

MOUNT VERNON COURSE CATALOG

2020-2021



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This catalog is available online @ www.mtvernonisd.net – click the high school link

MOUNT VERNON HIGH SCHOOL COURSE SELECTION CATALOG

Intended for the use of both parents and students, the following Course Descriptions and Curriculum Guidelines for Mt. Vernon High School represents the school administration's continuing efforts to provide pertinent information about high school and, specifically, a description of the courses offered. This guide has been assembled utilizing Texas Education Agency publications as they apply to the local district. Students are urged to study this booklet along with other documents as they plan their high school programs. An early decision about the career one wishes to pursue will be helpful in selecting courses.

The course guide lists the courses available to high school students. It should be noted that not all of the courses listed are scheduled every year. For a class to be offered, a minimum number of students must request that course. For this reason it may be necessary to schedule classes on an alternate-year basis or to eliminate them. When a sufficient number of student requests warrant it, every effort will be made to offer a desired course.

The course guide offers other valuable information such as graduation plans, graduation requirements and college requirements. Students should be careful to stay in contact with colleges they are interested in attending to make sure entrance requirements do not change from year to year.

Equal Opportunity

Mt. Vernon ISD offers equal educational opportunities to all eligible persons without regard to race, creed, color, national origin, sex, handicapping conditions, or English proficiency.

MT. VERNON HIGH SCHOOL ACADEMIC PROGRAMS 2020-2021

All students entering Grade 9 in the 2014-2015 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the Foundation High School Program and the curriculum requirements for at least one endorsement specified in HB 5.

Foundation High School Plan with ENDORSEMENTS:

HB 5 creates a single “Foundation Diploma” (22 credits) and one of five endorsements for graduation (increases the required credits to 26):

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

Refer to pages 36-39 of the Course Catalog to see the sequence of courses for each endorsement.

Distinguished Level of Achievement

A student must earn distinguished level of achievement to be eligible for **top 10% automatic admission to any Texas public post-secondary school. (University of Texas at Austin is top 6%)**

A student may earn a distinguished level of achievement by successfully completing:

- a total of four credits in mathematics, which must include Algebra II
- a total of four credits in science
- the remaining curriculum requirements (FHSP), and
- the curriculum requirements for at least one endorsement.

Performance Acknowledgements

A student may earn a performance acknowledgement on their high school diploma and transcript by one or more of the following:

- Outstanding performance in dual credit course by completing at least 12 hours of college academic courses with a grade of the equivalent of 3.0 or higher on a scale of 4.0.
- Outstanding performance in bilingualism and biliteracy by completing a minimum of three credits of the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of a 100.
- A student may earn a performance acknowledgement for outstanding performance on a College Board Advanced Placement test with a score of 3 or above.
- By earning a score on the PSAT that qualifies the student for recognition as a commended scholar or higher.
- By earning a composite score on the ACT examination of 28 (excluding the writing subscore).
- By earning a combined critical reading and mathematics score of at least 1250 on the SAT.
- A student may also earn a performance acknowledgement by earning a nationally or internationally recognized business or industry certification or license.

STAAR End of Course (EOC) Assessments

Students are required to take the STAAR EOC assessments as part of their graduation requirements. STAAR EOC assessments will be administered in Algebra I, Biology, English I, English II and U.S. History.

GUIDELINES FOR ALL PROGRAMS

PE Substitutions

Students who take cheer or marching band/flags may receive a waiver for the physical education requirement, upon successful completion of the fall semester. Each fall semester counts as 1/2 unit of credit toward the physical education credits until 1 credit waivers are received. No student may earn more than 1/2 unit for the physical education waiver per semester in physical education or a physical education equivalent. A student may not receive a physical education credit and physical education waiver during the same semester.

Concurrent Enrollment in English and Math Course Guidelines

A student may not take two separate English courses concurrently unless he/she has received prior approval from the principal. A student may not take Algebra I and Algebra II concurrently unless he/she has received prior approval from the principal.

Semester and Year Long Courses

A one (1) credit course is one that meets for one class period for both semesters, that is, the entire school year. To receive credit in a one (1) credit course the first and second semester averages must average to be a 70 or higher. A one-half (1/2) credit course is one that meets for one class period per day for one semester only, either fall or spring. To receive credit in a one-half (1/2) credit course, the semester average must be a 70 or higher.

Class Load Requirements

All students in grades 9 – 12 are required to take eight classes. Seniors are not allowed to enroll in college level courses that may conflict with their daily Mount Vernon High School class schedule. All college classes should be taken either on the MVHS campus as a dual credit class or after 3:22PM. All students must receive prior permission before enrolling in any college level courses. See your counselor for more information.

Students in grades 11-12 may enroll in our Career Prep Program. Students enrolled in Career Prep will receive 3 Career and Technical Education (CTE) credits (1 for class, 2 for work). The student spends one hour in class each day and will need to acquire 15+ hours each week at their training station. All students in Career Prep I & II must have a job. Also, students must have room in their schedule to allow them to participate in Career Prep I & II. Students in Career Prep are the only students that will be allowed to leave school after 6th period. Some schedules may only allow for 2 CTE credits (1 for class, 1 for work). These students must work at least 10+ hours per week. Students will be required to provide proof of employment and hours worked to their Career Prep teacher.

Grade Level Classifications

Grade level classifications will be updated one time per year, in August. After the ninth grade, students are classified according to the number of credits earned toward graduation.

Credits Earned

6
12
18

Classification

Grade 10 (Sophomore)
Grade 11 (Junior)
Grade 12 (Senior)

DROPPING/ADDING/CHANGING COURSES

Students who wish to change their schedules in any way must do so within the **first three days** of the semester for which the change is to be made. The Texas Education Agency requires students to be in attendance in a class a certain number of days in order to receive credit for a course (90% of each semester), **there can be no student-initiated changes after this three-day period.** It is important for

students to register for the correct courses in the spring of each year for the following year because teacher class assignments are based on the number of students enrolled in a particular course.

The following criteria will be used to allow for schedule changes:

- A change is needed because the student failed a required course making necessary a schedule adjustment.
- A change is needed because the student earned credits during summer school necessitating a change.
- A change is needed which enables a senior to graduate in his/her senior year as opposed to not graduating.
- A change is needed as a result of a student being elected to or administratively assigned to an activity within the school.
- A change is needed as a result of a student having a schedule, which is not educationally feasible, i.e. prerequisite not met, etc.
- A change is needed, in the judgment of the principal that is in the best interest of the student and/or the teacher.

In order to best serve all students, some schedules may need to be changed to lower class size after each semester begins.

REQUEST FOR TEACHER CHANGE PROCEDURE

1. Parents will conference with the teacher regarding the request.
2. Parent and student will conference with the counselor regarding the change request.
3. The parent must request the teacher change in writing to the principal or assistant principal and must state, in detail, the reason for the change.
4. The administrator will conference with the student and parent. If a change is granted, the student will be assigned to another class based on the enrollment and the fewest scheduling conflicts.

Three-Year Graduates

Any student who wishes to graduate in three years must follow the process outlined here.

Students wishing to pursue early graduation must obtain parent permission in writing, schedule a meeting with parents, counselor, and principal, attain school permission for college enrollment, and meet all college admission and testing requirements to enroll. Refer to the student handbook for all state and local policies concerning dual credit and college courses. Information contained within the handbook is subject to change due to legislative updates. Any updates will be posted at www.mtvernonisd.net.

Students and their parents are responsible for all tuition and fees associated with the course(s) for which he/she enrolls. Students are also responsible for meeting deadlines, high school and college, and obtaining and returning proper forms. Students and parents need to be aware that senior privileges will not be awarded until second semester. Privileges will only be awarded if the student has met all early graduation requirements and is passing all courses. Each potential 3-year graduate will be re-evaluated in January.

ACHIEVE TEXAS

Getting the best possible education will take careful planning. The Career and Technology Education Programs of Study will provide the sequence necessary for students to focus on a career goal as they proceed through the curriculum. Each Program of Study provides information for careers from entry level to levels requiring a bachelor's degree and beyond. Students should see a counselor or college and career center materials in the library or college and career center to distinguish between entry level, semi-professional, and professional levels. Movement between Programs of Study or levels can change during the student's high school years with careful planning. Students may pursue more than one Program of Study while in high school, but are highly encouraged to complete at least one Program of Study while in high school.

These Programs of Study will help prepare Mt. Vernon High School students for the changing world of the future. Whether the future is training at a technical college, in the workforce, in an apprenticeship or at a four-year university, Programs of Study will be a systematic plan for all students to progress through a sequence of courses to accomplish identified academic and/or career goals.

