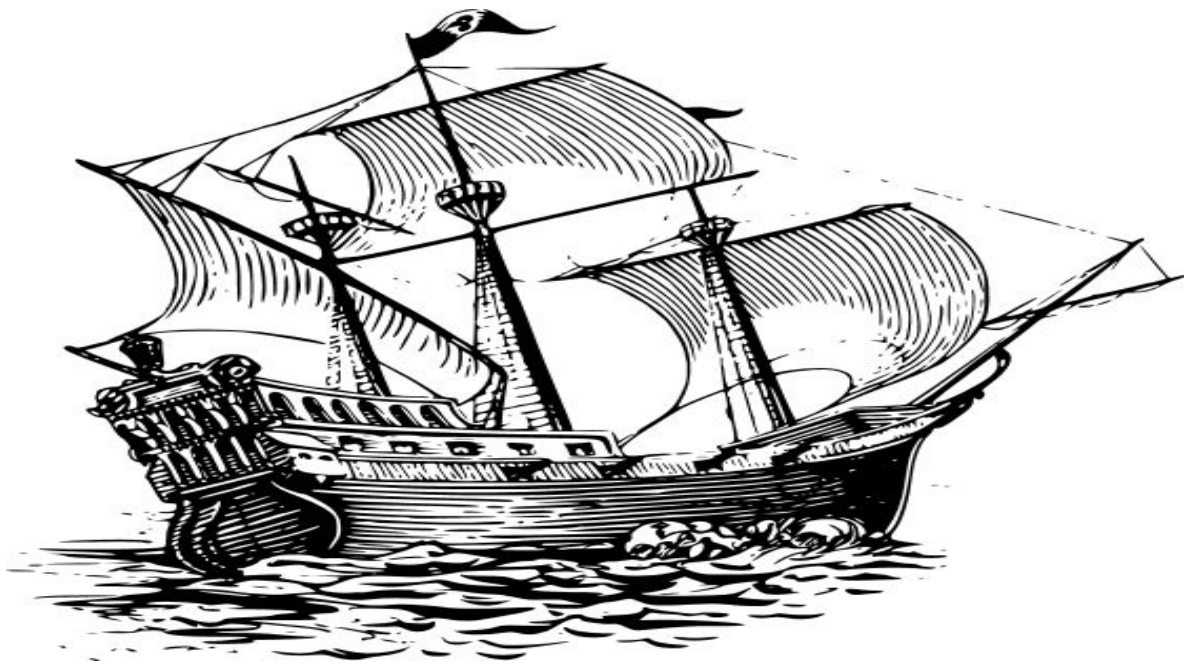


# Destination



# Graduation

**Vidor High School**

**Four-Year Graduation Plan and Course Description Catalog  
2017-2018**

Dear Parents:

It is time once again at Vidor High School for your child to select the courses he/she is going to take next year. This booklet has been prepared to serve as an aide so your son or daughter can receive your assistance and approval in the choice of the courses that are selected.

Students will be pursuing the graduation program proposed by the Texas State Board of Education (SBOE) through House Bill 5. Basic understanding of the programs has been presented in this catalog and is subject to change by the SBOE. You will also find course descriptions that will assist you in choosing the courses that best fit your child's needs and interests.

It is suggested that parents and students also plan ahead and check the entrance requirements of the post-secondary institution that the student plans to attend. Careful planning may prevent problems when attempting to enter college or a technical school.

Our counselors and administrative staff will provide you with assistance as needed. Please feel free to call or come by the school and visit with us. We wish to assist you in any way we can. Please encourage your child to come to the office for assistance.

We are striving to build student self-esteem and continue to promote a positive attitude conducive to learning at Vidor High School. Should any member of the faculty or staff fail to act in a courteous, positive and professional manner, please contact the office of the principal immediately!

It's a great day to be a Pirate!

Sincerely,

*Travis Maines*

Travis Maines, Principal

Vidor High School

Phone: 951-8902

tmaines@vidorisd.org

**In agreement with Title 9 rules and regulations implementing Educational Amendments of 1972 and as defined in Title 42, Section 2000 E. -15, United States Code, the Vidor Independent School District does not discriminate on the basis of sex, national origin, race, color or handicap in making decisions regarding employees or students in all its functions.**

# General Registration Information

## Student Classification Requirements

A student at Vidor High School is classified according to the number of credits he/she has on record at the beginning of the fall semester. Twenty-six credits are required for graduation. Classification of students is as follows.

- Freshman -9th - Grade 0 -6 credits**
- Sophomore - 10th - Grade 6 credits - 12 credits**
- Junior - 11th Grade - 12 credits - 18 credits**
- Senior - 12th Grade - 18 credits – 26 credits**

A student with at least 22 credits after the first semester of their junior year and on track for graduation will be classified as a senior.

## Grading Scale

The grading scale used on student report cards at Vidor High School is as follows:

A-----	90-100
B-----	80-89
C-----	75-79
D-----	70-74
F-----	0-69

## Attendance

*Students must be in attendance 90% of the days in each semester to receive credit in a course.*

*When a student is in danger of losing credit due to absences, a letter will notify parents.*

## Other Information

- All prerequisites must be met before a student will be permitted to the next level of a course.
- Students wishing to graduate in 3 or 3.5 years must sign a contract at the end of 10th grade which will be kept on file with their counselor. They must have passed all of their EOC tests. Additionally, they must complete English 3 prior to the beginning of their senior year.
- Credits earned in courses that are “for local credit” do not count toward state graduation requirements.
- Driver’s Education is not offered in the curriculum at Vidor High School. It can be taken through Community Education.
- Students must have a semester average of 70 or better to earn credit in a semester course. If the student is enrolled in a year long course, credit may be awarded by the semester or by maintaining a yearly average of a 70. In yearlong courses, students may also average semesters together from previous years to attain the 70 average. Credits earned in night school, extended day, summer school, or day time credit recovery receive grade points from the lowest scale.
- Once a student passes a course, the course cannot be taken again for credit.
- Credit may be earned outside of the school day through summer school, night school, correspondence and credit by exam. Credit by exam can be taken two ways: 1) If the student has had prior formal instruction in the course, a grade of 70 is required on the exam. 2) If the student does not have prior instruction in the course, a grade of 90 is required on the exam. Exams are ordered by the district from Texas Tech. and are given during the summer. See your grade level counselor for further details.
- Students are ranked by Grade Point Average.

## Graduation Program

To receive a high school diploma, a student must complete the **Foundation High School Program (FHSP)** and meet the required standards for the state STAAR End of Course Assessments which may include English 1, English 2, Algebra 1, Biology, and US History. Upon entering 9<sup>th</sup> grade, freshmen will be required to choose an endorsement from those offered by Vidor High School. Students are allowed to enroll in courses from more than one endorsement before his or her junior year. Students may opt to graduate under the foundation high school program only after their sophomore year with written permission on file with the student's school counselor.

In addition, a student may earn a **Performance Acknowledgement** on his/her diploma and transcript through:

- Dual Credit - Completing at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated course with a grade of 80 or better.
- Bilingualism/Biliteracy – Completing all English language arts requirements and maintaining a minimum grade of 80 plus completion of three credits in the same language in a LOTE with a minimum of 80 or better.
- AP Exams – earning a score of 4 or 5 on a College Board advanced placement exam.
- PSAT, ACT, SAT scores – Earning a PSAT score that qualifies the student for recognition as a commended scholar or higher, earning a combined critical reading and mathematics score of at least 1250 on the SAT or a 28 as a combined score on the ACT (excluding the writing subscore).

### Graduation Requirements

According to SBOE's proposed House Bill 5.  
VHS current course offerings are shown below.

<b>Foundation – ONLY</b>	<b>Foundation + Endorsements</b>	<b>Foundation + Endorsements + Distinguished Level of Achievement</b>
22 credits Students may opt to Foundation Only after completing sophomore year.	26 credits	26 credits
<b>4 credits English</b> – English I, II, III, and one (1) advanced English course. (English 4, AP English 4, Dual Credit )	<b>4 credits English</b> – English I, II, III, and one (1) approved English course. (English 4, AP English 4, Dual Credit)	<b>4 credits English</b> – English I, II, III, and one (1) approved English course. (English 4, AP English 4, Dual Credit )
<b>3 credits Mathematics</b> – Algebra 1, Geometry and one (1) advanced Math course. ( Math Models with Applications, Algebra 2, PreCalculus, AP Calculus, Dual Credit)	<b>4 credits Mathematics</b> – Algebra 1, Geometry, and two (2) approved math courses. ( Math Models with Applications, Algebra 2, PreCalculus, AP Calculus, Dual Credit)	<b>4 credits Mathematics</b> – Algebra 1, Geometry, Algebra 2, and one (1) approved math course. ( Math Models with Applications, Algebra 2, PreCalculus, AP Calculus, Dual Credit)
<b>3 credits Science</b> – Biology, IPC or advanced Science course, and one additional advanced Science credit. (Chemistry, Pre AP Chemistry, Physics, Pre AP Physics, Earth Space Science, AP Environmental Science, AP Biology 2, AP Chemistry 2, Forensic Science, Dual Credit Anatomy and Physiology, Pharmacy Tech, Engineering Design and Problem Solving)	<b>4 credits Science</b> - , one credit from Biology and three (3) additional approved science credits. (IPC, Chemistry, Pre AP Chemistry, Physics, Pre AP Physics, Earth Space Science, AP Environmental Science, AP Biology 2, AP Chemistry 2, Forensic Science, Dual Credit Anatomy and Physiology, Pharmacy Tech, Engineering Design and Problem Solving)	<b>4 credits Science</b> - , one credit from Biology and three (3) additional approved science credits. (IPC, Chemistry, Pre AP Chemistry, Physics, Pre AP Physics, Earth Space Science, AP Environmental Science, AP Biology 2, AP Chemistry 2, Forensic Science, Dual Credit Anatomy and Physiology, Pharmacy Tech, Engineering Design and Problem Solving)
<b>3 credits Social Studies</b> – US History, US Government, Economics, and either World Geography or World History.	<b>3 credits Social Studies</b> – US History, US Government, Economics, and either World Geography or World History.	<b>3 credits Social Studies</b> – US History, US Government, Economics, and either World Geography or World History.

