

Teays Valley High School Course and Career Planning Handbook



Robert Griffith, Teays Valley High School Principal

Patti Burgett, Teays Valley High School Asst. Principal

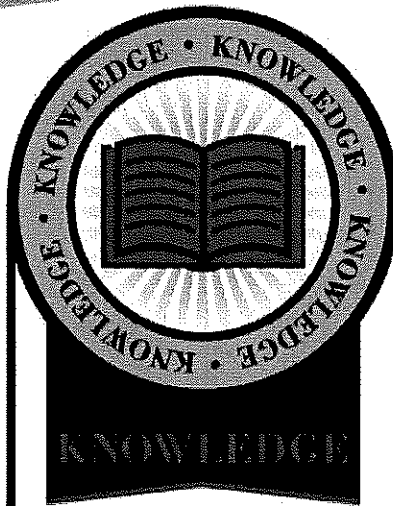
Jeff Hurt, Teays Valley High School Asst. Principal

Andrew Ling, Teays Valley High Asst. Principal

Table of Contents

Profile of a Graduate	2
Graduation Requirements	3
State Required Exams	4
State System of Diploma Seals	5
Grade Promotion	6
Academic Distinctions	6
Grading Policy and Scale	8
Ohio High School Athletic Eligibility	10
NCAA College Freshman Eligibility	10
Schedule Guidelines	10
Fine Arts Credit	11
College Credit Plus	11
Credit Flexibility	12
Teays Valley Digital Academy	12
Career Pathway Programs	13
Eastland-Fairfield Career Center	13
English Composition & Literature	14
History & Social Sciences	18
Science	22
Mathematics	28
World Languages	32
Business/Computer Science	34
Visual Arts	37
Performing Arts	41
Health & Physical Education	44
College Credit Plus Courses	45
Agricultural Pathway	49
Engineering Pathway	50
Biomedical Pathway	51
Global Scholars Program	53
Career Based Intervention Program	54
Course Fees	55
Teays Valley Digital Academy Courses	56

PROFILE OF A TEAYS VALLEY GRADUATE



A Teays Valley graduate is:

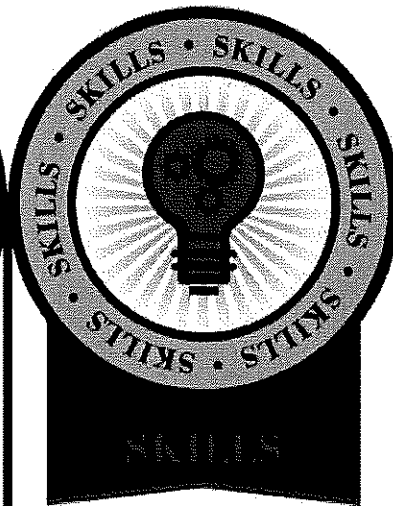
Prepared for success
in college, the military
and/or work

•
Proficient in
core academic areas

•
Prepared for
responsible citizenship

•
A global citizen

•
Financially literate



A Teays Valley graduate can:

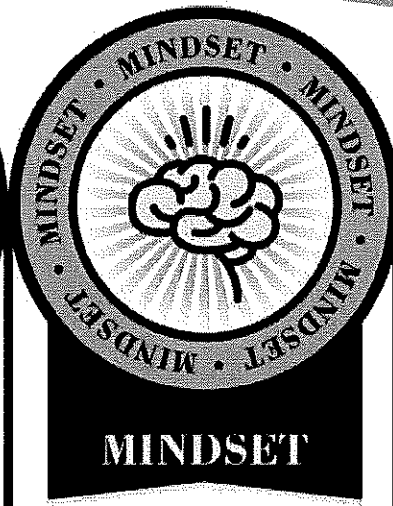
Reason, think and figure out how
to approach problems they've
never learned how to solve

•
Manage time and work toward
goals

•
Demonstrate literacy and
communicate and collaborate
effectively

•
Identify problems, ask questions
and seek practical, innovative
solutions

•
Use digital tools to construct
knowledge and disseminate
information



A Teays Valley graduate will:

Be life-long
learners and leaders

•
Show empathy

•
Take initiative
and be present

•
Be an engaged
and active thinker

•
Be self-directed
and resourceful



Teays Valley Local Schools
385 Viking Way • Ashville, OH 43103
P: 740.983.5000 • F: 740.983.4158 • www.tvlsd.us

Graduation Course Requirements

Course requirements for earning a Teays Valley High School diploma and meeting the standards as established by the State of Ohio and the Board of Education of Teays Valley Local Schools are as follows:

Subject Area	Credits Required	Additional Notes
English	4 credits	
Mathematics	4 credits	Must include 1 credit of Algebra II or equivalent.
Science	3 credits	Must include 1 credit Physical Science, 1 credit of Life Science and 1 additional science credit.
Social Studies	3 credits	Must include 1 credit of World History, 1 credit of American History and 1 credit of American Government.
Fine Arts	1 credit	<p>Fine art credit options are denoted in the handbook.</p> <p>*Students attending Eastland or Fairfield Career Center will have this requirement waived; however, if the student is planning on attending a four-year college after graduation the student is highly encouraged to complete the fine art requirement to meet college admissions criteria.</p>
Financial Literacy	$\frac{1}{2}$ credit	Students will complete the financial literacy course their 11th grade year.
Physical Education	$\frac{1}{2}$ credit	<p>All students must earn $\frac{1}{2}$ of a physical education credit. Each semester of physical education is worth $\frac{1}{4}$ credit.</p> <p>Please note that this requirement is waived for students who participate in two seasons of a high school sport, show choir or band.</p>
Health	$\frac{1}{2}$ credit	
Electives	4 $\frac{1}{2}$ credits	<p>Students who are planning on attending college are required to take a minimum of 2 credits of world language.</p> <p>Elective units can include world language, pathway courses, all other courses or a student may take additional English, Math, Social Studies or Science courses above the required and this will count as elective credit.</p>
	21 course credits needed for graduation	