PRE-ADVANCED & ADVANCED PLACEMENT

The primary goals of the Advanced Placement Program are to enrich the secondary school experience of students ready to apply themselves to college-level courses and to provide the means by which colleges may grant credit or placement, or both, to students with satisfactory Advanced Placement test scores. Exams are graded on a five-point scale with credit usually given for scores of three (3) or higher. The score requirement and number of college credit hours awarded or placement credit awarded varies among universities and colleges. All AP students will be encouraged to take AP exams for the course(s) in which they are enrolled. AP exams are usually scheduled in May. Scoring well on an advanced placement exam can lead to the requirements to receive a Performance Acknowledgement. (See p. 3)

Students taking an AP exam will pay the cost of the exam. When scores are received, MVHS will reimburse each student who scores a 3 or higher. The cost of the Advanced Placement test is \$94.

Enrollment in any Pre-AP/AP course requires teacher recommendation and some courses may also have additional requirements. Any student enrolled in a Pre-AP or AP class that receives a failing grade during a grading period will be removed from the class and enrolled into a regular class in the same subject.

ENROLLING IN PRE-AP/AP COURSES

Students entering high school need to plan with their counselor to ensure that all prerequisite courses are scheduled early enough to allow them to take the AP course(s) of their choice. Advance planning for Pre-AP courses may begin at the junior high level or before. All Pre-AP classes and AP classes receive higher grade points. AP classes are more challenging, take more time and require more work. AP classes require energetic, involved, and motivated students. These courses may include required summer reading and/or other assignments as deemed necessary by the instructor. Meetings may be held in the summer to ensure student progress. Summer meeting dates will be announced and are required. Pre-AP or AP classes

must be started at the beginning of a full-year course and may not be entered the second semester of a full year course.

DUAL CREDIT

Mt. Vernon High School will award credit and grade value points for classes that are taught on a college campus, distance-learning lab, and/or on the high school campus, if the student follows this policy and these procedures. Dual and concurrent courses, college courses for substitution, and AP courses will earn grade value points toward ranking and GPA points according to the following criteria: Any student taking college courses for substitution will receive grade value points at Level II of the MVHS grade value system. Dual credit courses and AP courses, taken on the Mount Vernon High School campus during regular hours, will receive value points at Level IV.

Dual Credit Eligibility Requirements:

- Must have completed freshman/sophomore year,
- Minimum “B” average in high school courses,
- Teacher and Counselor Recommendation,
- Passing standard on all parts of the STAAR EOC, and
- Qualifying score(s) on ONE of the college-readiness assessments (TSI, ACT, PSAT, SAT).

These courses may be used as dual credit to count toward fulfilling graduation requirements and that credit will be awarded only upon successful completion of the courses (including attending at least 90 percent of the days the class is offered).

In order to earn dual credit, students must make a “C” or better, which would equal to a grade of “70” or more. If a student does not successfully complete the course(s) with a final grade of at least a “70” (“C”), the student will be required to refund any monies paid by Mount Vernon ISD to NTCC, for the course(s). If a student does not meet the grade requirements, he/she will not be allowed to enroll the following semester. At this time, MVHS will pay ½ of the tuition and fees, for up to two dual credit course(s) for Juniors and Seniors, offered at MVHS during the school day, pending available High School Allotment funds. Textbooks for these courses are paid for by MVHS, however, if the course requires an online digital textbook, then students will accrue the cost of the textbook. Also, students will be responsible for the cost of any textbook assigned to them that is lost or damaged.

COLLEGE PLANS

A student who plans to enter college after high school graduation should know the requirements for entrance into the college or university he/she plans to attend. Be certain to enroll in high school subjects required for admission to that particular college, since college admission requirements vary from one university to another and from year to year. Students and their parents must accept the responsibility for making the proper choices of subjects in high school to meet the requirements for entrance into the college of their choice. Under no circumstances should you depend on any high school official to choose your courses for you. The counselors, principal, or faculty members would be glad to assist you at any time concerning your program, but you and your parents must make the final decisions.

COLLEGE ENTRANCE EXAMS AND CERTIFICATION TESTS

Many colleges and universities require that students take an entrance examination such as the ACT or SAT, and many junior colleges require that students take the Texas Success Initiative Assessment (TSIA) to meet entrance qualifications. Also, many of our Programs of Study require certification tests to help them complete their desired Program of Study. With the passing of House Bill 3 in the 86th Legislature, funding was approved to allow for reimbursement of one college entrance examination while in high school or one certification examination while in high school. Students will need to discuss with the school counselor which test they wish to have MVISD pay. This reimbursement will be provided to students in their senior year or spring of their junior year for ACT, SAT, or TSIA. Reimbursement is provided once per high school student for any of the Industry-Based Certifications that are offered through our CTE Programs of Study.

Students are also eligible to receive fee waivers for ACT and SAT examinations while in high school. Students must meet one of the qualifying areas to receive an ACT or SAT fee waiver:

1. Be currently enrolled in high school in the 11th or 12th grade.
2. Be testing in the United States, US territories, or Puerto Rico.
3. Meet one or more of the indicators of economic need listed below:
 - Enrolled in a federal free or reduced-price lunch program at school, based on US Department of Agriculture (USDA) income levels (see table).
 - Enrolled in a program for the economically disadvantaged (for example, a federally funded program such as GEAR UP or Upward Bound). Note: If the student participates in a program, but is not economically disadvantaged, they are not eligible for a fee waiver.
 - Resides in a foster home, is a ward of the state, or is homeless.
 - Family receives low-income public assistance or lives in federally subsidized public housing.
 - Family's total annual income is at or below USDA levels for free or reduced-price lunches on the USDA Food and Nutrition Service website. USDA Food and Nutrition Service

Visit the USDA Food and Nutrition Service website (<https://www.fns.usda.gov/school-meals/income-eligibility-guidelines>) to access the most current income eligibility guidelines.

COLLEGE AND CAREER CENTER

A College and Career Center is located in the high school commons area as well as the counselor's office. This area is updated as new materials are received. Students will have access to these areas during the school day. Students and parents may also visit the MVHS Counselor website to view many resources to help them prepare for their post-secondary plans. It is also helpful to sign up for the Counselor's Remind Account to receive updates on new scholarships and college information. Remind information is located in the Counselor's Office and the College and Career Center in the high school commons area.

Website: <https://sites.google.com/a/mtvernonisd.net/mvhscounselor/>

COURSE OFFERINGS AND DESCRIPTIONS

ENGLISH LANGUAGE ARTS

1110 English I

Grade: 9. Credit: 1. This course is designed as a basic study of the rules of English grammar, usage, and mechanics. The basics are then applied to composition writing using expository, descriptive, narrative, and persuasive essays. Literature involves novels, short stories, poetry, and plays from varied time periods. Weekly spelling and vocabulary lessons are required. Students will be required to complete one outside reading assignment each semester and one or more research papers.

1070 English I Pre-AP

Grade: 9. Credit: 1. A more in-depth study of the rules of English usage is then applied to composition writing that ranges from expository, descriptive, narrative, persuasive, research, and problem solving. Literature involves novels, short stories, plays, and poetry in greater depths. Emphasis will be placed on literary terminology and techniques. Students will be expected to complete one or more outside reading assignments each six-weeks as well as one or more research papers. Summer reading and vocabulary assignments required. *Prerequisite: Must have a final grade of an "A" in 8th grade English and pass 8th grade STAAR Reading*

1120 English II

Grade: 10. Credit: 1. This course is a basic study of the rules of English grammar, usage, and mechanics with new rules and usage fields added. All standard English usage is then applied to composition writing that includes expository, descriptive, narrative, persuasive and research papers. Literature involves novels, short stories, plays, and poetry of a more advanced nature than English I. Some outside reading will be required. *Prerequisite: English I*

1080 English II Pre-AP

Grade: 10. Credit: 1. An in-depth study of American and British literature, grammar, and composition. Students are expected to complete advanced assignments and to develop critical thinking skills. Students are expected to complete at least 1 novel each six weeks outside of class with an accompanying project as well as summer reading and vocabulary assignments. *Prerequisite: English I or English I Pre AP and teacher recommendation*

1130 English III

Grade: 11. Credit: 1. In this course, emphasis is placed on reading American literature and on formal and informal writing. Grammar skills are taught as they apply to writing. There is a weekly vocabulary study. *Prerequisite: English II*

1092 English III Honors

Grade: 11. Credit: 1. An in-depth study of American literature and composition. Students will be expected to complete advanced assignments and to develop critical thinking skills. Honors students will be expected to complete more outside reading assignments than regular English students. The course is designed as a college preparatory course, requiring a higher level of student performance than in regular English. Summer reading and vocabulary assignments are required. *Prerequisite: English II or English II Pre AP and teacher recommendation*

1140 English IV

Grade: 12. Credit: 1. This course covers three major areas of study: (1) British literature covering the eight major periods of literary development and including the history of the language and the study of British novel (2) Composition, including the study of techniques of improving writing ability and the writing of a major research paper, and (3) Review of Grammatical structure based on diagnostic tests. There is a weekly vocabulary study. Students will be required to complete outside reading assignments each semester. One six-weeks of research is required. No credit will be awarded without completing the research assignment. *Prerequisite: Students must successfully complete English I, II, & III before being allowed to take English IV*

1143 College Prep English

Grade: 12. Credit: 1. This course is designed to prepare students for college-level reading and writing courses. This course will provide an opportunity for students to investigate academic texts, construct supported interpretations and arguments, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. The successful completion of this course can grant the student an exemption to TSI requirements for reading and writing at our partnering institution, NTCC.