<b>2 credits – LOTE</b> – Languages other than English: Spanish 1 and 2.	<b>2 credits – LOTE</b> – Languages other than English: Spanish 1 and 2.	<b>2 credits – LOTE</b> – Languages other than English: Spanish 1 and 2. See previous information regarding Performance Acknowledgments by successfully completing Spanish 3.
<b>1 credit Physical Education</b> – Which may be earned from Foundations of Personal Fitness, Adventure/Outdoor Education, Aerobic Activities, or Team or Individual Sports.	<b>1 credit Physical Education</b> – Which may be earned from Foundations of Personal Fitness, Adventure/Outdoor Education, Aerobic Activities, or Team or Individual Sports.	<b>1 credit Physical Education</b> – Which may be earned from Foundations of Personal Fitness, Adventure/Outdoor Education, Aerobic Activities, or Team or Individual Sports.
<b>1 credit Fine Arts</b> – Art, Band, Choir, Theatre	<b>1 credit Fine Arts</b> – Art, Band, Choir, Theatre	<b>1 credit Fine Arts</b> – Art, Band, Choir, Theatre
<b>Speech</b> – Demonstrated Proficiency in speech skills	<b>Speech</b> – Demonstrated Proficiency in speech skills	<b>Speech</b> – Demonstrated Proficiency in speech skills
<b>Five Electives</b>	<b>Seven Electives</b>	<b>Seven Electives</b>

## SBOE HB 5 Endorsements

School districts are required to offer at least one endorsement. If they only offer one, it must be the Multidisciplinary Studies Endorsement. To earn an endorsement, students must complete the requirements of the 22 credit FHSP plus one additional math and one additional science and a total of 26 credits. Students will specify in writing the endorsement he/she intends to earn upon: entering 9<sup>th</sup> grade. The district shall permit a student to enroll in courses in more than one endorsement before his/her junior year. A student may choose at any time to earn an endorsement other than the one previously indicated.

**In 2017-18, VHS will offer five Endorsements: STEM, Public Services, Arts & Humanities, Business & Industry, and Multidisciplinary Studies.**

<b>STEM</b> (Science, Technology, Engineering, Mathematics) Required Courses: Algebra 2, Chemistry, Physics	<b>Business &amp; Industry</b>	<b>PUBLIC SERVICES</b>	<b>Art/ Humanities</b>
Pathways:	Pathways:	Pathways:	Pathways:
<b>Math Science</b>	<b>CTE:</b> -Ag, Architecture, Welding, Auto, Info Tech, Finance  <b>Multidisciplinary:</b> -3 courses from CTE and 1 advanced course	<b>CTE:</b> -Education & Training -Law, Public Safety -Health Science -Culinary Arts -Cosmetology	<b>Social Studies Fine Arts</b>
<b>MULTIDISCIPLINARY STUDIES **</b> -Four advanced courses within one endorsement area or among endorsement areas that are not in a coherent sequence. -Four credits in each of the four Foundation subject areas to include English 4 and Chemistry and/or Physics. -Four AP courses to include one in each of the four Foundation subject areas.			

Each endorsement requires the completion of the Foundation Program.

A student may earn an endorsement by successfully completing:

- Curriculum requirements for the endorsement
- Four credits in mathematics
- Four credits in science
- Two additional elective credits

For more information on Advanced Courses and HB5 requirements see the following website: <http://www.tea.state.tx.us/graduation-requirements/hb5.aspx>

Course choices depend on the chosen endorsement. Students may take courses from more than one endorsement. A blank 4 year plan at the end of this booklet will help you organize your plan of study at VHS. Be sure to use the charts throughout the course catalog to view the prerequisites for each course. Choose 8 credits each year. A course worth .5 credits is a semester (**SM**) course only taken for half of the school year. A course worth 1 credit is a yearlong (**YR**) course. Suggested courses by grade level are shown below.

## STEM REQUIREMENT

The Foundation Program plus Algebra 2, Chemistry, Physics and a coherent sequence or series of courses selected from one of the following:

- Mathematics (Algebra 1, Geometry, Algebra 2, and two additional math classes for which Algebra 2 is a prerequisite)
- Science (Biology, Chemistry, Physics, and two additional science courses).

### VHS STEM – Science

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	Algebra 2	PreCalculus
Algebra 1	Math Models	Elective	Elective
Biology	Chemistry	Physics	Adv. Science
MAPS/Elective	Elective	Elective	Adv. Science
PE	LOTE 1	LOTE 2	Elective
Fine Art	Elective	Elective	Elective
W Geography	US History	Elective	Govt / Eco

## VHS STEM – Math

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	Adv.Math	Adv. Math
Algebra 1	Algebra 2	Elective	Elective
IPC	Biology	Chemistry	Physics
W Geography	US History	Elective	Govt / Eco
PE	LOTE 1	LOTE 2	Elective
Fine Art	Elective	Elective	Elective
MAPS/Elective	Elective	Elective	Elective

**PUBLIC SERVICE REQUIREMENT**

The Foundation Program and:

- A coherent sequence of courses for four or more credits in CTE with at least two courses in the same career cluster including one advanced CTE course that is the third or higher course in a sequence. The courses may be selected from courses in all CTE clusters but the final course must be from one of the following clusters:

Education and Training (shown below)

Health Science (shown below)

Cosmetology (shown below)

Law, Public Safety (shown below)

## VHS PUBLIC SERVICE – Law

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	3rd Math	4th Math
Algebra 1	Elective	Elective	Elective
IPC	Biology	Chemistry	Forensic Science
W Geography	US History	Elective	Govt / Eco
PE	LOTE 1	LOTE 2	Elective
MAPS/Elective	Fine Art	Elective	Elective
Prin. of Law	CTE Elective	Law Enf 1	Law Enf 2

## VHS PUBLIC SERVICE – Education

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	3rd Math	4th Math
Algebra 1	Elective	Elective	Elective
IPC	Biology	3 <sup>rd</sup> Science	4 <sup>th</sup> Science
W Geography	US History	Elective	Govt / Eco
PE	LOTE 1	LOTE 2	Elective
MAPS/Elective	Fine Art	Instruc Prac in Education	Practicum in Education
Prin. Of Human Services	CTE Elective		

## VHS PUBLIC SERVICE – Cosmetology

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	3rd Math	Gov/ Eco
Algebra 1	Elective	3 <sup>rd</sup> Science	4 <sup>th</sup> Science
W Geography	US History	LOTE 2	4th Math
IPC	Biology	Cosmetology 1	Cosmetology 2
PE	LOTE 1	Cosmetology 1	Cosmetology 2
MAPS/Elective	Fine Art	Cosmetology 1	Cosmetology 2
CTE Elective	Intro to Cos.	Cosmetology 1	Cosmetology 2

## VHS PUBLIC SERVICE – Health Services

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	3 <sup>rd</sup> Math	Gov / Eco
Algebra 1	Elective	Elective	4th Math
W Geography	US History	LOTE 2	4th Science
IPC	Biology	Chemistry	Elective
PE	LOTE 1	Elective	Elective
MAPS/Elective	Fine Art	Elective	Health Sci 2
P of HlthSci/Elec	CTE Elective	Health Sci 1	Health Sci 2



## BUSINESS AND INDUSTRY ENDORSEMENT

The Foundation Program and one of the following:

- A coherent sequence of courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. The courses may be selected from all CTE Clusters. The final course in the sequence must be selected from one of the following:
  - Agriculture, Food, & Natural Resources(shown below)
  - Architecture & Construction (shown below)
  - Auto (shown below)
  - Information Technology( shown below)
  - Welding( shown below)
  - Culinary Arts( shown below)
  - Finance (shown below)

### VHS BUSINESS AND INDUSTRY - Welding

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	3 <sup>rd</sup> Math	Gov / Eco
Algebra 1	Elective	3 <sup>rd</sup> Science	4th Math
W Geography	US History	LOTE 2	4th Science
IPC	Biology	Elective	Elective
PE	LOTE 1	Elective	Elective
MAPS/Elective	Fine Art	Welding 1	Welding 2
Ag Mech/Metal	CTE Elective		

### VHS BUSINESS AND INDUSTRY – Architecture

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	3 <sup>rd</sup> Math	Gov / Eco
Algebra 1	Elective	Science Elective	4th Math
W Geography	US History	LOTE 2	4th Science
IPC	Biology	Elective	Elective
PE	LOTE 1	Elective	Elective
MAPS/Elective	Fine Arts	BLDG Trades 1	BLDG Trades 2
Prin. Of Construction	CTE Elective		

## VHS BUSINESS AND INDUSTRY – Culinary Arts

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	4 <sup>th</sup> Math Elec	Gov / Eco
Algebra 1	Math Models	3 <sup>rd</sup> Science	4 <sup>th</sup> Science
W Geography	US History	LOTE 2	Elective
IPC	Biology	Elective	Elective
PE	LOTE 1	Elective	Elective
MAPS/Elective	Fine Arts	Culinary Arts	Culinary Arts
Nutr/Interpersonal Studies	CTE Elective		

## VHS BUSINESS AND INDUSTRY-FINANCE

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	Math Models	Gov / Eco
Algebra 1	Elective	3 <sup>rd</sup> Science	4 <sup>th</sup> Science
W Geography	US History	LOTE 2	4 <sup>th</sup> Math
IPC	Biology	Elective	Elective
PE	LOTE 1	Elective	Elective
MAPS/Elective	Fine Arts	Elective	Elective
Prin. Of Business	CTE Elective	Accounting 1	Accounting 2

## VHS BUSINESS AND INDUSTRY-AGRICULTURE

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	Math Models	Gov / Eco
Algebra 1	Elective	3 <sup>rd</sup> Science	4 <sup>th</sup> Science
W Geography	US History	LOTE 2	4 <sup>th</sup> Math
IPC	Biology	Elective	Elective
PE	LOTE 1	Elective	Elective
Fine Art/MAPS	Elective	Elective	Elective
Prin. Of Ag.	CTE Elective	Floral Design	Small animal/Equine Sci.

