

Port Neches-Groves High School



Course Selection Guide 2023-2024

Port Neches-Groves High School is a comprehensive high school, serving approximately 1,700 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: Mike Ballew, Amber Oleksy & Don Sandell

Assistant Principal, Student Activities: Jon Deckert

High School Curriculum Coordinator: Brett McPhatter

Counselors' Office

Phone Number: 729-7644 #114 or #115

Ann Daniels, Rachel Lawson,

Melissa McCullough, Paisley Ware and Kelley Wueller

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 **Foundations + 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 Foundations + 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. History, U.S. History, Government & Economics)	3
• Foreign Language	2
• Physical Education	1
• Fine Arts	1
• Computer Course (Business Information Management (BIM I or Computer Science I)	1
• Professional Communications	½
• Health	½
• Electives	5

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

Advanced Placement Classes

The Advanced Placement classes (Honors 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 Honors or AP class. The school will establish a timeline for consideration of these requests. Administrator approval required.

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

Texas Woman's University has partnered Port Neches Groves High School to facilitate our dual enrollment program, which allows high school students to take essential university courses taught by their adjunct professor high school teacher and/or a university professor 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.

The Dual Enrollment /AP/Honors Courses Offered are:

- **Elementary Analysis I – 3-hour college course (1st Sem. Only)**
 - o TCCNS: MATH 1314; TWU Course Code MATH 1303
- **Elementary Analysis II – 3-hour college course (2nd Sem. Only)**
 - o TCCNS: MATH 1316; TWU Course Code MATH 1313
- **Calculus I – 4-hour college course (2nd Sem. Only)**
 - o TCCNS: MATH 2413; TWU Course Code MATH 2014
- **Principles of Biology I – 3-hour college course (1st Sem. Only)**
 - o TCCNS: BIOL 1406; TWU Course Code BIOL 1113
 - o Principles of Biology I Lab – 1-hour college course (1st Sem. Only)
 - o TCCNS: BIOL 1406; TWU Course Code BIOL 1111
- **Principles of Biology II – 3-hour college course (2nd Sem. Only)**
 - o TCCNS: BIOL 1407; TWU Course Code BIOL 1123
 - o Principles of Biology II Lab – 1-hour college course (2nd Sem. Only)
 - o TCCNS: BIOL 1407; TWU Course Code BIOL 1111
- **Composition I – 3-hour college course (1st Sem. Only)**
 - o TCCNS: ENGL 1301; TWU Course Code: ENG 1013
- **Composition II – 3-hour college course (2nd Sem. Only)**
 - o TCCNS: ENGL 1302; TWU Course Code: ENG 1023
- **English Literary Masterpieces I – 3-hour college course (1st Sem. Only)**
 - o TCCNS: ENGL 2322; TWU Course Code: ENG 2013

- **English Literary Masterpieces II – 3-hour college course (2nd Sem. Only)**

- o TCCNS: ENGL 2323; TWU Course Code: ENG 2023

TWU Dual Credit Eligibility Requirements: (1) Meet established admissions requirements at TWU as well as appropriate prerequisites for any course, (2) Comply with the state-mandated Texas Success Initiative (TSI) requirements, (3) Complete the TWU High School Dual Enrollment Signature Permission form acquiring the appropriate school and parental signatures, and (4) Submit payment associated with enrolling in a dual credit college course(s).

PNG courses currently available for LSCPA Dual Credit are:

- Practicum in Manufacturing (PTAC 1302, 1408, 1410, & 1432)

For acceptance into the LSCPA Dual Credit Programs, 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.