1100 English IV Dual Credit (6 hours of NTCC credit if enrolled)

Grade: 12. Credit: 1. The course provides advanced academic instruction beyond and in greater depth than the TEKS mandated by the state for English IV. Students commit in the spring of their junior year to take the course in the fall for college credit. This course is an in-depth study of literature, grammar, and composition. Students will also be expected to complete more outside reading assignments. The course is designed as a college course, requiring a high level of student performance and academic achievement. Prerequisite: Successful completion of English III and meet all MVHS and Northeast Texas Community College (NTCC) admission and testing requirements. Tuition for six semester hours must be paid to NTCC. Students finishing the course with a “B” or better may use this course as fulfillment of a Performance Acknowledgement. NTCC College Credit – English Comp I & II (ENGL1301 & 1302)

1141 Business English

Grade: 12. Credit: 1. Students recognize, evaluate and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication and reasoning skills and apply them to the business environment. Students are expected to plan, draft and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language and the correct use of the conventions and mechanics of written English and produce final, error-free drafts for business reproduction. *This course may count as students 4th year of ELA.*

0029 Practical Writing

Grade: 10-12. Credit: .5-1. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Students are expected to understand the recursive nature of reading and writing. Evaluation of students' own writing as well as the writing of others ensures that students completing this course are able to analyze and evaluate their writing. *Students that do not successfully pass their English I or English II EOC exams will be placed in this course to receive further assistance in exam preparation.*

0030 Literary Genres

Grade: 10-12. Credit: .5-1. Students enrolled in Literary Genres will spend time analyzing the fictional and poetic elements of literary texts and read to appreciate the writer's craft. High school students will discover how well written literary text can serve as models for their own writing. High school students respond to oral, written and electronic text to connect their knowledge of the world. *Students that do not successfully pass their English I or English II EOC exams will be placed in this course to receive further assistance in exam preparation.*

1298 Communication Applications-Dual Credit

Grade: 10-12. Credit: .5. Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities. *Prerequisite: Must meet all MVHS and Northeast Texas Community College (NTCC) admission and testing requirements. Tuition for six semester hours must be paid to NTCC. Students finishing the course with a "B" or better may use this course as fulfillment of Performance Acknowledgement. NTCC College Credit –SPCH 1315*

MATHEMATICS

1530 Algebra I

Grade: 9. Credit: 1. Emphasis is placed on deductive reasoning. The student will gain experience in solving equations and inequalities, working stated problems, using rational expressions and performing operations with polynomials.

1540 Geometry

Grades: 9-10. Credit: 1. This course covers the fundamentals of Euclidean Geometry. Emphasis will be placed on reasoning. Geometry will evolve from a set of definitions and undefined terms to complex theorems. Points, lines, planes, and angles will be studied. Characteristics of the circle, triangle, and other polygons will be introduced. Also included is the study of coordinate geometry. *Prerequisite: Algebra I*

1543 College Prep Math

Grade: 12. Credit: 1. This course addresses a variety of mathematical topics needed to prepare students for success in college-level mathematics. Mathematics topics include: numeracy with an emphasis on estimation and fluency with large numbers; manipulating and evaluating expressions and formulas; rates, ratios, and proportions; percentages; solving equations; linear equations and inequalities; linear systems; exponential models; data interpretations; functions. Successful completion of this course can grant the student an exemption to TSI requirements for mathematics at our partnering institution, NTCC. *Prerequisite: Algebra I*

1544 Applied Mathematics for Technical Professionals

Grades: 11-12. Credit: 1. This course uses problem-solving situations, hands-on activities, and technology to extend mathematical thinking and engage student reasoning. Situations relating to technical applications provide students opportunities to make connections with mathematics and the workplace. *Recommended Prerequisites: Algebra I and Geometry*

1549 Pre-AP Algebra II

Grades: 10–12. Credit: 1. Since this is taught as an extension of Algebra I, each area of study is more in depth. Problems of a more abstract nature are emphasized. Skills taught include zero and negative exponents, factoring, equations with three variables, functions, matrices, conic sections, logarithms, probability, binomial expansions, and series. This course is designed for students with above average math skills who plan on taking AP Calculus. This

course moves at a much faster pace than regular Algebra II. *Prerequisite: Algebra I with at least a “B” average or higher in math and teacher recommendation.*

1550 Algebra II

Grades: 10-12. Credit: 1. This course is an extension of Algebra I. Each topic covered will be studied in more depth. Problems of a more abstract nature will be emphasized. Some areas will be zero and negative exponents, factoring the difference of two cubes, imaginary numbers, complex numbers, fractional exponents, vectors, systems of equations with three variables, functions, matrices, conic sections, logarithms, probability, binomial expansions, and series. *Prerequisite: Algebra I*

1542 Financial Math

Grade: 12. Credit: 1. Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. Financial Mathematics will integrate career and postsecondary education planning into financial decision-making. *Prerequisite: Algebra I and Geometry.*

1544 Applied Math for Technical Professionals

Grade: 11. Credit: 1. Applied Math for Technical Professionals uses problem-solving situations, hands-on activities, and technology to extend mathematical thinking and engage student reasoning. Situations relating to technical applications provide students opportunities to make connections with mathematics and the workplace. *Prerequisites: Algebra I and Geometry*

1590/1591 Pre-AP/Dual Credit Pre-Calculus (6 hours of NTCC credit if enrolled)

Grades: 11-12 . Credit: 1. The study of analytical geometry, trigonometry, advanced algebra, and functions. Analytic geometry includes the study of lines, circles, parabolas and hyperbolas. Pre-AP Pre-Calculus is the study of triangles, the ratio of the sides of a triangle and the laws concerning triangles. Advanced algebra expands on the algebra covered in Algebra II and adds some topics. Functional terminology is introduced along with limits, domain, and range. *Prerequisite: Algebra II with at least a B average and meet all MVHS and Northeast Texas Community College (NTCC) admission and testing requirements. Tuition for six semester hours must be paid to NTCC. Students finishing the course with a “B” or better may use this course as fulfillment of Performance Acknowledgement. NTCC College Credit – College Trig (MATH 1316) & Pre-Cal (MATH 2312)*

1548 Math Independent Study-College Algebra/Statistics(6 hours of NTCC credit if enrolled)

Grades: 11-12. Credit: 1. Advanced math including topics in Algebra II, Statistics and Analytical Geometry. Advanced math skills are required. *Prerequisite: Algebra I, Geometry, Algebra II and meet all MVHS and Northeast Texas Community College (NTCC) admission and testing requirements. Tuition for three semester hours must be paid to NTCC. Students finishing the course with a “B” or better may use this course as fulfillment of a Performance Acknowledgement. NTCC College Credit– College Algebra (MATH 1314).*

1592 AP Calculus AB

Grade: 12. Credit: 1. The use of high level math skills in the study of limits, derivatives and application of derivatives, integrals, and application of integrals. The course is designed as a college course, requiring a high level of student performance and academic achievement. Upon completion of this course an Advanced Placement test may be taken. *Prerequisite: Pre-Calculus and teacher recommendation.*

SCIENCE

1710 Biology I

Grade: 9. Credit: 1. This course is a laboratory-oriented course that includes safe uses of biological equipment and chemicals: classifying and studying plant and animal systems, analyzing DNA & RNA, using scientific methods to conduct experiments, plotting data on graphs, charting genetic research and studying ecological backgrounds.

1715 Biology I Pre-AP

Grade: 9. Credit: 1. A biology course for the advanced student, college-bound, and/or pursuing a science degree or career. Much of the course will be as Biology I but with greater requirements and a greater challenge to the student. This course is required before taking Biology AP. *Prerequisite: Must have a final grade of an "A" in 8th grade Science and pass 8th grade STAAR Science.*

1720 Chemistry I

Grades: 10-12. Credit: 1. In Chemistry, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives. *Prerequisite: 1 credit of high school science and Algebra I.*

1721 Chemistry Pre-AP

Grades: 10-12. Credit: 1. For the advanced, college-bound, and/or student pursuing a science degree or career. A more rigorous treatment of the concepts and topics covered in Chemistry I. Students will be expected to function at a higher level of operation. *Prerequisite: teacher recommendation, 1 credit of high school science, and Algebra I*

1724 Astronomy

Grades: 11-12. Credit: 1. In Astronomy, students conduct laboratory and field investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, and reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work collaboratively, and develop critical-thinking skills. *Suggested prerequisite: 1 credit of high school science*

1725 Environmental Systems

Grades: 11-12. Credit: 1. In Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments. *Suggested prerequisites: 1 credit of high school life science and 1 credit of high school physical science. (i.e. Biology and Chemistry or Biology and IPC)*

0090 Principles of Technology

Grades: 10-12. Credit: 1. In Principles of Technology, students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem

solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices. This course is comparable to Physics.