### VHS BUSINESS AND INDUSTRY-AUTO

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	4 <sup>th</sup> Math Elec	Gov / Eco
Algebra 1	Math Models	3 <sup>rd</sup> Science	4 <sup>th</sup> Science
W Geography	US History	LOTE 2	Elective
IPC	Biology	Elective	Elective
PE	LOTE 1	Elective	Elective
Fine Art/MAPS	Elective	Auto1	Auto2
Prin. Of Auto	CTE Elective		

### VHS BUSINESS AND INDUSTRY-INFO TECH

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	Elective	Gov / Eco
Algebra 1	Elective	3 <sup>rd</sup> Science	4 <sup>th</sup> Science
W Geography	US History	LOTE 2	4 <sup>th</sup> Math Elec
IPC	Biology	3 <sup>rd</sup> Math	Elective
PE	LOTE 1	Elective	Elective
MAPS/Elective	Fine Arts	Elective	Computer Tech
Prin. Of Info Tech	CTE Elective	Computer Main.	

### ARTS AND HUMANITIES ENDORSEMENT

The Foundation Program and one of the following:

- Five social studies credits
- Four levels of the same language in a LOTE
- Two levels in each of two different LOTE courses
- Four levels of American Sign Language
- Coherent sequence of four credits from one or two categories or disciplines in Fine Arts. (shown below)
- Four English elective credits from the following:
  - English 4
  - Independent Study in English
  - Literary Genres
  - Creative Writing
  - Research and Technical Writing
  - Humanities
  - AP English Literature and Composition; or
  - Communication Applications

### VHS ARTS AND HUMANITIES – Fine Arts, Social Studies

Must have 4 credits in same elective.....

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	Algebra 2	PreCalculus
Algebra 1	Math Models	Elective	Elective
IPC	Biology	Chemistry	Physics
W Geography	US History	W History	Govt / Eco
PE	LOTE 1	LOTE 2	Advanced Hist.
MAPS/Elective	Elective	Elective	Elective
Theatre 1 or Music 1 or Art 1	Theatre or Music 2 or Art	Theatre 3 or Music 3 or Art	Theatre 4 or Music 4 or Art 4

### MULTIDISCIPLINARY STUDIES ENDORSEMENT

The Foundation Program and one of the following:

- Four 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.
- Four credits in each of the four foundation subject areas to include English 4 and Chemistry and /or Physics (similar to a 4X4 plan)
- Four credits in AP or Dual Credit selected from English, Math, Science, Social Studies, Economics, LOTE, or Fine Arts.

### VHS MULTIDISCIPLINARY STUDIES

9	10	11	12
English 1	English 2	English 3	English 4
Algebra 1	Geometry	Math Models	Algebra 2
Algebra 1	Elective	Elective	Elective
IPC	Biology	Science Elective	Science Elective
W Geography	US History	W History	Govt / Eco
PE	LOTE 1	LOTE 2	Elective
Fine Art	Elective	Elective	Elective
MAPS/Elective	Elective	Elective	Elective

## **EARN College Credits**

Opportunity to earn college credits while in high school are offered at VHS through the following programs:

- **Dual Credit (college courses taken for high school and college credit)**
- **Texas Virtual School Network (TXVSN)**
- **Advanced Placement Examinations.**
- **Advanced Technical Credits.**

### **Dual Credit Including TXVSN**

Vidor High School and Lamar State College Orange have an articulated agreement to offer dual credit courses for college and high school credits. Public colleges accept these college hours thus saving students time and money after graduation from high school. The program is designed for Junior and Senior students. Depending on the course availability, they may be taken on the VHS campus either online, in the evening, or during the school day and on campus at LSC-O. Should the student choose to attend co-enrollment courses on the LSC-O campus, they are responsible for their own transportation. Any expenses incurred are the responsibility of the student. Online courses at VHS will be offered in a computer lab with an educational aide to assist.

Dual credit courses may also be taken through Texas Virtual School Network (TXVSN). A high school student is eligible to enroll in dual credit courses in the eleventh and/or twelfth grade if the student demonstrates college readiness by achieving the minimum passing standard(s) on a qualifying assessment instrument. Also, a student must meet all the college's regular prerequisite requirements designated for that course (e.g., minimum score on a specified placement test, minimum grade in a specified previous course, etc.) Through TXVSN students may earn dual credits from a variety of colleges/universities. For more information about TXVSN research their [www.txvsn.org](http://www.txvsn.org) link.

The cost of dual credit courses depend on the college/source of the course and are the responsibility of the student.

To participate in the dual credit program, the student must satisfy ONE the following Texas Success Initiative (TSI) test requirements for college entrance. Requirements may vary per College/University entrance rules:

- Meet the minimum requirements for college readiness on statewide assessments.
- SAT combined scores of 1070 with a 500 on the Math and Verbal section.
- ACT composite score of 23 with a 19 in Math and English.
- PSAT combined scores of 107 with 50 in Math and English.
- TSI Math-350, Reading-351, Writing: essay-5 or essay-4 & multiple choice-363

### **AP (Advanced Placement) Classes**

VHS offers many opportunities for Advanced Placement. These courses are college level courses and freshman college credit may be received if the student scores a 4 better on the AP Exam given at the end of the school year, depending on the standards set by the college they wish to attend. The most prestigious colleges expect these courses for acceptance into their college.

Taking an AP course on the VHS campus does not guarantee College Credit. The student must pay for and pass an AP Exam in the subject area with the accepted score required by the college they wish to attend before it counts for college credit. Students taking high school AP courses through TxVSN must also take the AP Exam to attempt to earn college credit. A score of 4 or better on an AP Exam will earn one a performance acknowledgement on the student transcript. Advanced grade points are given for AP courses. Please note the prerequisites for AP courses under each course description in the course catalog section of this document. *AP Courses may possibly have summer assignments due when school starts.* The VHS website through [www.vidorisd.org](http://www.vidorisd.org) will post these assignments before school ends each year.

The following AP Courses are offered at VHS or through TXVSN but are not Dual Credit courses:

AP English 3	AP Government
AP English 4	AP Economics
AP Calculus	AP World History
AP Chemistry 2	AP Psychology
AP Computer Science	AP European History
AP Environmental Science	AP US History
AP Biology 2	AP Art IV Drawing and Painting
AP Human Geography	

## Career and Technology Certifications

Our Career and Technology program offers certifications attainable upon successful completion of coursework and examination. Certifications offer immediate job opportunities after high school. To view which classes offer these opportunities, look for the certification at the end of the course descriptions in the VHS Course Catalog starting on page 28.

**A+ Certification (Computer Tech)**

**Career Safe (Auto Tech)**

**Valvoline Oil Certification (Auto Tech)**

**CPR and CNA (Certified Nurse's Aide)**

**Criminal Justice Certification**

**Level 1 Welding**

**Pharmacy Tech**

**Safe Serve Texas Food Handlers**

**Cosmetology Operators License**

**Microsoft Office Specialist**

## ACHIEVE TEXAS CAREER CLUSTERS

**Achieve Texas** is designed to help students (and their parents) make wise education choices. It is based on the belief that the curricula of the 21<sup>st</sup> century should combine rigorous academics with relevant career education. When schools integrate academic and technical education, students can see the “usefulness” of what they are learning. The system also facilitates a seamless transition from secondary to postsecondary opportunities.

This initiative uses the sixteen federally defined Career Clusters of the States' Career Clusters initiative ([www.careerclusters.org](http://www.careerclusters.org)) as the foundation for restructuring how schools arrange their instructional programs. A Career Cluster is a grouping of occupations and broad industries based on commonalities. There are sixteen Career Clusters that provide organizing tools for schools, small learning communities, academies, and magnet schools. Career programs of study (POS) have been developed for each of the Career Clusters. The POS represent a recommended sequence of coursework based on a student's interest or career goal. To view the 16 POS visit [www.achievetexas.org](http://www.achievetexas.org).

**In this catalog starting on page 22, Career and Technology courses are organized by Career Clusters to ensure the student registers for the classes included in a particular POS.**

When in junior high, students take an interest inventory to help them decide what career cluster they should consider. Ideally, their choices are reviewed in the 9<sup>th</sup> and 10<sup>th</sup> grade then adjusted for necessary changes in career plans. The 11<sup>th</sup> grade focuses on college entrance exams and researching college possibilities. As a senior, students need to complete college, scholarship and federal aid applications. Juniors and Seniors wishing to visit colleges may complete an application requesting to be absent for college visits. Refer to page 39 in the online VHS Student Handbook for College Day Guidelines.

**<http://www.vidorisd.org/CodeOfConduct/VHSStuHandbook0910.pdf>**

# VHS Course Catalog

## English Language Arts Courses

### English I

Students enrolled in English I continue to increase and refine their communications skills. Students write in a variety of forms and grammar is focused upon throughout the course. Students study various genres of literature and literary elements within the text to enhance reading comprehension and critical thinking skills. This course includes projects and assignments that will require out of class preparation. Modern Language Association (MLA) style of research is studied and practiced. (1 credit)

### Pre-AP English I

A more rigorous academic approach for highly motivated students who enjoy reading. The course is designed to provide ample practice in writing, grammar, and literary analysis skills that will enable students to be successful in future Advanced Placement (AP) English classes. Modern Language Association (MLA) style of research is studied and practiced. The course includes student projects that are geared to the gifted and talented that will require out of class preparation.. (1 credit)

### English II

Students enrolled in English II continue to increase and refine their communication skills through an integrated study of composition and grammar. Different forms of writing are explored, which include: narrative, informative, persuasive, and expository. Students read extensively in multiple genres from world literature including Shakespeare's dramas, short stories, poetry, and novels. This course includes projects and assignments that will require out of class preparation. Modern Language Association (MLA) style of research is studied and practiced. (1 credit)

### Pre-AP English II

A more rigorous academic approach geared to the self-motivated student who desires a comprehensive study of literature and writing. Students are expected to plan, draft, and complete written compositions on a regular basis with correct writing conventions. Students also read extensively in multiple genres from world literature, analyzing literary elements and techniques. Projects are required throughout the year that include out of class preparation. Modern Language Association (MLA) style of research is studied and practiced. (1 credit)

### English III

Students enrolled in English III practice all forms of writing and read extensively in multiple genres in American Literature. At least two American novels are read, analyzed, and researched. This course will include projects that will include out of class preparation. Emphasis is placed on SAT vocabulary study and research skills. Modern Language Association (MLA) style of research is studied and practiced. At the completion of this course, students have the opportunity to test out of the first semester of college English 1301. The test is administered by LSC-O worth 3 college hours. If successful, the student has the opportunity to continue their senior year onto English 1302 and a semester of college Literature.

