - Girls. Grades 10-12, 1/2 credit.

7183 Team Sports - Girls. Grades 10-12, 1/2 credit.

7191/7192 Cross Training - Boys. 1/2-1 credits.

Athletics - Participation in the athletic program is based on tryouts which are available to all interested students. Admission is based upon Coach Approval.

7211/7219 Football Athletics - Grade 9, 1 credit. (Coach Approval)

7221/7229 Football Athletics - Grades 10-12, 1 credit. (Coach Approval)

7241/7249 Baseball Athletics - Grades 10-12, 1 credit. (Coach Approval)

7251/7259 Boys Golf Athletics - Grades 10-12, 1 credit. (Coach Approval)

7261/7269 Boys Basketball Athletics - Grades 10-12, 1 credit. (Coach Approval)

7281/7289 Boys Soccer Athletics - Grades 10-12, 1 credit. (Coach Approval)

7311/7319 Girls Athletics - Grade 9, 1 credit. (Coach Approval)

7332 Girls Golf Athletics - Grades 10-12, 1/2 credit. (Coach Approval)

7341/7349 Tennis Athletics - Grades 10-12, 1 credit. (Coach Approval)

7351/7359 Volleyball Athletics - Grades 10-12, 1 credit. (Coach Approval)

7361/7369 Girls Basketball Athletics - Grades 10-12, 1 credit. (Coach Approval)

7371/7379 Softball Athletics - Grades 10-12, 1 credit. (Coach Approval)

7372/7378 Girls Soccer Athletics - Grades 10-12, 1 credit. (Coach Approval)

7381/7389 Cheerleading - Grades 11-12, 1 credit. (Sponsor Approval)

7391 Indianettes - Grades 10-12, 1 credit. (Sponsor Approval)

CAREER & TECHNOLOGY

STEM ENDORSEMENT

8821 Robotics I - Grades 9-10, 1 credit. In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

8822 Robotics II - Grades 10-12, 1 credit. Prerequisite: Robotics I. In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

8321 Engineering Design and Presentation I - Grades 10-12, 1 credit. Prerequisite: Principals of Architecture recommended. Emphasis is placed on the production and presentation of working drawings, solid model renderings, and prototypes. Students will explore career opportunities in engineering, technology and drafting.

PUBLIC SERVICE ENDORSEMENT

8141 Principles of Law, Public Safety, Corrections and Security - Grades 9-11, 1 credit. This course introduces students to professions in law enforcement, security,

corrections, and fire and emergency management services. It also provides an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

8111 Law Enforcement I - Grades 10-12, 1 credit. This course provides an overview of the history, organization, functions and ethical standards of local, state and federal law enforcement. It explains how citizens are protected by constitutional laws on local, state, and federal levels and includes crime categories and punishments, law enforcement terminology and an introduction to crime scene analysis and traffic incident investigation. Dual credit is available for students who meet admissions requirements through Lamar State College Port Arthur for Introduction to Criminal Justice (CRIJ 1301).

8121 Law Enforcement II - Grades 11-12, 1 credit. Law Enforcement I recommended. Provides the knowledge and skills necessary to provide for a career in law enforcement including conflict resolution and anger management, how to evaluate body language, manage crisis situations and maintain public safety. Processes for serving warrants are included along with interview and interrogation techniques. Dual credit is available for students who meet admissions requirements through Lamar State College Port Arthur for Court Systems and Practices (CRIJ 1306).

8191 Practicum in Law, Public, Safety, Corrections, and Security - Grade 12, 2 credits. Prerequisite: Law Enforcement II and Instructor Approval. This course is designed to give students supervised practical application of previously studied knowledge and skills in the Law, Public Safety, Corrections, and Security cluster.

8421 Principles of Human Services - Grades 9-11, 1 credit. This introductory course provides students with a broad range of valuable life skills including the following: nutrition, decision-making strategies, money management, family studies, child development, and clothing selection.

8431 Instructional Practices in Education and Training (Peer Tutoring) - Grade 12, 2 credits. Prerequisite: Director Approval based on application process. This course is a field-based internship that provides students with principles of effective teaching and classroom management. Students will be assigned to an elementary campus and will assist their mentor teacher with instructional strategies.

8441 Principles of Hospitality and Tourism - Grades 10-11, 1 credit. Hospitality and tourism includes lodging, travel and tourism, recreation, amusements, attractions, and resorts; and restaurants and food and beverage service. Students learn skills to effectively function in various positions within this industry.