*Prerequisites: 1 credit if high school science and Algebra I. **This course counts as a Career and Technology Science credit and meets HB 5 Graduation requirements.***

1741 Anatomy and Physiology

Grades: 11-12. Credit: 1. In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. *Prerequisite: Biology and 2nd science credit. Recommended prerequisite: a course from the Health Science Career Cluster. **This course counts as a Career and Technology Science credit and meets HB 5 Graduation requirements***

1744 AP Biology

Grade: 12. Credit: 1. A biology course for the advanced student, college-bound, and/or pursuing a science degree or career, with greater requirements and a greater challenge to the student. This course follows the standards set forth by the Advanced Placement Board. It is strongly recommended that students take the Advanced Placement exam for college credit. Refer to p. 6 of this catalog for the MVISD AP Test Procedures. *Prerequisite: Biology, Chemistry and teacher recommendation.*

1796 Engineering Design and Problem Solving

Grades: 12. Credit: 1 The Engineering Design and Problem-Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants. Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution.

1906 Advanced Animal Science

Grade: 11-12. Credit: 1. This course examines the interrelatedness 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. *Prerequisites: Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production. Recommended prerequisite: Veterinary Medical Applications. **This course counts as a Career and Technology Science credit and meets HB 5 Graduation requirements. Possible Dual Credit Option Available.***

SOCIAL STUDIES

1860 World Geography

Grades 9-12. Credit: 1. A study of the nature of geography, both the physical and cultural, geographical terminology, tools, and methodologies. The major landforms, features, physical forces and settings, natural resources, major nations and regions of the world will be studied.

1810 World History Studies

Grades: 10-12. Credit: 1. A study in development of early civilizations, as well as the development of the Western civilization and other regions. Also covered are the influences that geographic locations have had on world history with a special emphasis on the development of the twentieth century.

1800 U.S. History Studies Since 1877

Grade: 11. Credit: 1. A study of the history of the United States from 1877 to the present. A chapter by chapter unit of study of the making of America and how it became a world power. The involvement of two major world conflicts and other police actions encountered by the U.S., as well as major domestic problems of the past 100 years are studied. This course is in correlation with American Literature also taught in grade 11. *Prerequisite: World History*

1801 U.S. History AP/Dual Credit (6 hours of NTCC credit if enrolled)

Grade: 11. Credit: 1. This course provides advanced academic instruction beyond, and in greater depth, than the TEKS mandated by the state for U.S. History. *Prerequisite: Meet all MVHS and Northeast Texas Community College (NTCC) admission and testing requirements. Tuition for six semester hours must be paid to NTCC. Students finishing the course with a "B" or better may use this course as fulfillment of a Performance Acknowledgement. NTCC College Credit – U.S. History to 1877 (HIST 1301) & U.S. History Since 1877 (HIST 1302).*

1820 U.S. Government

Grade: 12. Credit: .5. A study of the founding of the United States political system and its governmental system, with a study of its structures and functions, including the Legislative, Executive, and Judicial branches of government and how they check and balance each other. Students also learn participation and decision making in civic affairs, while studying state, county, and local government. *Prerequisite: U.S. History and World History or World Geography*

1841 U.S. Government Dual College Credit (3 hours of NTCC credit if enrolled)

Grade: 12. Credit: .5. Dual credit course offered through NTCC as a hybrid course. Course is partially on-line, with MVHS providing a facilitator. NTCC is responsible for providing assignments, grades, etc. A study of the founding of the United States political system and its governmental system, with a study of its structures and functions, including the Legislative, Executive, and Judicial branches of government and how they check and balance each other. Students also learn participation and decision making in civic affairs, while studying state county, and local government. *Prerequisites: U.S. History, World History or World Geography and meet all MVHS and Northeast Texas Community College (NTCC) admission and testing requirements. Tuition for three semester hours must be paid to NTCC. Students finishing the course with a "B" or better may use this course as fulfillment of a Performance Acknowledgement. NTCC College Credit - American National Government (GOVT 2305).*

1830 Economics Free Enterprise

Grade: 12. Credit: .5. A study of the American free-enterprise system, including business organization and purpose, the study of government control over business and how the economy is controlled by the Federal Reserve System. There is also a study of consumer economics to understand the law of supply and demand. *Prerequisite: U.S. History and World History or World Geography*

1851 Macro Economics Dual Credit (3 hours of NTCC credit if enrolled)

Grade: 12. Credit: .5. Dual credit course offered through NTCC as a hybrid course. Course is partially on-line, with MVHS providing a facilitator. NTCC is responsible for providing assignments, grades, etc. *Prerequisites: U.S. History, World History or World Geography, and meet all MVHS and Northeast Texas Community College (NTCC) admission and testing requirements. Tuition for three semester hours must be paid to NTCC. Students finishing the*

course with a "B" or better may use this course as fulfillment of a Performance Acknowledgement. NTCC College Credit - Macroeconomics (ECON 2301)

SOCIAL STUDIES ELECTIVES

3010 Sociology

Grades: 11-12. Credit: .5. This course is designed to help students develop an understanding of the basis principles of sociology. It deals with the study of people and their social institutions found in all societies.

3020 Intro Psychology

Grades: 11-12. Credit: .5. This course is an introduction to the systematic and scientific study of the behavior and mental processes of human beings and other animals. The course will also examine the history of psychology.

1864/1865 Independent Studies in Social Studies: The Bible's Hebrew Scriptures (Old Testament) and New Testament and Their Impact on the History and Literature of Western Civilization.

Grades: 11-12. Credit: .5 each semester. The fall semester will be a course on the Hebrew Scriptures (Old Testament) and its impact on the History and Literature of the Western Civilization. The spring semester will be a study of the New Testament and its impact on the History and Literature of the Western Civilization. The purpose of these courses will be to teach students knowledge of biblical content, characters, poetry, and narratives that are prerequisites to understanding contemporary society and culture, including literature, art, music, mores, oratory, and public policy. The courses will also familiarize students, as applicable, the contents, history, literary style and structure, and the influence of the Hebrew Scriptures or New Testament on law, history, government, literature, art, music, customs, morals, values, and culture.

These courses will follow all applicable law and all federal and state guidelines in maintaining religious neutrality and accommodating the diverse religious views, traditions, and perspectives of students in the school district. These courses will not endorse, favor, or promote, or disfavor or show hostility toward, any particular religion or nonreligious faith or religious perspective.

LANGUAGES OTHER THAN ENGLISH (LOTE)

1321 Spanish I

Grades: 9-12. Credit: 1. This course is designed to give students a working Spanish vocabulary and a basic understanding of the verb/sentence structure in the language as it compares to, and differs from, English. Basic grammar skills and vocabulary will be taught through methods that include reading, writing, listening, and speaking.

1322 Spanish II

Grades: 10-12. Credit: 1. This course is an extension of Spanish I, with broadening of vocabulary, greater stress upon grammar and structure, and an extension of the study of Spanish verb tenses. Also, listening, speaking, reading and composition skills will be developed. Translation skills are needed also. *Prerequisite: Spanish I*

1333 Spanish III

Grades: 11-12. Credit: 1. This course is an extension of Spanish II. Students review Spanish grammar and verb tenses, and enhance their skills with more advanced writing and reading assignments. Speaking and listening skills will also be utilized. *Prerequisite: Spanish I and Spanish II. A Performance Acknowledgment can be earned in Bilingualism/Biliteracy for students that complete three years of the same foreign language with a "B" average or better.*

HEALTH AND PHYSICAL EDUCATION

1610 Foundations of Personal Fitness

Grade: 9. Credit: 1. Foundations of Personal Fitness represents a new approach in physical education and the concept of personal fitness. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the corner stone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

1611 Team Sports

Grade: 10. Credit: 1. Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for team work and fair play. Like the other high school physical education courses, Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concept of incorporating physical activity into a lifestyle beyond high school.

1651 Athletics 1 (Boys)

For boys grade 9. Credit: 1. See course description.

1551 Athletics 1 (Girls)

For girls grade 9. Credit: 1. See course description.

1661 Athletics 2 (Boys)

For boys grades 10. Credit: 1. See course description.

1561 Athletics 2 (Girls)

For girls grades 10. Credit: 1. See course description.