### AP English III

*Students that take this course will be required to take the AP Exam at the end of the year.* English III AP is a broader and more in-depth study of American Literature. Emphasis is placed on preparation for the Advanced Placement exam in English Language and Composition. Projects are geared to the gifted/talented students which includes out of class preparation. Several American novels are read, analyzed, and researched. Modern Language Association (MLA) style of research is studied and practiced. . College Board Approved. At the completion of this course, students have the opportunity to test out of the first semester of college English 1301. The test is administered by LSC-O worth 3 college hours. If successful, the student has the opportunity to continue their senior year onto English 1302 and a semester of college Literature. (1 credit)

### **English III Honors (Dual Credit)**

The TEA TEKS requirements for two semesters of college level English/Literature are met through this course. Prerequisites: Counselor approval, parent permission, online pre-assessment, college acceptance by application, Memory stick or flash drive for electronic storage. Grade 12 (1 credit/ 6 college hours)

### **English IV**

Students enrolled in English IV are expected to write in a variety of forms, including business, personal, literary, persuasive, and research. A heavy concentration is placed on developing research skills and writing a research paper. In the course of this class 2-3 research papers will be turned in and outside of class preparation will be needed. Several research styles will be studied, but in-depth study of MLA (Modern Language Association) will be conducted. Different genres in British Literature will be studied throughout the many different periods. Some periods that will be studied, but not limited to are: Medieval, English Renaissance, 17<sup>th</sup> and 18<sup>th</sup> Century, Romantic, and Victorian.

### **AP English IV**

A college-level course with a rigorous study of British Literature, composition, and several novels. It meets the requirements for gifted and talented students. Emphasis is placed on preparation for the Advanced Placement exam in English Literature and Composition. MLA style research will be studied and practiced. Out of class preparation will be required for research papers and various projects. . (1 credit) College Board Approved.

### **English IV (Dual Credit)**

The TEA TEKS requirements for two semesters of college level English/Literature are met through this course. Prerequisites: Counselor approval, parent permission, online pre-assessment, college acceptance by application, Memory stick or flash drive for electronic storage. Grade 12 (1 credit/ 6 college hours)

### **Literary Genres Honors**

This course examines selected works of literature of a single genre or several genres. The conventions of the genre(s), as well as the techniques and devices employed by authors to effect meaning, will be the focus of classroom activities. Students will be exposed to a wide variety of different novels of varying maturity levels and will continue to write analytical essays. Grades 11-12

### **Creative Writing Honors**

Creative writing places emphasis on improving each student's ability to communicate using the written word. Students will communicate the written word through a variety of methods including: exploring the writing process, through the writing of journals, poetry, short stories, and plays; construction of writing pieces in varying genres. Students will read, interpret, and analyze a variety of poems, nonfiction and fictional works by a variety of authors. Through reading and writing activities, students will gain a sound understanding of the elements and forms of writing to create their own written creations. Grade 12

### **Speech (PUBSPKG1)**

In this course students will gain understanding of public dialogue. Students will learn the concepts and skills related to preparing and presenting public messages and analyze and evaluate the messages of others. Within this process, students will gain skills in reading, writing, speaking, listening, and thinking and will examine areas such as invention, organization, style, memory, and delivery. Grades 9-12 (.5 credit)

## **Mathematics Courses**

### **Algebra 1**

Algebra I is a study of integers, equations, inequalities, graphing, functions, linear functions, and systems of functions. It includes polynomials, quadratic functions, exponential, radical and rational functions. Freshmen taking Algebra 1 for the first time may have two sections of Algebra 1. They will receive one state credit and one local credit. (1 state math credit)

### **Algebra II**

This course is a study of functions including theorems, axioms and algebraic proofs, solving equations and inequalities. Also, it is a study of arithmetic and geometric linear functions and relations. This is a study of solving and graphing systems of linear equations, polynomial multiplication and factoring; also solving



quadratic equations and working with radicals. Rational functions, conics, matrices, sequences, series, and basic trigonometry are included. (1 credit) Prerequisite: Algebra I. May take Algebra II and Geometry concurrently.

### **Pre-AP Algebra II**

All the basic topics of Algebra II will be taught in more depth and additional topics on conic algebra, systems and coordinate algebra and trigonometry. Projects are required. (1 credit)

### **Geometry**

This math course stresses creative and logical thinking by using inductive and deductive reasoning in proofs while investigating the relations, properties and measurements of basic geometric figures. Included are studies in lines, circles, area and perimeter of basic figures, spatial reasoning and transformational geometry. Prerequisite: *Algebra I* (1 credit)

### **Pre-AP Geometry**

Students will be expected to do more complicated proofs, including proofs of construction. Also, coordinate geometry will be covered. Projects are required. Geometry may be taken concurrently with Algebra 2 or Math Models, depending on the student's graduation plan.

### **Mathematical Models with Applications**

This course reinforces all the skills of Algebra I and many in Geometry. It also integrates real world uses for math in a variety of different representations from pictorial to concrete while using technology. Prerequisite: *Algebra I*.

### **Pre-AP Pre-Calculus**

Pre-Calculus includes the basic concepts and more in depth study of trigonometry, analysis and analytical geometry. The course is designed for those students who plan to take AP Calculus. **Prerequisite: At least a 90 yearly average in Algebra II or an 85 in Pre-AP Algebra II. Student must have passed their previous state assessment.** Grade 11-12 (1 credit)

### **Pre-Calculus Honors (Dual Credit)**

Student takes MATH 1314 College Algebra in the fall and MATH 1316 Plane Trigonometry in the Spring at LSC-O to satisfy the TEA TEKS for Pre-Calculus credit at VHS. Prerequisites: *Counselor approval, parent permission, college acceptance by application, LSC-O Math Placement Exam.* Grades 11-12 (1 credit/ 6 college hours)

### **AP Calculus**

This is the final course of the high school advanced mathematics program. It is the study of functions and their limits, the derivative of algebraic, transcendental and trigonometric functions with some of their applications and integration with various applications of the definite and indefinite integral, including area and volume problems. **Prerequisite: At least a 90 yearly average in Pre Calculus or an 85 in Pre-AP Pre Calculus and the completion of a summer assignment designed to prepare the student for the contents of the course. Student will be expected to take an exam at the beginning of school over the summer assignment. Retests will not be an option on the summer assignment. Student must have passed their previous state assessment. Summer assignments will be posted on the VHS website.** (1 credit) College Board Approved.

### **OnRamps Statistics**

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A **dual-enrollment** class where a student has the potential to earn college credit. This is an introductory data analysis that covers fundamentals of statistics (data gathering) and data modeling. You will learn techniques to describe data; be introduced to correlation and linear regression; learn the basics of hypothesis testing; and explore a multitude of functions including linear, logarithmic, natural logarithmic, and exponentials. The student is independently responsible for learning the work outside of the classroom environment. Students are must follow strict UT due dates for assignments. Prerequisite: Algebra 2 and home internet.

### **AP Computer Science**

The goals of this course are comparable to those offered in the introductory course for computer science majors at many colleges and university computer science departments with a focus on problems solving.

Students will use standard data structures, will design, implement, and analyze solutions, use and implement commonly used algorithms, write, run, test, and debug solutions in the Java programming language, as well as understand the ethical and social implications of computer use. **Prerequisite: A summer assignment must be completed prior to the beginning of school. Summer assignments will be posted on the VHS website.** (1 credit) College Board Approved.

### **Mathematical Applications in Agriculture, Food, and Natural Resources.**

Recommended Grade 11-12 Prereq. Algebra 1 & one credit of any Ag class.-One Credit- Students will apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources. To prepare for careers in agriculture, food, and natural resources, students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics. To prepare for success, students need opportunities to reinforce, apply, and transfer their knowledge and skills related to mathematics in a variety of contexts. -

(1 Credit)

## **Science Courses**

### **Integrated Physics and Chemistry**

This course is designed to give the student an overall view of the metric system, properties of matter, atomic structures, acid-base chemistry, mechanics and simple machines, electricity, heat, sound, and light. Laboratory work includes lab safety, observing, measuring and analyzing data from different experiments in the above topics. Grade 9 (1 credit)

### **Biology I**

Biology 1 is a study of plants and animals, their systems and environments. This course will provide students with an opportunity to classify organisms according to similarities and differences, to view and dissect specimens in the lab and relate the study of biology to everyday life. (1credit)

### **Pre-AP Biology I**

The course is a preparatory class for Biology II AP Honors and is an advanced level of Biology I. (1 credit)

### **Chemistry I**

Chemistry 1 is designed to provide laboratory experience and the basic knowledge of atomic theory, the mole concept, gas laws, and nuclear reactions. It concentrates on quantum mechanics and the meaning and importance of the periodic table. Prerequisite: *Algebra I, Biology I, IPC.* (1 credit) Grade 10

### **Pre-AP Chemistry I**

This is an advanced level of Chemistry 1 to prepare students for Chemistry II AP-Honors. This course can be taken concurrently with Pre-AP Biology I Honors.. (Grade 10, 1 credit)

### **AP Chemistry II**

*Offered every other year.* An advanced lab-oriented course designed to be the equivalent of a college introductory chemistry course. **Summer assignments will be posted on the VHS website.** (1 credit) College Board Approved.

### **AP Biology II**

*Offered every other year.* This course is designed to be the equivalent of a college introductory biology course. There will be increased laboratory experiences.. (1 credit) College Board Approved. Grades 11-12.