8551 Lifetime Nutrition and Wellness - Grades 10-12, 1/2 credit. This course allows students to make informed choices that promote good health and nutrition. Students will demonstrate food safety and sanitation. They will also practice food preparation techniques.

8471 Dollars & Sense – Grades 10-12, ½ credit: This course focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for life after high school.

8571 Child Development - Grades 10-12, 1 credit. This course addresses parenting skills and stages of child development. Students will acquire knowledge about childcare and safety.

8581 Family and Community Services - Grades 10-12, 1 credit. This course is designed to involve students in community service projects. Individuals will develop leadership and character through volunteer work.

8611 Health Science Theory - Grade 11, 1 credit. Introduces students to careers in the medical field and basic concepts and skills necessary for a student to work in a health-care setting. It includes medical terminology, first aid, vital signs, CPR certification, nurse aide skills, and other skills necessary in a variety of medical careers. Good citizenship is a requirement for enrollment in this course.

8612/8619 Practicum in Health Science - Grade 12, 2 credits. Prerequisite: Health Science Theory required. This course involves an in-depth study of careers in the medical field in concepts and skills setting. Students receive nurse aide training and practical application through clinical rotations in various health care settings and/or hospital and pharmaceutical environments. Certification as a Nurse Aide is available to eligible students. No students with a "U" or "N" in conduct will be admitted to this program.

8761 Medical Terminology- Grades 11-12, Credit: 1. The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

8711 Pharmacology - Grade 12, 1 credit. Prerequisite: Health Science Theory. This course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers.

8676 Intro to Cosmetology – Grades 11-12, 1 credit. In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements.

8675 Principles of Cosmetology Design and Color Theory – Grades 11-12, 1 credit. Students will develop knowledge and skills regarding various cosmetology design elements

such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

8671/8678 Cosmetology I - Grade 11, 2 credits. In Cosmetology I, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

8672/8679 Cosmetology II - Grade 12, 2 credits. Prerequisite: COSMO I. In Cosmetology II, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies, and materials; and practical skills. Upon successful completion of this course, the student is eligible to test for their Texas Cosmetology Operator's license.

BUSINESS & INDUSTRY ENDORSEMENT

6211 Professional Communications - Grade 9, ½ credit. This beginners' course in communication covers public speaking, group discussion, interpersonal communication, oral interpretation. The course is required for graduation.

6311 Accounting I - Grades 10-12, 1 credit. Accounting I introduces students to accounting concepts, principles, and procedures. The course emphasizes the skills, knowledge, and attitudes necessary for individuals to conduct personal business or to further their education in the field of accounting.

6321 Accounting II - Grades 11-12, 1 credit. Prerequisite: Accounting I. Accounting II provides the student an opportunity to review and develop accounting principles using technology. The course helps students develop additional skills in applying principles and methods used in accounting systems. It is designed for students interested in continuing their education at the postsecondary level or entering the workforce. Students can earn a Quickbooks Certified User Certification (QBCU).

6731 Business Information Management (BIM) I - Grades 9-12, 1 credit. Students apply

technical skills to address business applications of emerging technologies, create word-processing documents, develop spreadsheets, formulate databases, and make electronic presentations using appropriate software.

6741 Business Information Management (BIM) II - Grades 10-12, 1 credit. Prerequisite: BIM I. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make electronic presentations using appropriate multimedia software.

8721 Principles of Arts, A/V Technology & Communication (Photography/Journalism) - Grades 9-11, 1 credit. Careers in the Arts, Audio/Video Technology, and Communications Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

6692 Graphic Design & Illustration I – Grades 10-12, 1 credit. Prerequisite: Principles of Arts, A/V Technology, & Communication. In addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to collaborate and produce content for print and online publications, such as the War Whoop yearbook, Pow Wow newspaper and NDNPress.com. Adviser approval is required.

6693 Graphic Design & Illustration I / LAB – Grades 10-12, 2 credits. Prerequisites: Principles of Arts, A/V Technology, & Communication. Practicum elective for advanced cluster editors. Adviser approval is required.

8731 Commercial Photography I – Grade 10-12, 1 credit. Prerequisites: Principles of Arts, A/V Technology, & Communication. In addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs

8733 Commercial Photography II – Grade 11-12, 1 credit. Prerequisites: Principles of Arts, A/V Technology, & Communication. Building on skills learned in the Principles and Commercial Photo I, students will develop a proficiency in studio photography, while gaining and understanding corporate communication and marketing career methods through practical application. Adviser approval is required.

8734 Commercial Photography II / LAB – Grade 11-12, 2 credits. Prerequisites: Principles

of Arts, A/V Technology, & Communication. Practicum elective for advanced cluster editors. Adviser approval is required.