1671 Athletics 3 (Boys)

For boys grades 11. Credit: 1. See course description.

1571 Athletics 3 (Girls)

For girls grades 11. Credit: 1. See course description.

1672 Athletics 4 (Boys)

For boys grades 12. Credit: 1. See course description.

1572 Athletics 4 (Girls)

For girls grades 12. Credit: 1. See course description.

The Mt.Vernon High School athletic program consists of football, basketball, volleyball, track, baseball, cross country, tennis, softball, powerlifting and golf. All programs are U.I.L. participant sports. Each sport with the exception of cross country, track, tennis and golf, consists of weight training and year-round exercises for both boys and girls in an off-season program. PE equivalent courses are included under the same course credit requirements as PE courses with no more than 4 credits used toward graduation.

FINE ARTS

1210 Band I

For 9th grade. Credit: 1. Prerequisite: Jr. High Band. See description below.

1220 Band II

For 10th grade. Credit: 1. Prerequisite: Level I. See description below.

1230 Band III

For 11th grade. Credit: 1. Prerequisite: Level II. See description below.

1240 Band IV

1260 Jazz Band I*

1261 Jazz Band II*

1262 Jazz Band III*

1263 Jazz Band IV*

For 12th grade. Credit: 1. Prerequisite: Level III. See description below.

The high school band is composed of the marching band, symphonic winds, group ensembles and the color guard/winter guard. The Instrumental Department offers many opportunities for you to support your peers through school activities while enriching your academic, cultural, social, mental, and personal maturity. **Following are just some of the activities that you can participate in. For more detailed information, see the Director of Bands. *Auditions are required.**

HIGH SCHOOL MARCHING BAND – Can earn .5 substitute credit for P.E. in the fall

Marching Band is taught during the fall semester of band. Marching Band consists of the Color Guard, Wind players and Percussionist. The Marching Band ensemble performs a variety of musical styles including: blues, classical, country, jazz, rock, show tunes, etc... The Color Guard accents and contributes to the overall effect of the marching ensemble. For prerequisite and additional information, see Color Guard/Winter Guard. Emphasis is on oral, written, and performance participation. *Prerequisite: Music experience preferred and director approval.*

SYMPHONIC WINDS

Symphonic Winds is taught during the spring semester of band. It combines the essentials of academic and mental skills, while enhancing an appreciation for all the arts, as well as enhancing the spirit of the soul. The Symphonic Winds perform a wide range of serious and complex music. The ensemble also offers many opportunities for personal self-growth. Offering private study, solo and ensemble, All-District, Region, Area and All-State Band competitions allow each student to excel to their highest expectations. Emphasis is on oral, written and performance participation. The Symphonic Winds is an opportunity that should not be taken lightly! *Prerequisite: Musical experience and director's approval.*

MTV JAZZERS

The MTV Jazzers is considered to be an honors group for those students participating in the Marching Band and the Symphonic Winds. The ensemble studies America's only true musical art form, jazz. This course surveys the development of jazz from its roots in the blues and spirituals to the emergence of the contemporary fusion and avant-garde styles. It also deals with the techniques used in various periods, as well demonstrated in recordings and transcriptions; as well as a study of concepts used for improvisation, analysis of harmonic progressions and application of scales and rhythmic interpretation. Emphasis is on oral, written, and performance participation. *Prerequisite: Auditioning and director's approval. Students must also be enrolled in Band.*

COLOR GUARD/WINTER GUARD - Earns 1/2 substitute credit for P.E. in the fall

Color Guard is offered each fall semester and is registered as a Marching Band. The goal of this ensemble is to provide students with the opportunity to support and entertain their peers. The ensemble uses dance and flag techniques to enhance and add to the marching band performances. Auditioning for this ensemble will take place each spring semester. Winter Guard is offered each spring semester and is registered as Symphonic Winds. The ensemble combines several art mediums for exciting and graceful performances. Many of these styles will include ballet, jazz, hip hop, flags, sabres, classical, rock, etc. The Winter Guard will perform at some basketball games and participate in competitions. Members may include the students from the student body, as well as members from the current Color Guard and Band. Auditions for the Winter Guard will take place in the fall semester. *Prerequisite: No musical or dance experience necessary. Audition and director approval required.*

1270 Art I

Grade: 9-12. Credit: 1. Foundation course in the study of the elements and principles of design using primarily a two dimensional format including a study of historical/cultural heritage, evaluation and analysis of works of art and

creative expression. Students will be involved in design, drawing, painting, printmaking and sculpture.

Prerequisite: none

1280 Art II

Grades: 10-12. Credit: 1. A continued study of historical/cultural heritage, evaluation and analysis of art and creative expression. Students will be involved in an enhanced study of design, drawing, painting, printmaking, mixed media, community projects and installations, as well an in-depth study of sculpture. *Prerequisite: Art I*

1290 Art III

Grade: 11-12. Credit: 1. A continued study of artist preference with emphasis on development of individual portfolios and self-directed study. Research of artist and art history are a significant part of this course. *Prerequisite: Art II*

1282 Pre-AP Art

Grade: 10-12. Credit: 1. The visual arts department of Mt. Vernon High School believes that students should be challenged intellectually, conceptually as well as in craftsmanship. Pre-AP Art is an advanced survey of the Elements and Principles of Design, Art Appreciation, and Art History. Students in this class will have taken Art classes before and therefore will be ready for accelerated instruction. Students are expected to have significant interest, skill, and dedication to the Visual Arts in this course. Exploration of various media is emphasized in Pre-AP with effort and understanding being of greatest value. Creativity, skill development, and critical analysis are areas stressed along with emphasizing design elements, seeing and drawing skills, problem solving, and personal expression. This Pre-AP Art course has been developed to give the interested art student the opportunity to explore their artistic journey and prepare them for AP Art. *Prerequisite: Art I and permission from the instructor. Summer work will be assigned.*

1281 AP Studio Art

Grades: 11-12. Credit: 1. The visual arts department of Mt. Vernon High School believes that students should be challenged intellectually, conceptually as well as in craftsmanship. Creativity, skill development, and critical analysis are areas stressed along with emphasizing design elements, seeing and drawing skills, problem solving, and personal expression. This AP course has been developed to give the interested art student the opportunity to create a design or drawing based portfolio. Students will be required to complete three sections including: Concentration, Breadth, and Quality. Through these three sections students will:

- Understand and create a cohesive thematic body of work that shows growth and overall development.
- Master a variety of design techniques, styles, and approaches.
- Refine their use and/or knowledge of the principles of design, composition, craftsmanship, and overall presentation of work.

Prerequisite: Pre-AP Art and permission from the instructor. Summer work will be assigned.

1291 Theatre I

Grades: 9-12. Credit: 1. A course designed to give students an opportunity to gain insight into stage performance; understand the language and direction of staging; to gain an appreciation of drama as an art form; to know and appreciate the history and purpose of drama. These goals shall be achieved through instruction, demonstration, actual state performance, viewing films, reading and attending plays. *Prerequisite: none*

1292 Theatre II

Grades: 10-12. Credit: 1. Essentially the same description as Theatre Arts I, but for the more interested and dedicated student. *Prerequisite: Theatre I*

1293 Theatre III

Grades: 10-12. Credit: 1. Essentially the same description as Theatre Arts I & II, but for the more interested and dedicated student. *Prerequisite: Theatre I and Theatre II*

1296 Theatre IV

Grade: 12. Credit: 1. Essentially the same description as Theatre Arts I, II & III, but for the more interested and dedicated student. *Prerequisite: Theatre I, II and III*

1919 Principles and Elements of Floral Design

Grades: 10-12. Credit: 1. To be prepared for careers in floral design, students need to attain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. ***This course is a Career and Technology course that may be substituted for Fine Art Credit and meets HB 5 Graduation requirements.***

TECHNOLOGY APPLICATIONS

1063 Independent Study in Technology (BCIS 1305) *Dual Credit Requirement for Certified Medical Assistant* Grades: 10-12. Computer terminology, hardware, software, operating systems, and information systems relating to the business environment. The main focus of this course is on business applications of software, applications of software, including word processing, spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet. *Must meet all MVHS and Northeast Texas Community College (NTCC) admission and testing requirements. Tuition for three semester hours must be paid to NTCC. Students finishing the course with a "B" or better may use this course as fulfillment of a Performance Acknowledgement. NTCC College Credit BCIS 1305. Required course for the Certified Medical Assistant Program.*



CAREER AND TECHNICAL EDUCATION (CTE)

AGRICULTURE, FOOD, AND NATURAL RESOURCES

1900 Principles of Agriculture Food and Natural Resources

Grade: 9. Credit: 1. To be prepared for a career in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skill regarding the FFA Organization, History of Agriculture, Agricultural Careers, Parliamentary Procedures, Plant Science, Animal Science and All livestock species.