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 up 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 – Honors; English II – Honors; English III – DC Honors; English IV – DC Honors
- Algebra II – Honors; Geometry – Honors; Pre-Calculus; Pre-Calculus – Honors; Calculus – AP
- Biology I – Honors; Chemistry I – Honors; Physics I – AP; Biology II – AP; Chemistry II – AP; Physics C: Mechanics – AP
- World History – Honors; U.S. History – AP; U.S. Government – AP; Economics – AP
- ASL III – Honors; ASL IV – Honors; Spanish III – Honors; 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	<ul style="list-style-type: none"> ●Concert Choir I ●Advanced Vocal Technique I ●Music History 	<ul style="list-style-type: none"> ●Concert Choir II ●Mixed Choir I ●Advanced Vocal Technique I ●Music History 	<ul style="list-style-type: none"> ●Concert Choir III ●Mixed Choir II ●Advanced Vocal Technique I ●Music History 	<ul style="list-style-type: none"> ●Concert Choir IV ●Mixed Choir III ●Advanced Vocal Technique I ●Music History
Theatre Arts	<ul style="list-style-type: none"> ●Theatre Arts I ●Tech Theatre I ●MusicTheatre I 	<ul style="list-style-type: none"> ●Theatre Arts II ●Tech Theatre II ●MusicTheatre II ●Theatre Production 	<ul style="list-style-type: none"> ●Theatre Arts III ●Tech Theatre III ●MusicTheatre III ●Theatre Production 	<ul style="list-style-type: none"> ●Theatre Arts IV ●Tech Theatre IV ●MusicTheatre IV ●Theatre Production
Visual Arts	<ul style="list-style-type: none"> ●Art I ●Art & Media Communication 	<ul style="list-style-type: none"> ●Art II ●Art & Media Communication 	●Art III	●Art IV
Languages Other Than English	<ul style="list-style-type: none"> ●Completion of four (4) levels of the same language other than English <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ●Completion of five (5) social studies courses including World History, U.S. History, Government, Economics, Psychology, Sociology and 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	<ul style="list-style-type: none"> ●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	<ul style="list-style-type: none"> ●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	<ul style="list-style-type: none"> ●Completion of five (5) credits in science including Biology, Chemistry, Physics, and two additional science courses 			

Combination	<ul style="list-style-type: none"> •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
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Multidisciplinary

Pathway	9th Grade	10th Grade	11th Grade	12th Grade
Option I	<ul style="list-style-type: none"> •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	<ul style="list-style-type: none"> •Completion of four (4) credits in each of the four foundation subject areas to include English IV and chemistry and/or physics 			
Option III	<ul style="list-style-type: none"> •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
CTE	<ul style="list-style-type: none"> •BIM I •Principles of Applied Engineering •Principles of Arts A/V Technology, & Comm. 	<ul style="list-style-type: none"> •BIM II •Accounting I •Engineering Design & Presentation •Robotics I •Graphic Design I •Commercial Photography I •Audio/Video Production I •Principles of Construction •Intro to Welding •Automotive Basics 	<ul style="list-style-type: none"> •Accounting II •Comp. Maint. I •Career Prep I •Electrical Tech. I •Printing & Imaging Tech I •Graphic Design II •Commercial Photography II •Robotics II •Practicum in Business Mgt. •Practicum in Manufacturing I •Audio/Video Production II •HVAC I •Welding I •Automotive I 	<ul style="list-style-type: none"> •Stats & Risk Mgmt. •Digital Design & Media Production •Electrical Tech. II •Comp. Maint. II •Comp. Technician Practicum •Career Prep II •Automotive II •Practicum in Manufacturing II •HVAC II •Welding II •Printing & Imaging Tech II w/Lab
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	<ul style="list-style-type: none"> •Prin. of Human Service •Prin. of Law, Public Safety, Corrections and Security 	<ul style="list-style-type: none"> •Intro. to Cosmetology •Dollars & Sense •Nutrition & Wellness •Principles of Cosmetology Design & Color Theory •Law Enforce. I •Human Growth & Development •Medical Terminology 	<ul style="list-style-type: none"> •Family & Community Service •Cosmetology I w/Lab •Forensic Science •HOSA I (Health Science Theory) •Law Enforce. II 	<ul style="list-style-type: none"> •Inst. Pract. in Education & Training (Peer Tutoring) •Cosmetology II w/Lab •HOSA II (Pract. in Health Science) •Pharmacology •Practicum in Law, Public Safety, Corrections and Security •Practicum in Human Services

Grade 9

1111 English I
1112 English I – Honors
1211 Spanish I
1351 American Sign Language I
8721 Principles of Arts, A/V Technology & Communication
3121 Algebra I
3132 Geometry – Honors
4121 Integrated Physics and Chemistry (IPC)
4212 Biology I – Honors
5110 Concert Band (Director Approval)
5211 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)
7351/7359 Volleyball Athletics (Coach Approval)
8141 Principles of Law, Public Safety, Corrections and Security
8421 Principles of Human Services
8831 Principles of Applied Engineering