### **Anatomy and Physiology (Dual Credit)**

The TEA TEKS requirements for Anatomy and Physiology of Human Systems also meet the objectives of the college level courses BIOL 2401 and BIOL 2402. A&P is taught at VHS or it can be taken at LSC-O. Prerequisites: *Biology I-Honors and Chemistry I or Pre-AP Chemistry I Honors, counselor approval, parent permission, completion of an LSC-O application.* Grade 11 &12 (1 credit/ 8 college hours)

### **Scientific Research and Design Honors (SCI/R&DII) (Pharmacy Tech Skills)**

The Scientific Research and Design course includes the process of science that can include content that is innovative and detailed. Students conduct guided or independent research in any of the science disciplines. Their research must be presented to an appropriate audience. This course meets the 4<sup>th</sup> year of Science requirement for graduation on the RHSP or DAP. Prerequisite: *Biology 1 and Intro to Health Science Technology. Counselor approval.* (1 credit) Grade 12

### **Physics (PHYSICS)**

The Physics course provides students with conceptual frameworks, factual knowledge, and analytical and scientific skills. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics; characteristics and behavior of waves; and quantum physics. Prerequisites: *Biology 1, Algebra 1, and Chemistry 1* (1 credit) Grades 11-12

### **Pre-AP Physics**

An introduction of elementary kinematics, statics, and dynamics. It introduces the study of energy with regard to heat, nuclear, sounds and electromagnetism. Further comparisons are made of electricity and magnetism, current electricity, and circuitry.. (1 credit)

### **Earth and Space Science (ESS)**

The ESS course is designed to provide students the opportunity to use and apply prior scientific knowledge and skills in understanding of basic earth and space systems as well as human space travel. Students will survey astronomy, geology, oceanography, meteorology and paleontology applying skills acquired in physics, chemistry and biology in classroom, laboratory and field settings. Required prerequisites: *three credits of science, one of which may be taken concurrently, and three units of mathematics, one of which may be taken concurrently.* Grades 11 – 12 (1 credit)

### **AP Environmental Science**

Designed to increase the student's knowledge of the earth and its environment and applies the scientific method to this study. It includes a study of the associations and relationships that occur in the various biomes and of the human population and how man has affected and altered the environment through agriculture, mining, industry and the use of fossil fuels. Environmental Science also includes a study of alternative energy, land and water pollution and protection of the earth's environment. (1 credit) College Board Approved.

### **Forensic Science (FORENSCI)**

Grade 11-12 (1 credit) This course uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. This course may count as one science credit. *Prerequisite: Biology and Chemistry*

### **Advanced Animal Science**

Recommended Grade 11-12 Prerequisites Principles of Ag., Biology, IPC or Chemistry- One Credit

Advanced Animal Science examines the inter relatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

## Social Studies Courses

### World Geography

The interdisciplinary study of how humans interact with each other and the physical environment will be studied. (1 credit)

### Pre-AP World Geography

This course is an in-depth study of physical and human geography and an application of content and concepts to regions of all types and scales. Areas of interest include culture, language, religion, population, resources, economics, decision-making, urban areas and natural disasters. **Summer assignment must be completed and will be found on the high school website** (1 credit)

### World History

A history of the world from the primitive man in Egypt, China, India, Africa, and America to the Greek and Roman periods is presented. It also covers the Age of Monarchy, industrial progress, the era of revolution, Nationalism, Imperialism, and recent events in history. (1 credit).

### AP World History

*Students in this course will be required to take the College Board AP Exam at the end of the year.* The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. Focused primarily on the past thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 1000 C.E.. (1 credit) College Board Approved.

### AP European History

*Offered every other year only.* This course is a course narrative of events and movements in European history. The goals of this course are to develop an understanding of some of the principal themes in European history, an ability to analyze historical evidence and an ability to express that understanding and analysis in writing. (1 credit) College Board Approved. Grades 11-12 (1 credit)

### Ancient Civilizations Honors

*Offered every other year only.*

### U.S. History

This course covers the record of America's history from 1865 to the present. It helps the student understand the present and prepare for the future. Students are stimulated to study motives and viewpoints and to become wiser, more democratic citizens. (1 credit)

### AP U.S. History

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. 11<sup>th</sup> grade Prerequisite: A 90 in World History or an 85 in AP World History. (1 credit) College Board Approved.

### U.S. History (Dual Credit)

The TEA TEKS requirements for U.S. History AP and the college requirements for HIST 1301 and 1302 are met through this program. Prerequisites: *counselor approval, parent permission, college acceptance by application, Memory stick or flash drive for electronic storage.* (1 credit/ 6 college hours)

### War and Remembrance Honors

*Offered every other year only.* This course is a study of US involvement in war beginning with the 18th century through the current era. The course will study the effects of war on society, government, technology, education and our relations with the world. Military history focuses on questions such as "how we fight, why we fight and what happens when we do." We will examine how our involvement in war has changed the way government is conducted and what legislation has been changed due to war. And lastly we will study the effects of war on society, long and short term. Prerequisite: U.S. History

### U.S. Government

Emphasis is placed upon the developmental nature of the Constitution of the United States. Also studied in the course are the Congress, Executive and Judicial Branches, states rights, political parties, elections and civil rights. 12th Grade only (.5 credit)

### **Economics (Macroeconomics)**

Economics is a study of the free enterprise system that is characterized by private or corporate ownership of capital goods by investments that are determined by private decisions rather than by state control and prices, production and the distribution of goods that are determined in a free manner. 12th grade only. (.5 credit)

### **AP Government and Politics**

This course is designed to give students an analytical perspective on government and politics in the US. It involves both the studies of general concepts used to interpret US politics and the analysis of specific case studies. (.5 credit) College Board Approved.

### **AP Macroeconomics**

An introduction to economics with a look at the economy as a whole. Major aggregates, the government, households, and the business sectors are examined with particular emphasis on the relationships among these aggregates. (.5 credit) College Board Approved.

### **U. S. Government (Dual Credit)**

The TEA TEKS requirements for U. S. Government AP and the college requirements for GOVT 2301 are met through this program. Prerequisites: *counselor approval, parent permission, online pre-assessment, acceptance to LSC-O by application, Memory stick or flash drive for electronic storage.* Grade 12 (.5 credit/ 3 college hours)

### **Macroeconomics (Dual Credit)**

The TEA TEKS requirements for Economics and the college requirements for ECON 2301 are met through this program. Prerequisites: *12<sup>th</sup> grade, counselor approval, parent permission, online pre-assessment, college acceptance by application, Memory stick or flash drive for electronic storage.* Grade 12 (.5 credit/ 3 college hours)

### **Psychology (Dual Credit)**

The TEA TEKS requirements for Psychology and the college requirements for PSYC 2301 are met through this program. Prerequisites: *counselor approval, parent permission, acceptance to college by application, Memory stick or flash drive for electronic storage.* Grade 11-12 (.5 credit/3 college hours)

### **Sociology (Dual Credit)**

The TEA TEKS requirements for Sociology and the college requirements for SOCI 1301 are met through this program. Prerequisites: *counselor approval, parent permission, acceptance to LSC-O by application, Memory stick or flash drive for electronic storage.* Grade 11-12 (.5 credit/ 3 college hours)

### **AP Psychology**

*(Offered every other year)* The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. (.5 Credit) College Board Approved.

### **AP Human Geography**

*(Offered every other year)* introduces students to the systematic study of patterns and processes that have shaped **human** understanding, use, and alteration of Earth's surface. (.5 Credit) College Board Approved.

## **Languages Other Than English (L.O.T.E.)**

### **Spanish 1**

This course is a study of the beginning language with emphasis placed on vocabulary acquisition, basic sentence structure, as well as the cultural study of native speakers and their countries. This course utilizes the Rosetta Stone Language Program in laboratory settings. **Earbuds required.** (1 credit) This course is offered sophomore year.

## Spanish II

This is a study of advanced language with emphasis placed on speaking, reading, and writing to help the student reach proficiency. This course utilizes the Rosetta Stone Language Program in laboratory settings.

**Earbuds required.** Prerequisite: (1 credit)

## Spanish III Honors

*(This course is subject to availability)* This course will be a study of advanced language with emphasis placed on vocabulary acquisition, literature, culture and current event studies. This course utilizes the Rosetta Stone Language Program in laboratory settings. **Earbuds required.** This course is recommended for students who anticipate enrolling in a language course on the university level. (1 credit)

## Cultural and Linguistic Topics

This course introduces students to the study of other cultures. Students gain the knowledge to understand the historical development, geographical aspects, cultural aspects, and/or linguistic aspects of selected regions or countries by completing one or more of the knowledge and skills for cultural and linguistic topics. (1 credit)

# Fine Arts Courses

## Art I

This course gives basic two-dimensional instruction in drawing and painting as well as three-dimensional design that includes a wide variety of media. The vocabulary of basic design will be covered and art history is introduced as applied to projects and course content. Students are required to purchase a minimal amount of studio supplies. (1 credit)

## Art II Drawing and Painting

This course is a continuation of Art I Painting, with emphasis on in-depth studies of various painting and drawing techniques, portraiture, and figure drawing. Students may work on contest work to be exhibited and collaborative projects on campus. Students are required to purchase a minimal amount on studio supplies. Prerequisite: *Art I Drawing and Painting*. Grades 10-12 (1 credit)

## Art II Crafts

This course is a continuation of Art I Crafts with emphasis on in-depth studies of various pottery, sculpture, and fiber art techniques and includes a wide variety of media. Students are required to purchase a minimal amount of studio supplies. Prerequisite: *Art I Crafts*. Grades 10-12 (1 credit)

## Art III Drawing and Painting

This course is an in-depth study of various two-dimensional media and techniques. Emphasis will be on development of skills, production of artwork for individual portfolios, and exhibition of artwork in area art shows. Students are required to purchase a minimal amount of studio supplies. Prerequisite: *Art II Drawing and Painting*. Grades 11-12 (1 credit)

## Art III Crafts

This course is an in-depth study of three-dimensional materials and techniques. Emphasis will be on projects done on a more difficult and challenging scale. Students are required to purchase a minimal amount of studio supplies. Prerequisite: *Art II Crafts*. Grades 11-12 (1 credit)

## AP Art IV Draw and Paint (Honors)

A senior level concentrated study in a variety of media. Emphasis is placed on the completion of individual advanced placement portfolio as outlined by the College Board. Must have an 85 or above yearly average in previous art courses taken. Students may be required to purchase a minimal amount of studio supplies. *Prerequisite: Summer assignment will be posted on the VHS website.* Grade 11-12 (1 credit) College Board approved.