1914 Small Animal Management

Grades: 10-12. Credit: 0.5. In Small Animal Management, 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. *Prerequisite: Principles of AFNR*

1910 Equine Science

Grades: 10-12. Credit: 0.5. In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules. 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. *Prerequisite: Principles of AFNR*

1906 Advanced Animal Science

Grades: 11-12. Credit: 1. This course examines the interrelatedness 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. *Prerequisites: Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production. Recommended prerequisite: Veterinary Medical Applications. This course counts as a Career and Technology Science credit and meets HB 5 Graduation requirements Dual Credit Opportunity Available 2020*

1914 Livestock Production

Grades: 10-12. Credit: 1. To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats and poultry. *Prerequisite: Principles of AFNR*

1931 Veterinary Medical Applications

Grades: 11-12. Credit: 1. Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems 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 knowledge and skills and technologies in a variety of settings. *Prerequisites: Equine Science, Small Animal Management, or Livestock Production.*

1919 Principles and Elements of Floral Design

Grades: 10-12. Credit: 1. To be prepared for careers in floral design, students need to attain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. ***This course is a Career and Technology course that may be substituted for Fine Art Credit and meets HB 5 Graduation requirements.***

1911 Landscape Design and Management

Grades: 10-12. Credit: 0.5 Landscape Design and Management is designed to develop an understanding of landscape design and management techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems 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 and technologies in a variety of settings.

1920 Turf Grass Management

Grades: 10-12. Credit: 0.5. Turf Grass Management is designed to develop an understanding of turf grass management techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems 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 and technologies in a variety of settings.

1912 Horticulture Science

Grades: 10-12 Credit: 1. Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. **Dual Credit Opportunity Available 2020.**

0905 Greenhouse Operations

Grades: 10-12. Credit 1. Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems 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 and technologies in a variety of settings.

1907 Agricultural Mechanics and Metal Technologies

Grade: 10. Credit: 1. To be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. *This is a prerequisite course for all other Ag Mechanics courses.*

1905 Agricultural Structures Design and Fabrication

Grades: 11-12. Credit: 1-2. To be prepared for careers in mechanized agriculture and technical systems, students attain knowledge and skills related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. *Prerequisite: Agricultural Mechanics and Metal Technologies*

1918 Agricultural Power Systems

Grades: 11-12. Credit: 2. To be prepared for careers in agricultural power, structural, and technical systems, students should attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. This course is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery. *Prerequisite: Agricultural Mechanics and Metal Technologies*

1923 Practicum in Agriculture, Food, and Natural Resources

Grades 11-12. Credit: 2. Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food and natural resources, students must attain academic skills and knowledge, acquire technical knowledge and skills related to 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 and technologies in a variety of settings. **The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster. Recommended prerequisite: a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster. Students shall be awarded two credits for successful completion of this course. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional**

and more advanced knowledge and skills. All practicum students must receive teacher and principal approval.

ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS

1026 Principles of Arts, Audio/Video Technology, and Communications

Grade: 9. Credit: 1. Students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

1032 Audio Video Production I & Lab

Grades: 10-12. Credit: 2. Audio Video Production I focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services. Students in this course will produce school related video programs, and is for students with a sincere interest in pursuing careers in the audio/video and communications production industry. *Prerequisite: Principles of Arts, Audio/Video Technology, and Communications*

1033 Audio Video Production II & Lab

Grades: 11-12. Credit: 2. Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. Requiring a lab corequisite for the course affords necessary time devoted specifically to the production and post-production process.

1034 Practicum in Audio Video Production

Grades: 12. Credit 2. Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instructions may be delivered through lab-based classroom experiences or career preparation opportunities. *Prerequisite: Audio/ Video Production II and teacher recommendation.*

1027 Graphic Design and Illustration I

Grades: 10-12. Credit: 1. Students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. *Prerequisite: Principles of Arts, Audio/Video Technology, and Communications*

Graphic Design and Illustration II

Grades: 11-12. Credit: 1. Students will expand upon ideas and concepts learned in Graphic Design I. Students will apply cyber safety procedures, learn about copyright law, and model professional standards of the industry while applying design choice and art elements and principles to designs and illustrations.

1029 Animation I

Grades: 10-12. Credit: 1. Students will be expected to develop an understanding of the history and techniques of the animation industry. *Prerequisite: Principles of Arts, Audio/Video Technology, and Communications or Art I*

Animation II

Grades: 11-12. Credit: 1. Careers in animation span all aspects of motion graphics. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to create two- and three-dimensional animations. Students will learn pre-production, production, and post-production skills as well as how to professionally communicate with the Arts, Audio/Video Technology, and Communications field. *Prerequisite: Animation I.*

0907 Videogame Design I

Grades: 10-12. Credit: 1. The student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. Topics covered are mathematics, physics, design, and computer programming. *Prerequisite: Principles of Arts, Audio/Video Technology, and Communications*

BUSINESS, MARKETING, AND FINANCE

Sports and Entertainment Marketing

Grades: 9-12. Credit: 0.5. Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies. *Recommended Prerequisite: Principles of Business, Marketing, and Finance*

Fashion Marketing

Grades 9-12. Credit: 0.5. Fashion Marketing is designed to provide students with knowledge of the various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities. *Recommended Prerequisite: Principles of Business, Marketing, and Finance*

1141 Business English

Grades: 12. Credit: 1. Students are expected to plan, draft and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language and the correct use of the conventions and mechanics of written English and produce final, error-free drafts for business reproduction. *Prerequisite: English III This course is a Career and Technology course that also substitutes for English IV credit and meets HB 5 graduation requirements.*

1174/1175 Practicum in Business Management

Grades: 11-12. Credit: 2. Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. **Students shall be awarded two credits for successful completion of this course. A student may repeat this course once for**

credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. Recommended Prerequisites: Touch System Data Entry, Business Management or Business Information Management II. All practicum students must receive teacher and principal approval.

EDUCATION AND TRAINING

2113 Human Growth and Development

For grades 9-12. Credit: 1. The course is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. *Recommended prerequisite: Principles of Education and Training*

2015 Child Development

Grades 9-12. Credit: 1. This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children. *Recommended Prerequisite: Principles of Human Services*

2011 Instructional Practices in Education and Training

Grades: 11-12. Credit: 2. Instructional Practices in Education and Training is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel. *Recommended prerequisites: Principles of Education and Training and Human Growth and Development*

2012 Practicum in Education and Training

Grade: 12. Credit:2. Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary, middle school, and high school-aged students. Students learn to 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, trainers, paraprofessionals, or other educational personnel. **Students shall be awarded two credits for successful completion of this course. Prerequisite: Instructional Practices. Recommended prerequisites: Principles of Education and Training and Human Growth and Development. All practicum students must receive teacher and principal approval.**

HEALTH SCIENCE & MEDICAL CAREERS

2040 Principles of Health Science

Grades: 9-10. Credit: 1. The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry.

2042 Medical Terminology

Grades: 10-12. Credit: 1. This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. *Prerequisite: Principles of Health Science*

2041 Health Science Theory

Grades: 10-12. Credit: 1. The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. *Prerequisites: Principles of Health Science and Biology. Recommended corequisite: Health Science Clinical.*

2045 Health Science Theory / Clinical

Grades: 10-12. Credit: 1. The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. *Prerequisites: Biology and Principles of Health Science. Corequisite: Health Science Theory. This course must be taken concurrently with Health Science Theory and may not be taken as a stand-alone course. Districts are encouraged to offer this course in a consecutive block with Health Science Theory to allow students sufficient time to master the content of both courses.*

2043 Practicum in Health Science

Grades: 11-12. Credit: 2. The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students will have the opportunity to participate in the NTCC Certified Medical Assistant Program and/or earn a certification as a Pharmacy Technician. *Prerequisites: Biology and Health Science Theory.* **The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Health Science Career Cluster. All practicum students must have teacher and principal approval.**

HUMAN SERVICES

2060 Interpersonal Skills

Grades: 10-12. Credit: 0.5. This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. *Recommended Prerequisite: Principles of Human Services, Principles of Health Science, or Principles of Education and Training*

2100 Lifetime Nutrition and Wellness

Grades: 10-12. Credit: 0.5. This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences. *Recommended Prerequisite: Principles of Human Services*

2015 Child Development

Grades: 9-12. Credit: 1. This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students

use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children. *Recommended Prerequisite: Principles of Human Services*

Family and Community Services

Grades: 10-12. Credit: 1. Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics. *Recommended Prerequisite: Principles of Human Services*

0906 Principles of Cosmetology Design and Color Theory

Grade 9. Credit 1. This exploratory course is highly recommended for students who are interested in a career in cosmetology. It also assists students who have an interest, but are unsure this is the career path they wish to follow. Academic skills and knowledge as well as technical knowledge and skills regarding cosmetology design and color theory are taught. *\$25 permit fee is required.*

2025 Introduction to Cosmetology

Grade: 10. Credit: 1. Students explore areas such as bacteriology, sterilization and sanitation, hair styling, manicuring, shampooing, as well as the principles of hair cutting, hair coloring, skin care and facial makeup. Connected to this is the study of careers in the personal care services industry. To be successful in this profession, students should possess skills/aptitudes relative to the industry, as well as academic knowledge and motivation. Students may begin to earn hours toward state licensing requirements. *\$25 permit fee is required.*

2030 Cosmetology I and Lab

Grade: 11. Credit: 3. This course begins preparation for the State Board operator licensure in the field of cosmetology. Instruction includes rules and regulations of the Texas Department of Licensing and Regulation Handbook haircutting, hairstyling, hair coloring, manicures, pedicures, artificial nails, permanent waving, chemical hair relaxing, facials, massage, and anatomy and physiology. This two year program allows students to obtain 500 hours per year, for a total of 1000 hours upon completion of the program. Students may earn accumulative total hours of 1,000. Estimated expense: \$220 required first week of instruction for supplies. Students will not be allowed to work on the clinic floor without the required kit. Tech prep credit may be awarded.