Grade 10

1121 English II
1122 English II – Honors
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)
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 – Honors
2511/2611 Psychology/Sociology
2711 Personal Financial Literacy (½ credit)
3131 Geometry
3211 Algebra II
3212 Algebra II – Honors
4211 Biology I
4212 Biology I – Honors

4412 Chemistry I – Honors
5110 Concert Band (Director Approval)
5121/5129 Symphonic Band (Director Approval)
5131/5139 Wind Ensemble (Director Approval)
5211 Concert Choir (Director Approval)
5221 Mixed Choir (Director Approval)
5231 Advanced Vocal Technique (Director Approval)
5241 Indian Chorale (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 I (Director Approval)
6311 Accounting I
6731 Business Information Management (BIM) I
6741 Business Information Management (BIM) II
6911 Computer Science I
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
8312 Principles of Construction
8321 Engineering Design and Presentation I
8421 Principles of Human Services
8471 Dollars & Sense (1/2 credit)
8551 Lifetime Nutrition and Wellness (½ credit)
8571 Human Growth & Development
8640 Introduction to Welding
8650 Automotive Basics
8675 Principles of Cosmetology Design & Color Theory
8676 Introduction to Cosmetology
8761 Medical Terminology (Director Approval)
8821 Robotics I
8831 Principles of Applied Engineering

Grade 11

1131 English III
1132D English III – Honors
1211 Spanish I
1221 Spanish II
1232 Spanish III – Honors
1351 American Sign Language I
1352 American Sign Language II
1353 American Sign Language III - Honors
6692 Graphic Design I (Director Approval)
6693 Graphic Design I/ LAB (Director Approval)
6694 Graphic Design II (Director Approval)
6695 Graphic Design II/ LAB (Director Approval)
8731 Commercial Photography (Director Approval)
8733 Commercial Photography II (Director Approval)
8734 Commercial Photography II/ LAB (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)
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 – Honors
3313D Pre-Calculus
4222D Biology II – AP
4311 Anatomy & Physiology
4411 Chemistry I
4412 Chemistry I – Honors
4422 Chemistry II – AP
4511 Physics I
4512 Physics I – 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)
5211 Concert Choir (Director Approval)
5221 Mixed Choir (Director Approval)
5231 Advanced Vocal Technique (Director Approval)
5241 Indian Chorale (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 I (Director Approval)
 5621 Dance II (Director Approval)
 6311 Accounting I
 6321 Accounting II
 6511 Printing & Imaging Technology I (1 credit)
 6521 Printing & Imaging Technology I with Lab (2 credit)
 6731 Business Information Management (BIM) I
 6741 Business Information Management (BIM) II
 6911 Computer Science I
 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
 8321 Engineering and Design Presentation I
 8331 Architectural Design I
 8381 Electrical Technology I
 8421 Principles of Human Services
 8551 Lifetime Nutrition and Wellness (½ credit)
 8471 Dollars & Sense (1/2 credit)
 8571 Human Growth & Development
 8581 Family and Community Services
 8611 Health Science Theory (HOSA I)
 8761 Medical Terminology (Director Approval)
 8623 Career Preparation I (2 credits) (3-4 blocks)
 8631D/8632D Practicum in Manufacturing I (2 credits)
 8643/8648 Welding I (2 credits) (2 blocks)
 8651/8658 Automotive Tech I (2 credits) (2 blocks)
 8663 Heating, Ventilation, Air Conditioning, and Refrigeration I (1 CTE credit)