6691 Digital Media - Grades 10-12, 1 credit. Prerequisite: Principles of Arts, A/V Technology, & Communication. In addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will focus on visual and technological communication, utilizing social media and other online resources to convey and transmit information. Adviser approval is required.

6811 Digital Art and Animation - Grades 11-12, 1 credit. Prerequisite: Principles of Arts, A/V Technology, & Communication. This course uses digital imaging software to create computer images and animations. Students will produce various real-world projects and animations. Dual credit is available for students who meet admissions requirements through Lamar State College Port Arthur for the online college courses: Digital Arts I (ARTS 2348) and Digital Arts II (ARTS 2349).

6641 Audio/Visual Production I - Grades 9-12, 1 credit. In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an understanding of the industry with a focus on pre-production, production, post-production audio, and video products.

6642 Audio/Visual Production I/LAB - Grades 10-12, 2 credits. In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. Requiring a lab requisite for the course affords necessary time devoted specifically to the production and post-production process.

6643 Audio/Visual Production II - Grades 11-12, 1 credit. Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video.

6644 Audio/Visual Production II/LAB - Grades 11-12, 2 credits. Building upon the concepts taught in Audio/Video Production, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills. Requiring a lab requisite for the course affords necessary time

devoted specifically to the production and post-production process.

6645 Practicum in Audio/Visual Production - Grades 11-12, 2 credits. Building upon the concepts taught in Audio/Video Production II and its co-requisite Audio/Video Production II Lab, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

8681 Computer Maintenance - Grade 11, 1 credit. In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies. Electronic background is preferred.

8682/8689 Computer Technician Practicum - Grade 12, 2 credits. Prerequisites: Computer Maintenance and teacher recommendation required. Students explore and practice the diagnostics and maintenance of computers and peripherals. From time to time, students may travel to various campus locations throughout the district in order to provide diagnostic and repair service. A+ Industrial Certification is available to students at this level

8351 Principles of Manufacturing - Grades 10-12, 1 credit. In Principles of Manufacturing, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers. This is an introductory course for Welding and HVAC, and Automotive.

8643/8648 Welding I - Grade 11, 2 credits. This course provides training in all phases of electric arc and oxygen- acetylene welding as well as metal inert gas (MIG), tungsten inert gas (TIG, HELIARC), and carbon arc cutting. Instruction provided by computer and classroom instruction prepares the student for entry- level employment in industrial welding.

8644/8649 Welding II - Grade 12, 2 credits. Prerequisite: Welding I. This course provides training in all phases of electric arc and oxygen- acetylene welding as well as metal inert gas (MIG), tungsten inert gas (TIG, HELIARC), and carbon arc cutting. Instruction provided by computer and classroom instruction prepares the student for entry- level employment in industrial welding.

8644/8649 Welding II with Lab - Grade 12, 3 credits. Prerequisite: Welding I. This course

provides training in all phases of electric arc and oxygen- acetylene welding as well as metal inert gas (MIG), tungsten inert gas (TIG, HELIARC), and carbon arc cutting. Instruction provided by computer and classroom instruction prepares the student for entry- level employment in industrial welding.

8231 Practicum in Manufacturing - Grades 11-12, 2 credits. The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students shall be awarded one credit for successful completion of this course.

8663 Heating, Ventilation, Air Conditioning, and Refrigeration - Grade 11, 1 credit, 2 blocks. This course instructs students in the use of amp-meters, volt meters, ohm meters, vacuum pumps, amp probes, watt meters, electronic leak detectors, and refrigeration system analyzers. Students become competent in troubleshooting in electronic schematics. Dual credit is available for students who meet admissions requirements through Lamar State College Port Arthur.

8664 Heating, Ventilation, Air Conditioning, and Refrigeration II - Grade 12, 2 credits. Prerequisite: HVAC I. Students will acquire knowledge and skills in safety, electrical theory, use of tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices.

8211 Practicum in Construction Technology - Grades 11-12, 2 credits. In Practicum in Construction Technology, students will be challenged with the application of gained knowledge and skills from Construction Technology I and II. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.

8651/8658 Automotive Technology I - Grade 11, 2 credits, 2 blocks. This pre-employment lab is designed to provide basic preparatory skills for the Advanced Automotive Technology course offers in Grade 12.

8653 Automotive Technology II - Grade 12, 2 credits. Prerequisite: Automotive Technology I. This pre-employment lab course provides job-specific training for entry level employment in the automotive technician career field. It includes use of repair manuals, computer analyzers, and repair and replacement of basic components of an automobile.