## Ceramics ( II-IV)

This senior level course is an in-depth study of pottery and ceramics. Emphasis will be placed on hand-building, potter's wheel, and clay sculpture. Students may be required to purchase a minimal amount of studio supplies. Prerequisite: *Art III Crafts*, Grade 12 (1 Credit)

## Theatre Arts

This course is an overview of theatre in general. Students will learn something of the various aspects of theatre and theatre history. Students will learn the basics of the acting process by performing pantomimes, monologues and short scenes. Included will be a general understanding and practical use of character analysis, character development and character traits. Students will also learn about the technical side of a performance, such as directing and designing. No prerequisite. Grade 9-12. (1 credit)

### **Theatre Productions I – IV**

These courses are co-curricular laboratories for the exploration, development and synthesis of all the elements of theatre, emphasizing acting. This course concentrates on theories, information and techniques as well as integrating those ideas and skills into smaller classroom performances. Practical experiences in acting and stagecraft are provided through the preparation and public performances of one or more plays.

**By audition only.** Grade 9-12 (1 credit)

### **Technical Theatre I-IV**

This course is a co-curricular laboratory focusing specifically on the technical aspects of a production. Students will learn design work in lighting, sets, costumes, make up, and sound. These students will be the technical crew for public performances of one or more plays. **By audition only** Grade 9-12 (1 credit)

### **Treble Choir**

This course is designed to develop musicianship through a general review of the basic vocal techniques, music history, music literature, and music theory. Development of unison, two-part, and three-part choral literature is learned. Accompanied and unaccompanied literature will be studied. Participation in UIL contests, TMEA, and vocal activities will be encouraged. This group will perform concerts scheduled by the director. (1 credit)

### **Treble Jazz**

This course is designed to make use of advanced vocal works with emphasis on entertainment. Performance technique, choreography, vocal solos and singing with varied instrumental accompaniment will be a major part of this course. This group will perform concerts as scheduled by the director. Students are expected to furnish their own dress as selected by the director. (1 credit)

### **Concert Choir**

This course is designed to develop musicianship through a general review of the basic vocal techniques, music history, and music literature and music theory. Development of two-part, three-part and four-part choral literature is learned. Accompanied and unaccompanied literature will be studied. Participation in UIL contests, TMEA, and vocal activities will be encouraged. This group will perform concerts scheduled by the director. (1 credit) Grade 9-12.

### **Advanced Choral Music**

Emphasis is placed on learning and performing various choral styles. Advanced vocal techniques, music theory; music literature and music history will be reviewed. Four-part, multi-part, double chorus selections, unaccompanied music and contemporary choral works will be sung. Rigid participation in UIL contest and TMEA expected along with vocal activities. This group will perform concerts scheduled by the director. Grades 10-12 (1 credit)

### **Pirate Singers**

This course is designed to make use of advanced vocal works with emphasis on entertainment. Performance technique, choreography, vocal solos and singing with varied instrumental accompaniment will be a major part of this course. This group will perform concerts as scheduled by the director. Students are expected to furnish their own dress as selected by the director. (1 credit)

### **Music Practice for Choir Students**

*(Teacher Approval Required)* This class may be taken for one and up to four semesters. It is designed for those vocal students who intend to pursue music after high school or intend to pursue music as a vocation. Designed to develop each student's abilities through individual lessons and practice. Students receive lessons once a week and are expected to practice the remainder of the week. Students will be assigned a private practice area which they will use each day. Directors will monitor these areas to make sure students remain on task. Grades are evaluation of progress made on assigned material during each grading period. (1 local credit) Grades 10-12

## **VHS Performing and Non Performing Bands**

Concert and Symphonic band, and Wind Ensemble classes are scheduled throughout the school year during the school day. Members of these band classes are encouraged to take both the “band course” and “instrumental ensemble course” throughout the year.

### **Band Course Offerings at Vidor High School**

#### **Wind Ensemble**

#### **Symphonic Band**

#### **Concert Band**

These courses are designed for students with previous training in wind-percussion music. The nature of this course is to develop a thorough knowledge of band Literature on an advanced level, coordination and marching of precision drills, ability to care for and handle instruments, discriminative listening and increased mastery of the instruments. Music, theory, literature and history are included. Member of this group must also be members of the Marching Band. Membership requires after school rehearsals and performances. (2 credits)

#### **Stage Band**

Builds on previous instrumental experiences and band studies with applications of various techniques of jazz including improvisation. Membership is by invitation and tryout. After school rehearsals are required. The student is responsible for providing a uniform as selected by the director. (1 credit)

#### **Music Practice for Band Students**

*(Teacher Approval Required)* May be taken for one and up to four credits. This course is designed for those instrumental students who intend to pursue music as a career or avocation after high school. Each student’s individual performing abilities are enhanced through weekly individual lessons monitored practice daily. Grades are based on evaluation of progress made on assigned materials during each grading period. (.5 -1 local credit)

**Note: In Wind Ensemble, Symphonic Band, Concert Band, and Chamber Band students will receive PE equivalency waiver for fall semester because the student participates in Marching Band.**

## **Physical Education/Athletics Courses \*\*\*\***

**\*\*\*\* Students may earn no more than 4 units of Athletic credit in physical education for state education requirements. SBOE only requires 1 credit of PE for graduation.**

### **Physical Education IA, Foundations of Personal Fitness**

This class is designed to help students understand the need for physical fitness. It teaches them how to assess, develop, demonstrate and maintain an acceptable level of health related to fitness. Also, it provides them with knowledge and tools to allow them to develop a personal plan for a lifestyle of active, fit living. Suiting out and participating is required. Grades 9-12 (1 credit)

#### **Aerobics Activities**

Lectures and exercises designed to develop a high level of physical fitness including aerobics; running and weight training with sufficient basic knowledge to remain fit for a lifetime. Suiting out and participation required. Students may have to purchase book. Grades 9-12 (1 credit)

#### **Team Sport**

The student shall be provided opportunities to analyze, review and improve movement skills basic to the activity being taught and gain knowledge, skill and rules basic to participation in physical, recreational, individual, dual and team sports. Grades 9-12 (1 credit)

#### **Weight Training and Conditioning**

Skills, techniques and knowledge of beginning weight training are taught. Activities will include



weightlifting, running, aerobics and fitness activities. Suiting out and participation are required. (1 credit)

### **Girls' Athletics**

*Teacher approval required.* All girls in volleyball, basketball, soccer, softball and track and/or cross-country must be in this class. (1 state)

### **Golf 101**

In this PE Class, the student will learn the basics of golf. ( 1 credit)

### **Golf**

Students wishing to enroll in the class **must** tryout and exhibit knowledge of rules and basic fundamentals of the golf swing; it is not designed for the novice golfer. Enrollment is limited. (1 credit)

### **Baseball**

Boys who participate in varsity baseball only must be in this class. (1 credit)

### **Tennis 101**

In this PE Class, the student will learn the basics of tennis. ( 1 credit)

### **Tennis**

Girls and boys who participate in varsity tennis only must be in this class.  
(1credit)

### **Soccer Gr 9**

Soccer team participants only are allowed in these classes. (1 state)

### **Boys' Athletics (9th grade only)**

Males sign up for this course if they are planning on playing Football, Basketball, or Baseball. (1 state)

### **Football**

(1 state)

>>>>>> Seniors will be moved to an elective at end of first semester.

### **Basketball**

(1 state)

>>>>>> Seniors who no longer participate will be moved to elective at end of first semester.

### **Pre-Brigadettes Grade 9**

Students who want to try out for the drill team for their 10th grade year take this course. (1 credit)

### **Brigadettes Gr 10**

Students who try out and are selected for the drill team may take this course. Involves development of rhythmic dance routines for state presentation and contests during the remainder of the school year. Prerequisite: *Selection in tryouts.* (1 credit)

### **Trainer**

(1 credit)

### **Health**

In this course, students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others. Students use problem-solving, research, goal-setting and communication skills to protect their health and that of the community. Grades 9-12 (.5 credit)

## **Local Elective Courses**

### **Office Assistant**

Students meeting certain requirements may sign up to be office helpers. Requirements: Must have approval by the principal and counselor. Students will receive grade points from the lowest scale. Grades 11-12 (1/2-1 local credit)

## Innovative Courses

### Methods of Academic and Personal Success (MAPS )

*This course is a requirement for all incoming freshmen.* Methods of Academic and Personal Success is a high school course designed to bridge the achievement gap and equip students with the knowledge and skills necessary to be college and career ready. This course focuses on students' successful transition into high school as well as an academic career. It is within this course that students learn how to transition from a pedagogy to an andragogy learning environment. Students will explore the available options in high school, post-secondary education, and the professional world in order to establish both short term and long term goals. After identifying their individual learning styles and abilities, students will build on their strengths by developing critical time management, organization and study skills. Students will also develop specific strategies to achieve their personal and professional goals. This course emphasizes proactive problem solving, self-determination, and independent thinking. Throughout this course, students are required to take an active role in their education in order to be successful. A mandate for this course is that students show up every day motivated, ready to explore and reflect on where they are now and develop a realistic plan on how to evolve in order to meet their future goals.

## Career and Technology Education

- All co-op programs require the student to be at least 16 years of age and have junior or senior standing. All co-op programs must be entered at the beginning of the school year.
- All pre-employment labs require the student to be at least 16 years of age.
- Resource students must have A.R.D. committee approval for all Career Technology classes.

## VHS Career and Technology Courses

ATC = Advanced Technical Credits may be counted as college credits depending on your college of choice.

### AGRICULTURE, FOOD AND NATURAL RESOURCES

All Ag-Science Courses: Three-month supervised agricultural activity requirement for students enrolled in Agriscience includes agricultural entrepreneurship, involving the functions of organizing and managing the factors of production and distribution of goods and services; work experience in an agribusiness; and/or supervised out-of-class activities which require the development of skills necessary for employment in agricultural industry. A record book must be completed at the end of semester for credit in each course.