8671/8678 Cosmetology I (2 credits)
 8673 Cosmetology I Lab (1 credits)
 8681 Computer Maintenance
 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
 1141D English IV – Honors
 1211 Spanish I
 1221 Spanish II
 1232 Spanish III – Honors
 1242 Spanish IV – AP
 1351 American Sign Language I
 1352 American Sign Language II
 1353 American Sign Language III
 1354 American Sign Language IV - Honors
 6692 Graphic Design I (Director Approval)
 6693 Graphic Design I/ LAB (Director Approval)
 6694 Graphic Design II (Director Approval)
 6695 Graphic Design II/ LAB (Director Approval)
 8731 Commercial Photography (Director Approval)
 8733 Commercial Photography II (Director Approval)
 8734 Commercial Photography II/ LAB (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 in 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
 3313D Pre-Calculus
 3322 Calculus – AP
 3721 Statistics
 4222D Biology II – AP
 4311 Anatomy & Physiology
 4411 Chemistry I
 4422 Chemistry II - AP
 4511 Physics I
 4522 Physics C: Mechanics - 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)
 5211 Concert Choir (Director Approval)
 5221 Mixed Choir (Director Approval)
 5231 Advanced Vocal Technique (Director Approval)
 5241 Indian Chorale (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 I (Director Approval)
 5621 Dance II (Director Approval)
 5631 Dance III (Director Approval)
 6311 Accounting I
 6321 Accounting II
 6511 Printing & Imaging Technology I (1 credit)
 6521 Printing & Imaging Technology I with Lab (2 credit)
 6531 Printing & Imaging Technology II (1 credit)
 6541 Printing & Imaging Technology II with Lab (2 credit)
 6911 Computer Science I
 6631 Digital Design & Media Production (Sports Media & Marketing)
 6731 Business Information Management (BIM) I
 6741 Business Information Management (BIM) II
 7162 Girls P.E. – Cross Training (½ -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)
 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
8191/8198 Practicum in Law, Public Safety, Corrections
and Security (2 credits)
8321 Engineering Design and Presentation I
8331 Architectural Design I
8381 Electrical Technology I
8391/8398 Electrical Technology II
8431/8439 Peer Tutoring (2 credits) (2 blocks)
8551 Lifetime Nutrition and Wellness (½ credit)

8471 Dollars & Sense (1/2 credit)
8571 Human Growth & Development
8581 Family and Community Services
8612/8619 Practicum in Health Science (2 credits)
8761 Medical Terminology (Director Approval)
8623 Career Preparation I (2 credits) (3-5 blocks)
8624 Career Preparation II (2 credits) (3-5 blocks)
8643/8648 Welding I (2 credits) (2 blocks)
8644/8649 Welding II (2 credits) (2 blocks)
8645 Welding II with Lab (3 credits) (3 blocks)
8633D/8634D Practicum in Manufacturing II (2 credits)
8652/8659 Automotive Tech II (2 credits) (2 blocks)
8655 Automotive Tech II w/Lab (3 credits) (3 blocks)
8664 Heating, Ventilation, Air Conditioning and
Refrigeration II (1 credit)

8665 Heating, Ventilation, Air Conditioning and
Refrigeration II w/Lab (1 credit)
8672/8679 Cosmetology II (2 credits)
8674 Cosmetology II Lab (1 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)
8771/8778 Practicum in Human Services (2 credits) (2
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 addressed through problem solving and literary analysis. Vocabulary study emphasized.

1112 English I – Honors - 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 emphasized.

1121 English II - Grade 10, 1 credit. The 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 emphasized.

1122 English II – Honors - 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 emphasized.

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

1132D English III – Honors - Grade 11, 1 credit. Prerequisite: English II Honors. Recommended: A/B average and elevated 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 TWU for Composition I (ENGL 1301 & 1302). 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 studied. The content includes a study of the development of British literature. Independent reading and vocabulary study will be required.

1141D English IV -Honors - Grade 12, 1 credit. Prerequisite: English III-DC. Co-enrollment with TWU. This is a college level English course taught on the PNGHS campus. Students enrolled in this English 4 courses will receive dual credit. High school credit for English 4 may be earned concurrently with up to 6 hours

college credit. Students are responsible for all tuition costs and books.

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 – Honors - Grades 11-12, 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. The 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 – Honors Grades 11-12, 1 credit. Prerequisite: Recommended "B" or better in ASL II. 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.

1354 American Sign Language IV – Honors Grades 12, 1 credit. Prerequisite: Recommended "B" or better in ASL III, if lower, teacher approval required. Students will expand their ability to perform intermediate-to-advanced language skills when dealing with everyday topics, should understand ASL phrases receptively and respond expressively with learned material at an intermediate-to-advanced proficiency level; sign learned words, concepts, phrases, and sentences at an intermediate-to-advanced proficiency level; apply acquired knowledge of Deaf cultural norms to the development of communication skills; and apply knowledge of the components of ASL to increase accuracy of expression. Students use

expressive and receptive skills for comprehension.