2031 Cosmetology II and Lab

Grade: 12. Credit: 3. This course continues preparation for the State Board operator licensure exam. Students must pass the State Board exam to become a licensed cosmetologist in the state of Texas. Instruction includes rules and regulations of the Texas Department of Licensing and Regulation Handbook haircutting, hairstyling, hair coloring, manicures, pedicures, artificial nails, permanent waving, chemical hair relaxing, facials, massage, anatomy and physiology, salon management and product sales. Student's clientele consists of other students, family, friends, and the general public. To receive credit for this course, the student must have completed all practical applications and be scheduled to take the Texas Department of Licensing and Regulation exam for cosmetologist. Upon passing the state board exams, the student will be a professional licensed cosmetologist in the state of Texas. Estimated expense: \$150. Tech-prep credit may be awarded. *Prerequisite: 500 hours and successful completion of Cosmetology I*

Cosmetology courses could result in a state license if participants meet all state licensure requirements.

2017 Practicum in Human Services

Grades: 11-12. Credit: 2. Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services,

counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster.

Prerequisites: Principles of Human Services and an additional course from the Human Services Career Cluster.

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Human Services Career Cluster. All practicum students must have teacher and principal approval.

CAREER DEVELOPMENT

2020/2021 Diversified Career Preparation I & II

Grade: 11-12. Credit: 2-3 (1 for class, 1 or 2 for work). This course is designed to provide instruction, on-the-job training, and work experience for students preparing to enter employment in any occupation. The student spends 1 hour in class each day and 10-15+ hours each week at their training station. Students must have a job, and be able to provide proof of employment and pay stubs. Students will have site-based visits by their instructor throughout the school year. Students must be able to provide their own transportation to their place of employment.

GENERAL INFORMATION

CLASS RANK/HIGHEST RANKING STUDENT - Class rankings are calculated for the first time at the end of the first semester of the junior year. Final rank in class for the purpose of determining valedictorian, salutatorian and top ten percent is calculated at the end of the fifth six weeks grading period of the senior year. Grades submitted after the fifth six weeks grading period will not be considered for class ranking. Mt. Vernon High School uses a weighted grade average system that is designed to recognize the relative difficulty and effort required for a course. The additional grade point(s) on the grade are used solely for ranking purposes and will not be reflected on the official transcript or Academic Achievement Record.

The class rank will be determined by the highest average of grade value points. Class rank will be determined by the highest grade point average and is weighted. That is, the student in each class with the highest grade point average will rank first in the class; the student with the second highest number will rank second, and so on in descending order. The grade point average for seniors, their class ranks, and their 4-point average will be computed each semester with a final rank being figured after the fifth six weeks. (Also see Board Policy-EIC Local at www.mtvernonisd.net)

The Valedictorian and Salutatorian shall be determined by the total grade point average, based on all four years of high school, provided the students have been enrolled on a full-time basis their entire junior and senior years at Mt. Vernon High School. The Grade Point System referred to here is explained in detail in the student handbook. (See Board Policy –EIC Local at www.mtvernonisd.net)

In order for a student to be eligible for valedictorian or salutatorian, he/she must have attended his/her entire junior and senior years in Mt. Vernon High School and completed the Foundation with an Endorsement Plan in accordance with the Texas State Board of Education guidelines. **Early graduates or “3 year graduates” are not eligible to be Valedictorian/Salutatorian; however, they will be figured into overall class rank. A student must not have graduated in fewer than three or more than four years. In the event of a tie between the candidates for Valedictorian and Salutatorian, the following process will be used:**

1. Computing the weighted grade average to a sufficient number of decimal places until the tie is broken.
2. However, if a tie still remains, the highest numerical average of all level IV courses taken shall be used.

To qualify for the valedictorian/salutatorian speech (at commencement), a student shall not have engaged in serious misconduct according to the code of conduct. Including removal to DAEP, a three day suspension (out of school) or expulsion during his or her last two semesters.

Top Ten Percent Graduates will be determined by the total **grade point average** earned based on all four years of high school.

The courses shown on the preceding page list grade point levels according to the grade value point system on the charts. Courses were appointed a level after considering many factors, including the level of

difficulty and the amount of out-of-class time required for homework. The level is used to assign grade value points according to the grade earned in class.

Any transferable courses, which are not listed on the grade point system, will be transferred as Level II and counted accordingly. Courses not offered at Mt. Vernon High School will be recorded as Level II in calculating grade point averages. Any student taking college courses for substitution, credit recovery, or credit by exam will receive grade value points at Level II of the MVHS grade value system.

For class rank, the following alpha to numeric grade conversion scale will apply to students transferring in from another school district with alpha grades, beginning with the 2018-2019 school year.

A+ 99
A 95
A- 91
B+ 88
B 85
B- 81
C+ 78
C 75
C- 71
D+ 68
D 65
D- 61
F 59

Courses taken in Junior High, for High School credit, will not be included in the student's final GPA, weighted or unweighted, and the students' final class ranking. Summer school for high school credit is not a part of the ranking.

For two school years following his or her graduation, a district student who graduates in the top ten percent of his or her class is eligible for automatic admission into four-year public universities and colleges in Texas if the student:

- Completes the Foundation with an Endorsement Plan (HB 5); or
- Satisfies the ACT College Readiness Benchmarks or earns a minimum score of 480 on the Evidenced-Based Reading and Writing (EBRW) test and a minimum score of 530 on the mathematics test (no combined score) if the SAT was administered on or after March 5, 2016. (“Top 10%.” www.collegeforalltexas.com. 2018)

The University of Texas at Austin may limit the number of students automatically admitted to 75 percent of the University's enrollment capacity for incoming resident freshmen.

Students and parents should contact the counselor for further information about the application process and deadlines. **[For further information, see policies at EIC.]**

GPA – 4 POINT AVERAGE – GPA. is unweighted and is determined by assigning 4 points to each A, 3 points to each B, 2 points to each C, and average the total points by the number of courses.

COURSES TAKEN OFF CAMPUS- Must have permission from the counselor and/or principal. Certain forms must be completed and deadlines met. See the Student Handbook and/or the counselor for permission letters for college courses, credit by exam, and correspondence work.

TEXAS STATE GRADUATION REQUIREMENTS CHARTS - The attached charts should be carefully read by students and parents for planning purposes and to ensure that all required credits are earned. These charts are taken from the Texas Education Agency website and are comprehensive for all accepted courses for Texas public schools; therefore, some courses will be listed that are not offered at Mount Vernon High School. It is the responsibility of the student and parent to make sure they are taking all required courses for graduation and on track for their particular graduation plan. Contact a counselor with any questions.

Students using AP exams their senior year to count as a Performance Acknowledgement will test in May. AP does not release test scores until July; therefore, graduating seniors pursuing the Foundation with an endorsement plan will be listed as Performance Acknowledgement candidates until the AP scores have been received. Once AP scores are received, a senior’s transcript will show that they have received a Performance Acknowledgement.