#### **Principles of Agriculture, Food and Natural Resources (PRINAFNR).**

Grades 9-12 (1 credit) Designed to provide an introduction to global agriculture and enhance the agricultural comprehension in Ag Science. The course includes instructional units in soils, plants, animals, agricultural construction, food science, supervised agricultural experience programs, leadership, career development, communications, personal finance and mechanized agriculture.

#### **Livestock Production (LIVEPROD)**

*Offered every other year.* (.5 credit) A course that includes principles of animal production and the management of animals as related to agriculture.

#### **Agricultural Mechanics and Metal Technologies (AGMECHMT)**

Grades 10-12 (1 credit) Designed to introduce the scientific principles, concepts and skill development

necessary in agricultural mechanics. The course emphasizes soil and water conservation, electrification, concrete and masonry construction, building planning and construction, small engine and agricultural equipment maintenance and repair, and oxy fuel and electric cutting and welding.

### **Equine Science (EQUINSCI)**

*Offered every other year.* (.5 credit) Designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health and management of horses.

### **Small Animal Management**

*Offered every other year.* In this course students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. 1/2 credit

### **Wildlife Management (WFECMGT)**

*Offered every other year*(1 credit) Designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources..

### **Horticulture Science (HORTISCI)**

*Offered every other year.*(1 credit) Designed to develop an understanding of common horticultural management practices as they relate to food and plant production. Students will participate in planting a spring garden

### **Agribusiness Management and Marketing**

*Offered every other year.* A course designed to provide a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness. To prepare for careers in agribusiness systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to agribusiness marketing and management and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. One Credit

### **Agricultural Facilities Design and Fabrication (AGFDFAB)**

(1 Credit) designed to develop skills in the maintenance, evaluation, design, and building of agricultural structures using approved construction techniques.

## **ARCHITECTURE AND CONSTRUCTION**

### **Principles of Architecture and Construction (PRINARCH)**

(1 credit) Designed to provide a basic understanding of career opportunities, training requirements, and minimal skills in seven construction-related careers: heating, ventilation, air-conditioning, and refrigeration (HVACR), bricklaying/stone masonry, carpentry, electrical trades, painting and decorating, plumbing/pipefitting, and industrial/heavy construction.

### **Interior Design (INTERDSN)**

(1 credit) Focuses on the design of residential and nonresidential interior environments to achieve occupant well being and productivity. Content addresses design practices and influences, lighting, materials, furnishings, legal considerations, and the impact of technology on interiors. Budgeting, consumer decision-making, safety, the care and maintenance of interiors, career preparation, and the management of multiple roles are emphasized.

### **Construction Technology (CONSTECH)**

(2 credits) Instruction is designed to provide job-specific training for entry-level employment in construction-related careers: carpenter, bricklayer/stone mason, electrician, plumber, painter and decorator. Prerequisite: Prin of Architecture. Must be 16 years of age.

### **Advanced Construction Technology (ADVCONST)**

(2 credits) Continuation of Building Trades I. Instruction is designed to enhance entry-level training and employment in one of the five construction-related areas. Prerequisite: Prin of Arch and Construction Tech

## ART, A/V TECHNOLOGY AND COMMUNICATION

### **Animation I (ANIMAT)**

Grades 11-12 (1 credit) Are you the student who looks at movies, TV shows, cartoons, or online advertisements and wonders, “How do they do that?” This course is an introduction to skills required for a career or hobby in animation. You will develop the technical knowledge and skills needed for success in this field. You will also develop an understanding of the history and techniques of the animation industry. This is a hands-on course and you will create your own animation projects using a variety of techniques and software programs. Your friends and family will be asking you, “How did you do that?”

### **Audio Video Production (AVPROD)**

Grades 10-12 (1 credit). Video production is probably the most universally known of all visual media and is an integral component of many technology applications. Students will develop an understanding of the history and evolution of the audio and video production fields in addition to participating in preproduction, production and postproduction stages of video creation.

### **Yearbook I (GRAPHDI)**

Grades 10-12 (1 credit) Students will be expected to develop a technical understanding of the commercial advertising and visual communications industry; including the use of computer and specialty software. Students will be participating in the photography, layout, and creation of the VHS Yearbook. Students will be responsible to help gather both on and off campus photos of school events. Career focus will be in the field of Graphic Design and Illustration. Prerequisite: Journalism.

### **Yearbook II-III(ADVGRADI)**

Grades 11-12 (1 credit) This is a continuation of the technical skills from Yearbook I. Additionally, students will be responsible for off campus advertising sales, interviews, and school events for gathering the photos. Career focus will be in the field of Graphic Design and Illustration. Prerequisite: YRBK I

## BUSINESS MANAGEMENT AND ADMINISTRATION

### **Principles of Business, Marketing and Finance (PRINBMF)**

Grades 9-12 (1 credit) Students will gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

### **Business Information Management I (BUSIM1)**

Grades 10-12 (1 credit) Prepares students to apply personal, interpersonal, and technology skills in other content areas such as the workplace, post-secondary education and business. The applications utilized in the course will include word processing, spreadsheets, multimedia presentations, databases, Internet research, and a look at emerging technologies. While an emphasis will be placed on simulations related to business. Lab supplies (paper, flash drive, etc.) or fee may be required.

*Certifications that could be earned: Microsoft Office – Word, Excel, Access, and PowerPoint*

## EDUCATION AND TRAINING

### **Prin. of Human Services**

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, education, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

### **Child Development**

(1 credit). Designed to focus on knowledge and skills related to the physical, emotional, social and intellectual development of children, their care, guidance, and protection. Instruction addresses the principles and procedures for promoting the physical, emotional, social, and intellectual development of

young children, including those with special needs. Other topics include characteristics of quality child care, career options related to the care and education of children, and the management of multiple community and family roles.

### **Instructional Practices in Education and Training (INPREDTR)**

Grade 11-12 (2 credits) A field-based internship which provides students background knowledge of child and adolescent development principles as well as principles of effective teaching practices. Students in this course work under the joint direction and supervision of both a family and consumer science teacher and exemplary educators in direct instructional roles with elementary, middle, and/or high school-aged students. Students from the class plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers. The students are involved in observations as well as direct students instruction; placement rotations are utilized to allow students to have experiences in a full range of education career roles, grade levels, subject areas, and ability groups. During the course of each week, students enrolled in this course are involved in instruction from the family and consumer science teacher as well as involved in supervised field-based observations and applications of principles/practices studied in the class. Students registering for the Human Growth and Development should have an overall B average; work on grade level, with good attendance, good conduct, the ability to get along with others and the ability to work independently. Prerequisites: Child Guidance with an 80 average.

### **Practicum in Education and Training (PRACEDTR)**

Grade 12 (2 credits) A continuation of Human Growth and Development. Students will observe in classrooms. They will plan and direct lessons, including preparing materials and completing responsibilities of a classroom teacher. Prerequisite: Child Guid & Instru Prac in Education and Train

## **FINANCE**

### **Accounting I (ACCOUNT1)**

Grades 09-12 (1 credit) Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

### **Accounting II (ACCOUNT2)**

Grades 11-12 (1 credit) A continuation of Accounting 1 with more in depth application. Prereq: Acctg I

### **Accounting III (FINANAL)**

Grades 12 (1 Credit) Students apply technical skills to develop knowledge and skills in the economical, financial, technological international, social and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students develop analytical skills by actively evaluating financial results of multiple businesses, interpreting results for stakeholders, and presenting strategic recommendations for performance improvement. Prerequisite: Acctg II

### **Dollar and Sense**

This course focuses on consumer practices and responsibilities, money-management processes, decision-making skills and impact of technology. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short term and long-term financial goals. (0.5 credit) Grade 9-12

## **HEALTH SCIENCE**

### **Principles of Health Science (PRINHLSC)**

(1 credit) An overview of the therapeutic, diagnostic, environmental, and informational systems of the healthcare industry. The focus is on career exploration, leadership development, ethical and legal issues, and the history, economics, and trends in financing health care. Students will develop a concept of health and wellness from the perspective of a health consumer as well as a potential professional in the healthcare industry.

### **Health Science (HLTHSCI)**

(1 credit) A one-year program that combines academic and clinical experience. Students will receive classroom instruction which includes lecture, classroom laboratory and individualized study that focuses on the basic knowledge and skills of medical terminology, communication skills, ethical and legal issues, employment skills, safety, and mobility, leadership and personal quality concepts and skills. As well as, skills in anatomy and physiology, first aid and emergency care, vital signs, infection control and asepsis, health career math and patient personal care skills. Prerequisite: PHST. *Must be 16 years of age.*

### **Practicum in Health Science (PRACHLSC)**

Grade 12 (2 credits) Combines advanced academic and clinical experience in the areas of medical terminology, communication skills, health care history, safety and mobility, employment skills and leadership concepts and skills. Also, anatomy and physiology, ethical-legal, first aid and emergency care, vital signs, infection control and asepsis, health career math, nutrition and patient personal care skills are included for entering the RN program at the postsecondary level. Prerequisites: PHST & HLTH SCI  
Certification: CPR and CNA (Certified Nurse's Aide)

### **Scientific Research and Design II Honors (SCIRD2) (Pharmacy Tech)**

Grade 12 (1 credit) The Scientific Research and Design course includes the process of science that can include content that is innovative and detailed. Students conduct guided or independent research in any of the science disciplines. Their research must be presented to an appropriate audience. Prerequisite: Biology 1 & 8929 *Counselor approval.* This course meets the 4<sup>th</sup> year of Science requirement for graduation. Certification: Pharmacy Tech

### **Anatomy and Physiology Honors (ANATPHYS) (Dual Credit)**

Grades 11-12 (1 credit/ 9 college hours) The TEA TEKS requirements for Anatomy and Physiology of Human Systems are met by the completion of BIOL 2401 and BIOL 2402. Prerequisites: counselor approval, parent permission, and obtaining a passing score or exemption from college entrance requirements. Prerequisites: 90 in Biology 1, 85 in Chemistry, 85 Algebra 2 or currently enrolled. This course meets the 4<sup>th</sup> year of Science requirement for graduation..

### **Medical Terminology (Dual Credit)**

This is a dual credit course through LIT Beaumont and 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-.05 credit- Grades 9-12 Prerequisite Principles of Health Science.