LOCAL ELECTIVES

1117 English I-EOC - Grades 9-12, 1 credit, (local credit).

1127 English II-EOC - Grades 9-12, 1 credit, (local credit).

2217 US History -EOC - Grades 9-12, 1 credit, (local credit).

3127 Algebra I-EOC - Grades 9-12, 1 credit, (local credit).

4217 Biology I-EOC - Grades 9-12, 1 credit, (local credit).

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 required.

9812 Office Assistant

8111/8112 Study Hall

SOCIAL STUDIES

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

2122 World History – Honors - 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 momentous 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 at 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 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)

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 fiscal responsibility.

2511 Psychology - Grades 10-12, 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 10-12, 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.

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 students are introduced to formal mathematical proofs based on facts, logic, and reasoning.

3132 Geometry – Honors - Grade 9, 1 credit. Prerequisite: Algebra I in eighth 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 – Honors - Grade 10, 1 credit. Prerequisite: Geometry – Honors 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 – Honors - Grade 11, 1 credit. Prerequisite: Algebra II – Honors. Students can receive college credit for College Pre-Calculus I & II (MATH 2311 & 2312). This class is a preparation for AP Calculus.

3313D Pre-Calculus - 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. Dual credit is available for students who meet admissions requirements through TWU for Elementary Analysis I & II (Math 1303 & 1313).

3322D Calculus – AP - Grade 12, 1 credit. Prerequisite: Elementary Analysis I (MATH 1303) AND Elementary Analysis II (MATH 1313) 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. Dual credit is available for students who meet admissions requirements through TWU for Calculus I (Math 2014).

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 – Honors - Grades 9-10, 1 credit. This lab-oriented course is designated for students who are interested in a career in science. A more rigorous course than Biology I.

4222D Biology II – AP - Grades 11-12, 1 credit. Prerequisites: Biology I – Honors, and Chemistry I – Honors. (Dual Enrollment-Principles of Biology I) Focus in this advanced-level lab-oriented course will be on concepts and principles of specific life processes. Mathematics applications emphasized. A dual

credit 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 investigated through lectures, demonstrations, readings, and laboratory work. This course will allow you to improve your problem-solving skills and to begin to connect school with the real world.

4412 Chemistry I – Honors - Grade 10-11, 1 credit. Prerequisites: Biology I – Honors 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. A 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 Honors 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. The course prepares students to pass the AP Chemistry test.

4511 Physics I - Grades 10-12, 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 – AP - Grade 10-11, 1 credit. Prerequisites: Biology I, and/or concurrently Chemistry I – Honors. Students must be enrolled or have completed Algebra II. Topics include mechanics such as force and motion, energy, momentum, rotational motion as well as simple harmonic motion. The course emphasizes critical thinking skills and application of learned material. This course is lab - oriented and will practice experimental design and interpretation while working collaboratively with colleagues. This course is designed to pass the AP Physics I test which is equivalent to one college semester. Strongly recommended for students planning to specialize or major in the sciences in college. After the AP Test, will pick up concepts of electricity and waves.

4522 Physics C: Mechanics – AP - Grade 11-12, 1 credit. Prerequisites: Physics I – AP, Chemistry I – Honors, Pre-Cal and/or Calculus concurrently. The Physics C: Mechanics course

is equivalent to a one-semester, calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. Introductory differential and integral calculus are used throughout the course. This course is lab - oriented and designed to pass the AP C Mechanics Physics test. It is strongly recommended for the Engineering fields.

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/UIIL 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/UIIL 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/UIIL individual and group activities 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/ UIIL activities. This course is for the student who has a special ability and desires to excel in individual instrumental performance.

5211 Advanced Treble - Grades 9-12, 1 credit. Prerequisite: Audition and Director Approval required. For females, this treble chorus is for

students who are proficient in vocal ability. Emphasis is on music, which is more vocally demanding, and a student requirement to perform in concerts and to participate in TMEA and/or UIL contests.

5231 Advanced Vocal Techniques - Grades 10-12, 1 credit. Prerequisite: also enrolled in a choir class or director approval. This course is for vocal students who have a desire to excel in vocal performance. Students will receive more individualized music instruction as well as basic piano skills, foreign language diction, help with regional auditions, UIL solos, further music theory knowledge, and help with college auditions.