8653/8659 Automotive Technology II with Lab - Grade 12, 3 credits. Prerequisite: Automotive Technology I. This pre-employment lab course provides job-specific training for entry level employment in the automotive technician career field. It includes use of repair manuals, computer analyzers, and repair and replacement of basic components of an automobile.

8251 Practicum in Transportation Systems - Grades 11-12, 2 credits. The Practicum in

Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab-based or work-based.

8261 Introduction to Process Technology – Grades 11-12, 1 credit. Students who meet admission requirements through Lamar State College Port Arthur will travel to LSCPA to gain supervised practical application experience and will receive credit for Introduction to Process Technology (PTAC 1302)

8262 Petrochemical Safety; Health, & Environment – Grades 11-12, 1 credit. Students who meet admission requirements through Lamar State College Port Arthur will travel to LSCPA to gain supervised practical application experience and will receive credit for Safety, Health, & Environment I (PTAC 1408),

8311 Principles of Architecture - Grades 9-12, 1 credit. Students learn the basics of Computer Aided Drafting (CAD) as used to draw, design and plan architectural and mechanical construction. Emphasis is placed on the operation of CAD software used in engineering and drafting careers. This course is also helpful if interested in interior design or advertising design careers.

8331 Architectural Design I - Grades 11-12, 1 credit. Prerequisite: Engineering Design and Presentation I preferred. Explores architectural design, design theory, techniques, and tools relating to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes.

8381 Electrical Technology I - Grades 10-12, 1 credit. This is a laboratory-oriented course that teaches concepts and skills related to electronic theory designed to provide students with the electronic background essential to diagnose and construct computers and peripherals.

8391/8398 Electrical Technology II - Grade 12, 2 credits. Recommended prerequisite: Electrical Technology I or Instructor Approval. In this course students acquire skills in safety, electrical theory, tools, codes, alternating and direct current motors, and installation of electrical equipment and services. A partnership exists with IBEW/ NECA enabling students successfully completing the program preference in applying for entry into the Beaumont Electrical J.A.T.C. apprenticeship program.

COOPERATIVE PROGRAMS

These programs provide on-the-job training on a part-time basis under actual working conditions for at least 15 hours per week. The students work half of the day and go to school half of the day. The student's school time is devoted to high school courses required for graduation, including a course introducing information related to the occupation for which he or she is being trained.

8741 Practicum in Business Management I - Grades 11-12, 2 credits. Prerequisite: BIM I is recommended. This program includes advanced concepts and skills necessary for successful employment in the office occupational careers. Special emphasis is placed on keyboarding, records management, communications, operation of office machines, and the electronic production of business documents. 13012200

8742 Practicum in Business Management II (second time taken) - Grade 12, 2 credits. Prerequisite: Practicum in Business Management I This program includes advanced concepts and skills necessary for successful employment in the office occupational careers. Special emphasis is placed on keyboarding, records management, communications, operation of office machines, and the electronic production of business documents for goods, services, and ideas. Students will apply these principles and concepts in marketing and non-marketing careers. 13012210

8623 Career Preparation I -Grades 11-12, 2 credits. This program provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. 12701300

8624 Career Preparation II -Grade 12, 2 credits. This program develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. 12701400

Texas Virtual School Network (TxVSN)

TxVSN is a state-led initiative for online learning. The Texas Virtual School Network (TxVSN) has been established as one method of distance learning. A student has the option, with certain limitations, to enroll in a course offered through the TxVSN to earn course credit for graduation. Interested students should see the counselor for information.

The District may deny a request to enroll a student in an electronic course if:

**A student attempts to enroll in a course load that is inconsistent with the student's high school graduation plan or requirements for college admission or earning an industry certification.

**The student requests permission to enroll in an electronic course at a time that is not consistent with the enrollment period established by the district providing the course; or

**The District offers a similar course.

Additional Courses by Counselor Recommendation

Port Neches-Groves High School has designated a selection of courses to fulfill legislative requirements for any student who does not perform satisfactorily on the state assessments or who is not likely to receive a high school diploma before the fifth school year following the student's enrollment in Grade 9. Enrollment in these state compensatory education courses is based on counselor recommendation, administrative approval, and parent approval.

Algebra Lab

Reading

Credit Recovery English I, II, and III

Credit Recovery World Geography

Credit Recovery World History

Credit Recovery IPC

Credit Recovery Biology

Credit Recovery Algebra I

Credit Recovery Geometry

EOC Content Area Courses