## **HOSPITALITY AND TOURISM**

### **Prin. of Human Services**

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, education, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

### **Introduction to Culinary Arts**

This class will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course. 1 credit-Recommended for Grades 9-10 -Prerequisite Principles of Human Services or Hospitality

### **Culinary Arts 1 (CULARTS)**

Grades 11-12 (2 credits) Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques.

Prereq:Lifetime Nutrition and Wellness and Foods 101 Certification – Safe Serve, Texas Food Handlers

### **Practicum in Culinary Arts (PRACCUL)**

Grade 12 (2 credits) A continuation of Culinary Arts with much emphasis on employability skills, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio

development. Prerequisite: Culinary Arts 1

## HUMAN SERVICES

### **Introduction to Cosmetology (INTCOSMO)**

Grades 9-10 (1 credit) Allows the student to explore such areas as hair styling, manicuring, shampooing and the principles of hair cutting, hair coloring and facial makeup.

### **Cosmetology I (COSMET1)**

Grade 11-12 (3 state, 1 local) the first year of a scientific study of general beauty culture where student operators are trained in the basic requirements for preparation in taking the State Board Exam. Included in basic theory are shampooing, hair styling, hair coloring, hair cutting, permanent waving, manicures, artificial nails, facials and makeup. Classroom theory and lab practices are used in the instruction. By the end of Cosmetology I, students will earn a total of 540 Time Clock Hours. Vidor Cosmetology is a licensed school by the Texas Department of Licensing and Regulation. Prerequisites: *Must be at least 16 years old.*

### **Cosmetology II (COSMET2)**

Grade 12 (3 state, 1 local) the second year of a scientific study of general Beauty Culture. Advanced theory in all areas of and concentrated training in speed drills are used to prepare the student operators for the State Board Exam taken in May of the second year. All second year students must take the State Board Exam to complete the course and receive credits for Cosmetology. Prerequisite: COS I and have 540 clock hours. *Certification: Cosmetology Operator License*

## INFORMATION TECHNOLOGY

### **Principles of Information Technology (PRINIT)**

Grade 9-10 (1 credit) This course focuses on the assembly and disassembly of modern computer systems. The study of electronic theory necessary to perform basic system maintenance will be included. The operation and checkout of computers, systems board circuitry, monochrome and color monitors, disk drive systems, computer architecture, and schematic diagrams will be presented. An introduction to disk operation system (DOS) software installation and the use of DOS in troubleshooting system abnormalities will be integrated with basic electronics and hardware needed to properly diagnose malfunctions.

### **Computer Maintenance (COMPMTN)**

Grade 11-12 (1 credit) Designed to provide job-specific training for entry-level employment in the rapidly expanding computer maintenance career field. Includes electricity/electronic theory, computer systems, data-communications, digital electronics, installations, inspections, adjustments, repair and maintenance, safety, and career opportunities. Prerequisite: PIT & *Must be 16 years of age and have taken .*

### **Computer Technician (COMPTECH)**

Grade 12 (2 credits) A continuation of the first year, with instruction designed to enhance the job-specific training for entry-level employment. Prerequisite: Comp Maintenance

*Certification: A+*  
collaborators.

## LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

### **Principles of Law, Public Safety, Corrections, and Security (PRINLPCS)**

Grades 9-12 (1 credit) This course provides instruction in security, ethical considerations; the nature and impact of security; and an overview of security systems, agencies, and practices. The concepts and skills for security officer plus Texas' rules and regulations; security specialist training and certification; organization of personnel; security applications; and security problems are taught. Instruction is based on the content required by the Texas Board of Private Investigators and Private Security Agency.

### **Law Enforcement I (LAWENF1)**

Grade 10-12 (1 credit) A course designed as a study of the history and philosophy of criminal justice and its ethical considerations. Crime is defined. Its nature and impact are explored. Instruction includes as overview of the criminal justice system, law enforcement and the court systems, a study of prosecution and

defense, trial processes, and corrections and penal systems. Prerequisite: Prin of Law

### **Law Enforcement II (LAWENF2)**

Grades 11-12 (1 credit) Provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony. Prerequisite: LE I

### **Court Systems and Practices (COURTSP)**

Grades 11-12 (1 credit) An overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Students learn to be witnesses and lawyers in realistic cases. Prerequisite: LE I

## **MANUFACTURING**

### **Agricultural Mechanics and Metal Technologies (AGMECHMT)**

Grades 10-12 (1 credit) Designed to introduce the scientific principles, concepts and skill development necessary in agricultural mechanics. The course emphasizes soil and water conservation, electrification, concrete and masonry construction, building planning and construction, small engine and agricultural equipment maintenance and repair, and oxy fuel and electric cutting and welding.

### **Agricultural Structures Design and Fabrication ( )**

In this course, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings. Grades-11-12 Recommended prerequisite: Agricultural Mechanics and Metal Technologies. One Credit

### **Introduction to Welding (Welding 1)**

Recommended grade 11- Prereq. Ag Metal Fabrication- One credit- Students will gain an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. 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. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to welding and apply them to personal career development. This course supports integration of academic and technical knowledge and skills.

### **Advanced Welding (ADWELD)**

Grade 12 (2 credits) This course is a continuation of Welding I. Instruction is designed to enhance job-specific training for employment in welding careers. Prerequisite: Welding  
*Certification: Level 1 Welding certification possible with proper skills.*

## **MARKETING**

### **Career Prep I (CAREERP1)**

Grades 11-12 (3 state, 1 local) A course designed to focus on the study of marketing concepts and principles and their practical applications. Students will gain a working knowledge of the marketing concept and its application. Prerequisite: *Must be 16 years of age.*

### **Career Prep II (CAREERP2)**

Grade 12 (3 state, 1 local) An advanced marketing course with emphasis on developing decision-making skills. The development of a marketing research project is a recommended component. Prerequisite: Career Prep I

## **TRANSPORTATION, DISTRIBUTION AND LOGISTICS**

### **Principles of Transportation, Distribution, and Logistics (PRINTDL)**

Grade 9-12 (½ credit) This course is designed to provide a broad basic understanding of career opportunities and training requirements and to introduce skills in six transportation-related service careers: aircraft mechanics, auto body and collision repair, automotive technology, diesel engine mechanics, small engine repair, and mechanics.

### **Automotive Technology (AUTOTECH)**

Grades 11-12 (2 credit) Instruction is designed to provide job-specific training for entry-level employment



in the automotive engine repair and service career field. Instruction emphasizes use of repair manuals, service and/or repair of basic automobile components – fuel systems, engines, emission controls, power trains, chassis, electrical systems, brakes, heating and air conditioning. Prerequisite: *Must be 16 years of age. Certification: Career Safe*

**Advanced Automotive Technology (ADVAUTOT)**

Grade 12 (2 credits) This course is a continuation of the first year, with more in-depth study in the automotive engine repair and service career-field. Instruction emphasizes use of repair manuals and the service and/or repair of basic automotive components; fuel systems, engines, emission control, power train, chassis, electrical systems, brakes and heating and air conditioning. Instruction includes safety and career opportunities. Prerequisite: Auto Tech *Certification: Career Safe*

**Vidor High School Four Year Plan**

\*\*\*\*\*Use this worksheet as a guide for planning courses to satisfy your chosen Endorsement.

**NAME** \_\_\_\_\_ **ID #** \_\_\_\_\_

**Grad plan:**      **FHSP**                      **FHSP+Endorsement**                      **FHSP+Endorsement+LDA**

<p><b>CAREER CLUSTER</b></p> <p>1. _____</p> <p>2. _____</p>
--

<p><b>ENDORSEMENT:</b></p> <p>_____ STEM</p> <p>_____ PUBLIC SERVICES</p> <p>_____ MULTIDISCIPLINARY STUDIES</p> <p>_____ BUSINESS &amp; INDUSTRY</p> <p>_____ ART/ HUMANITIES</p>
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<b>4 YEAR COLLEGE</b>	<b>TECH/2 YEAR</b>	<b>MILITARY</b>	<b>JOB FORCE</b>
<b>THREE YEAR GRADUATE:</b>			
	<b>YES</b>	<b>NO</b>	

JR HI	GRADE 9	GRADE 10	GRADE 11	GRADE 12

TOTAL CREDITS:				
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STAAR EOC EXAMS:


**VIDOR HIGH SCHOOL  
ENDORSEMENT DECLARATION**

\_\_\_\_\_ ( Student Name)

\_\_\_\_\_ (Student ID)

According to Texas State Board of Education House Bill 5, upon entering high school, students are required to choose a Career Endorsement. Please Initial and date an endorsement below that best fits your future plans, interests and elective choices.

\_\_\_\_\_ **STEM (Science, Techn., Engineering, Mathematics)**

(Initial) \_\_\_\_\_ (Date) \_\_\_\_\_  
 Option A: Math  
 Option B: Science

\_\_\_\_\_ **Business & Industry**

(Initial) \_\_\_\_\_ (Date) \_\_\_\_\_  
 Option A: CTE- Ag, Architecture, Welding, Auto, Info Tech, Finance,  
 Culinary Arts  
 Option B: Multidisciplinary- 3 credits from any CTE class and 1  
 advanced.

\_\_\_\_\_ **Public Services**

(Initial) \_\_\_\_\_ (Date) \_\_\_\_\_  
 Option A: CTE-Education, Law/Law enforcement,  
 Health Sci. and Cosmetology

\_\_\_\_\_ **Art/Humanities**

(Initial) \_\_\_\_\_ (Date) \_\_\_\_\_  
 Option A: Fine Arts Option B: Social Studies

\_\_\_\_\_ **Multidisciplinary Studies**

(Initial) \_\_\_\_\_ (Date) \_\_\_\_\_  
 Options:  
 A: Four 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.  
 B. Four credits in each of the four foundation subject areas to include  
 English 4 and Chemistry and/or Physics (similar to a 4x4 plan)  
 C. Four credits in AP or Dual Credit selected from English, Math,  
 Science, Social Studies, Economics, LOTE, or Fine Arts.

**With a parent signature, students are allowed to change endorsements at any time.**

\_\_\_\_\_