5241 Indian Chorale - Grades 10-12, 1 credit. Prerequisite: Audition and Director Approval required. This advanced mixed chorus is for students who are proficient in vocal ability. Emphasis is on music, which is more vocally demanding, and a student requirement to perform in concerts and to participate in TMEA and UIL contests.

5251 Treble Choir - Grades 9-12, 1 credit. For females, students in this treble chorus should demonstrate a basic knowledge of music theory, sight-reading, pitch, tone, and vowel production. Students are expected to represent the school in concerts with opportunities to participate in TMEA and UIL contests.

5271 Music History - Grades 9-12, 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.

5281 Tenor/Bass Choir - Grades 9-12, 1 credit. For males, students in this tenor/bass chorus should demonstrate a basic knowledge of music theory, sight-reading, pitch, tone, and vowel production. Students are expected to represent the school in concerts with opportunities to participate in TMEA and UIL contests.

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 an 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 combine 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 the 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 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 Theatre 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. The history of theatre and opportunities to attend a live theatre are 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 10-12, 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. Experience in acting and stagecraft 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. Experience in acting and stagecraft 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.

5621 Principles of Dance II – Grades 10-12, 1 credit. Prerequisites: Indianette Director Approval and Principles of Dance I. This is an advanced course which further extends skills and concepts introduced in Dance I. Students extend learning of concepts, performance, and movements in a variety of dance styles. They will also continue the study of choreography and develop artistic judgment as well as self-discipline. Students will learn advanced dance and kick movements, stretching techniques, and participate in individual and group routines and projects.

5631 Principles of Dance III – Grades 10-12, 1 credit. Prerequisites: Indianette Director Approval and Principles of Dance II. This is an advanced course which further extends skills and concepts introduced in Dance II. Students extend learning of concepts, performance, and movements in a variety of dance styles. They will continue the study of choreography and expand their developed artistic judgment as well as self-discipline. Students will continue project work and explore career opportunities and develop performance evaluation skills.

HEALTH, PHYSICAL EDUCATION, AND ATHLETICS

7011 Health Education I - Grade 9, 1/2 credit. The emphasis is on the students acquiring practical knowledge and skills related to all aspects of their health. Appreciation towards living healthily 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.

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.

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)

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

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

8821 Robotics I - Grades 10-11, 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 11-12, 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.

8831 Principles of Applied Engineering - Grades 9-10, 1 credit. 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 evaluate their designs. Additionally, students will explore career opportunities, employer expectations and educational needs in the Science, Technology, Engineering and Math (STEM) fields.

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, 3/2021and 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.

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 included along with interview and interrogation techniques.

8191/8198 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.

8431/8439 Instructional Practices in Education and Training (Peer Tutoring) - Grade 12, 2 credits. Prerequisite: PHS, Human Growth & Development courses and 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 assigned to an elementary campus will assist their mentor teacher with instructional strategies.

8551 Lifetime Nutrition and Wellness - Grades 10-12, ½ 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 Human Growth & Development - Grades 10-12, 1 credit. This course is an examination of human development across the lifespan with an emphasis on developmental milestones.

8581 Family and Community Services - Grades 11-12, 1 credit. This course implements student involvement in community service projects. Individuals will develop leadership and character through volunteer work.

8611 Health Science Theory - Grade 11, 1 credit. Medical Terminology recommended. 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. Medical Terminology recommended. 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 qualify for this program.

8761 Medical Terminology- Grades 10-12, 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. In this course, students will 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.

8675 Principles of Cosmetology Design and Color Theory (Spring Semester) – Grades 10, 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.

8676 Intro to Cosmetology (Fall Semester) – Grades 10, 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.

8671/8678 Cosmetology I - Grade 11, 2 credits. Requirements: Students must take Cosmetology I Lab, have received 120 clocked hours in Intro. Cosmetology & Color Design course, and will be expected to purchase their own Cosmetology Kit, TDLR permit and uniform (estimate of \$300). 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.

8673 Cosmetology I Lab - Grade 11, 1 credit, In Cosmetology I with Lab, 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: Intro. to COSMO & Color Design, COSMO I & 500 total clocked hours. 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 take their Texas Cosmetology Operator's license.

8674 Cosmetology II with Lab - Grade 12, 1 credit, 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 take their Texas Cosmetology Operator's license.