Courses	Foundation High School Plan (22 credits)	Foundation + Endorsement Plan (26 credits)	Distinguished Level of Achievement (26 credits)
English	4 credits	4 credits	4 credits
Math	3 credits	4 credits	4 credits (must include Algebra II)
Science	3 credits	4 credits	4 credits
Social Studies	3 credits	3 credits	3 credits
Foreign Language	2 credits	2 credits	2 credits
Physical Education	1 credit	1 credit	1 credit
Fine Arts	1 credit	1 credit	1 credit
Speech	Demonstrate Proficiency	Demonstrate Proficiency	Demonstrate Proficiency
Electives	5 electives	7 electives	7 electives

GRADE POINT SYSTEM (2019-2020)

Students entering 9th grade in 2014-2015 and thereafter

<u>Numerical Grade</u>	<u>Level I</u>	<u>Level II</u>	<u>Level III</u>	<u>Level IV</u>
100	3.0	4.0	5.0	6.0
99	2.9	3.9	4.9	5.9
98	2.8	3.8	4.8	5.8
97	2.7	3.7	4.7	5.7
96	2.6	3.6	4.6	5.6
95	2.5	3.5	4.5	5.5
94	2.4	3.4	4.4	5.4
93	2.3	3.3	4.3	5.3
92	2.2	3.2	4.2	5.2
91	2.1	3.1	4.1	5.1
90	2.0	3.0	4.0	5.0
89	1.9	2.9	3.9	4.9
88	1.8	2.8	3.8	4.8
87	1.7	2.7	3.7	4.7
86	1.6	2.6	3.6	4.6
85	1.5	2.5	3.5	4.5
84	1.4	2.4	3.4	4.4
83	1.3	2.3	3.3	4.3
82	1.2	2.2	3.2	4.2
81	1.1	2.1	3.1	4.1
80	1.0	2.0	3.0	4.0
79	.9	1.9	2.9	3.9
78	.8	1.8	2.8	3.8
77	.7	1.7	2.7	3.7
76	.6	1.6	2.6	3.6
75	.5	1.5	2.5	3.5
74	.4	1.4	2.4	3.4
73	.3	1.3	2.3	3.3
72	.2	1.2	2.2	3.2
71	.1	1.1	2.1	3.1
70	.0	1.0	2.0	3.0

Level I	Level II (Continued)	Level II (Continued)	Level III	Level IV
Modified Courses	Business English	Jazz Band I, II, III, IV	English I & II Pre-AP	English III AP/Honors
Level II	Algebra I & II	Diversified Career Prep I & II	Algebra II Pre-AP	English IV Dual Credit
Prin. of AFNR	Geometry	PE/Athletics	Biology Pre-AP	Trig./Pre-Cal Pre-AP/Dual Credit
Equine Science/Small Animal Production	Financial Math	Principles of Color, Theory, and Design	Chemistry Pre-AP	Calculus AP
Livestock Production	College Prep Math	Intro to Cosmetology	Anatomy & Physiology	Independent Study Math-College Algebra/Statistics Dual Credit
Wildlife Management	Biology	Cosmetology I & II	Astronomy	US History Dual Credit
Vet Med. Applications	Chemistry	Prin. of Health Science	Adv. Animal Science	US Govt. Dual Credit
Horticulture Science	Prin. of Technology	Medical Terminology	Art Pre-AP	Macroeconomics DC
Landscape Design/Turf Mgmt.	Integrated Physics and Chemistry	Health Sci. Theory/Health Science Clinical	Engineering Design and Problem Solving	Texas Govt. Dual Credit
Greenhouse Operations	World Geography	Prin. of Education and Training		Art AP-2D Design
Floral Design	World History	Instructional Practices in Education		Communication Applications Dual Credit
Ag. Mechanics & Metal Technologies	US History	BIM I & II		Ind. Study in Technology-BCIS Dual Credit
Ag. Fabrication Design	Government/Economics	Prin. of Human Services		CMA Dual Credit
Ag. Power Systems	Sociology	Human Growth & Development		Any other Advanced Placement Course
Prin. Arts, Audio, Video Technologies & Comm.	Psychology	Child Development		Animal Science Dual Credit
Graphic Design I/II	Old Testament/New Testament Studies	Family and Community Services		Horticulture Science Dual Credit
Animation I/II	Art I, II, III	Interpersonal Skills/ Nutrition & Wellness		
Videogame Design	Sports and Entertainment Marketing/Fashion Marketing	Substituted College Courses		
English I, II, III, IV	Spanish I, II, III	Practicum Courses		
College Prep English	Band I, II, III, IV			

CTE Programs of Study-MVHS 2020-2021 and Beyond

ENDORSEMENT: BUSINESS AND INDUSTRY

Agriculture, Food, and Natural Resources

Animal Science

9th-Principles of AFNR
10th-Equine Science/Small Animal Management
11th-Livestock Production
12th-Advanced Animal Science* and/or
Vet Medical Applications and/or Practicum in AFNR

***-Dual Credit Options Available for Horticulture and Animal Science**

Plant Science

9th-Principles of AFNR
10th-Greenhouse Operations
11th-Horticulture Science *or Floral Design
12th-Practicum in AFNR

Applied Agricultural Engineering

9th-Principles of AFNR
10th-Ag. Mechanics and Metal Tech.
11th-Ag Structures Design
12th-Ag. Power Systems and/or
Practicum in AFNR

CERTIFICATIONS: Texas Beef Quality Assurance; Floral Design Certification I & II; American Welding Society SENSE Certification; Vet Assistant

ENDORSEMENT: BUSINESS AND INDUSTRY

Arts, Audio Video Technology , and Communications

Design and Multimedia Arts

9th-Prin. of Arts, A/V Technology and Communication
Communication
10th-Graphic Design I/ Animation I
11th-Graphic Design II/Animation II
12th-Career Preparation I

Digital Communications

9th- Prin. of Arts, A/V Technology and
10th-Audio/Video Production/Lab I
11th-Audio/Video Production /Lab II
12th-Practicum in Audio Video Production

CERTIFICATION: ADOBE Certification Associate-Photoshop

ENDORSEMENT: BUSINESS AND INDUSTRY

Business, Marketing, and Finance

Marketing and Sales

- 7th or 8th-Prin. of Business, Marketing, & Fin.
- 9th-Sports and Entertainment Marketing/Fashion Marketing
- 10th-Virtual Business & Social Media Marketing
- 12th-Career Preparation I or Practicum in Business Management

ENDORSEMENT: PUBLIC SERVICE

Education and Training

Teaching and Training

- 9th-Human Growth and Development
- 10th-Child Development
- 11th-Instructional Practices
- 12th-Practicum in Education or Career Preparation I

CERTIFICATION: Educational Aide Certification

ENDORSEMENT: PUBLIC SERVICE

Human Services

Family and Community Services

- 9th-Human Growth and Development
- 10th-Lifetime Nutrition and Wellness/Interpersonal Studies or Child. Development
- 11th-Family and Community Service
- 12th-Practicum in Human Services or Career Preparation I

CERTIFICATION: Child Development Associate; Serve Safe (Food Handler's License)

ENDORSEMENT: PUBLIC SERVICE

Health Science

Healthcare Diagnostics

9th-Principles of Health Science
10th-Medical Terminology
11th- Health Science Theory/Clinical
12th-Anatomy and Physiology and/or
Practicum in Health Science *

***Dual Credit Options Available**

Healthcare Therapeutic

9th-Principles of Health Science
10th-Medical Terminology
11th-Anatomy and Physiology and/or Health
Science Theory/Clinical
12th-Practicum in Health Science *

CERTIFICATION: Certified Nurses Assistant; Certified Medical Assistant; Certified Coding Associate; Pharmacy Technician

ENDORSEMENT: PUBLIC SERVICE

Cosmetology

Cosmetology

9th-Principles of Color Theory and Design
10th-Introduction to Cosmetology
11th-Cosmetology I / Lab
12th-Cosmetology II / Lab

CERTIFICATION: Upon passing the state board exams, the student will be a professional licensed cosmetologist in the state of Texas.

NON-CAREER AND TECHNOLOGY EDUCATION ENDORSEMENTS

ENDORSEMENT: ARTS AND HUMANITIES

Art

9th-Art I
10th-Art II
11th-Art III or Pre-AP Art
12th-Pre-AP Art or AP Art

Theatre

9th-Theatre I
10th-Theatre II
11th-Theatre III
12th-Theatre IV

Band

9th-Band I
10th-Band II
11th-Band III
12th-Band IV

Jazz Band

9th-Jazz Band I
10th-Jazz Band II
11th-Jazz Band III
12th- Jazz Band IV

To receive an Art and Humanities Endorsement students must take four consecutive levels of the same course, or a combination of two levels of two fine arts courses.

ENDORSEMENT: STEM

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)

Math (Students that took 8th grade Algebra I)

8th-Algebra I
9th-Geometry
10th-Algebra II or Pre-AP Algebra II
11th-Advanced Math Course
12th-Advanced Math Course

Math

9th-Algebra I
10th-Geometry
11th-Algebra II or Pre-AP Algebra II
12th-2 Advanced Math Courses

Students wishing to take two math courses in the same year, must seek approval from the math department. Many advanced math courses require that students pass the Math TSI in order to take dual credit courses

Science

9th-Biology or Biology Pre-AP
10th-Chemistry or Chemistry Pre-AP
11th-Principles of Technology (Physics)
12th-2 Advanced Science Courses