8771/8778 Practicum in Human Services - Grade 12, 2 credit. Prerequisite: PHS and Director Approval based on application process & having previously taken FCS or Human Growth & Development courses is highly recommended. This course focuses on hands-on experience in giving back to the community while gaining valuable soft skills. Students will be assigned to local businesses, schools, and non-profit organizations. Students will earn 160 community service hours along with an industry-based certification.

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 a requirement for graduation.

6311 Accounting I - Grades 10-12, 1 credit. Accounting I introduce 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 with 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).

6511 Printing & Imaging Technology I - Grades 11-12, 1 credit. Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communication Career Cluster, students will be expected to develop an understanding of the printing industry with a focus on digital prepress and digital publishing.

6521 Printing & Imaging Technology I with Lab - Grades 11-12, 2 credits. Prerequisite: Director's Approval.

6531 Printing & Imaging Technology II - Grades 11-12, 1 credit. In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communication Career Cluster, students are expected to develop an advanced understanding of the printing industry with a focus on digital prepress and desktop digital publishing.

6541 Printing & Imaging Technology II with Lab - Grades 11-12, 2 credits. Prerequisites: Director's Approval.

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.

6911 Computer Science I - Grades 10-12, 1 credit. Prerequisite: Algebra I. This course fosters students' creativity and innovation by presenting opportunities to design, implement and present meaningful programs through a variety of media. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

8721 Principles of Arts, A/V Technology & Communication - 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 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 required.

6694 Graphic Design & Illustration II - Grades 11-12, 1 credit. Prerequisite: Graphic Design & Illustration I. Building on the skills learned in Graphic Design & Illustration I, students will become proficient in the process of desktop publishing, including editorial leadership skills, theme-building and conceptual design. Adviser approval required.

6695 Graphic Design & Illustration II / LAB - Grades 11-12, 2 credits. Prerequisite: Graphic Design & Illustration I. Building on the skills learned in Graphic Design & Illustration I, students will become proficient in the process of desktop publishing, including editorial leadership skills, theme-building and conceptual design. Adviser approval 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 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 required.

6631 Digital Design & Media Production (Sports Media & Marketing) - Grades 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 regarding the school's athletic events. Adviser approval required.

6641 Audio/Visual Production I - Grades 10-12, 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 - (Prime Time) 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. Prerequisite: Audio/Video I. 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 - (Prime Time) Grades 11-12, 2 credits. Prerequisite: Audio/Video I. 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, 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.

8312 Principles of Construction - Grades 10-11, 1 credit. This course provides an introduction and lays a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. For safety and liability considerations, PNGHS will be limiting the course enrollment to 15 students per section. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

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 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 to provide diagnostic and repair service. An A+ Industrial Certification is available to students at this level.

8640 Intro to Welding - Grade 10-11, 1 credit. Introduction to Welding students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards.

8643/8648 Welding I - Grade 11-12, 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.

8645 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.

8631D/8632D Practicum in Manufacturing I - Grades 11, 2 credits. The Practicum in Manufacturing course gives 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. Dual credit is available for students who meet admissions requirements through Lamar State College Port Arthur.

8633D/8634D Practicum in Manufacturing II - Grades 12, 2 credits. Prerequisite: Practicum in Manufacturing I. The Practicum in Manufacturing course gives 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. Dual credit is available for students who meet admissions requirements through Lamar State College Port Arthur.

8663 Heating, Ventilation, Air Conditioning, and Refrigeration Tech. I - Grade 11-12, 1 credit. 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.

8664 Heating, Ventilation, Air Conditioning, and Refrigeration Tech. II - Grade 12, 1 credit. 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.

8665 Heating, Ventilation, Air Conditioning, and Refrigeration Tech. II - Lab - Grade 12, 1 credit. Prerequisite: HVAC I and Co-enrolled with HVAC II. 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.

8650 Automotive Basics - Grade 10-11, 1 credit. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

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

8652/8659 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 the use of repair manuals, computer analyzers, and repair and replacement of basic components of an automobile.

8655 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 the use of repair manuals, computer analyzers, and repair and replacement of basic components of an automobile.

8381 Electrical Technology I - Grades 11-12, 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 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. The following courses may be taught in a credit recovery lab, while using the Edgenuity Program's state approved curriculum:

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