Graduation Requirements and State Required Exams

In addition to satisfying the required coursework, students must earn proficiency scores on state exams in the areas of Algebra I (684) and English II (684) **and** earn two diploma seals, one of which must be state defined. If a student does not meet competency requirements by earning the 684 in Algebra I and English II, competency will need to be proven through an alternative measure. Please see your school counselor or an administrator for more information.

Students must also complete a graduation pathway plan with the signature of a parent or guardian to show progress and goals each year of how the student will earn their high school diploma. Graduation plan forms are provided during the scheduling process and must be completed before scheduling requests can be processed.

State and Local Seal Requirements

**Each student must earn a minimum of one state seal. Detailed information regarding each seal can be found on the department of education for the state of Ohio website or speak with your school counselor.*

Ohio Means Jobs Readiness Seal-Demonstrate proficiency in 15 identified professional skills. Must have a minimum of 3 mentors involved in the validation process.

State Seal of Biliteracy-student within 15 months of graduating. Earned proficient in ELA 1 or 2 EOC exam and passed an AP world language exam with a 4 or higher.

Industry Credential Seal- Earn a 12 pt approved industry credential or group of credentials totaling 12 pts in single career.

College Ready Seal-Earn remediation free scores on ACT (Eng 18, Math 22) or SAT (Read 480, Math 530).

Military Enlistment Seal-provide evidence that you have enlisted in a branch of the US Armed Forces.

Citizenship Seal-Earn proficient in US History & Gov't End of Course exams (score of 3 or higher), B- or above average in US History and Government, equivalent to proficient score on AP exam or "B" or higher in appropriate CCP course.

Science Seal-Earn proficient in Biology End of Course exam (score a 3 or higher), B- or higher in an advanced science course, equivalent to proficient score on AP exam, or "B" or higher in appropriate CCP course.

Honors Diploma Seal-Earn one of six Honors Diplomas.

Technology Seal-equivalent to proficient score on AP exam, or "B" or higher in appropriate CCP course, or complete a course at school that meets guidelines.

Locally Defined Seals

*Each student may earn one local seal; the other required seal must meet one of the state seal requirements.

Community Service Seal

To earn an Ohio Community Service Seal, a student will need to spend approximately 40 hours completing a project that will benefit a local or school community. The student must also complete the following action steps in this specific order:

- ☐ Complete a written description of the proposed work or community service experience.
- ☐ Make a list of goals or benefits that will be accomplished because of the project.
- ☐ Provide a list of 3 duties and responsibilities you will be doing to complete this project.
- ☐ Provide a timeline or plan for completing the experience that the school will periodically monitor.
- ☐ Have a form completed with a signature of an advisor from the school and the signature of a community service supervisor who will oversee and support you in your duties.
- ☐ Complete three reflection summaries of the community service project, periodically .
- ☐ The school supervisor will evaluate and verify your community service project at completion to make sure you met the conditions and achieved the outcomes needed to meet this part of your graduation requirements.

Note: The School Counselor can provide the student with a toolkit that will be helpful in planning this project.

Student Engagement Seal- To earn Student Engagement Seal, a student will need to complete two of the following options:

- ☐ Complete two seasons of any sport that is available at TVHS.
- ☐ Complete two seasons of Instrumental Band.
- ☐ Complete two seasons of a competition show choir. (Prominent Rendition or Glamorous Edition.)
- ☐ Complete two competitive seasons of a travel sport or other activity that is competition based.
- ☐ Complete 20 hours of involvement in a TVHS Club or TVHS Organization. (Including but not limited to: Student council, Student Government, FOR Club, Chess Club, Book Club, Key Club, Foreign Language Club, etc.)
- ☐ Complete 20 hours of activities in a locally defined community club.
- ☐ Complete 20 hours providing tutoring for a student.
- ☐ Complete 20 hours working on a specific project that would improve the school environment.
- ☐ Complete 20 hours working on one or more projects that enhances the school building, improves the environment and/or student access.

In addition to completing two of the above options, students must submit and have their projects approved by a school advisor, complete a timesheet with signatures of the supervisor from each activity and submit a reflection narrative regarding their participation.

Fine and Performing Arts Seal-To earn a Fine & Performing Arts Seal, a student will need to complete/earn two of the following activities:

- ☐ Earn 2 credits of fine arts for graduation.
- ☐ Earn 3 semester hours of credit in a CCP Fine Arts course.
- ☐ Participate in 2 local performances. This may include but not limited to: theatre performances, musical performances, instrumental performances.
- ☐ Participate in 4 competitive fine art events. This may include but not limited to: show choir competitions, band competitions, art/drawing competitions, etc.
- ☐ Complete and display artistic work in a local venue or art festival.
- ☐ Complete a two-page research paper on one of the two topics, "The Importance of Teaching Fine Arts in Education" or "The Impact the Fine Arts have had in our society the past five years".

In addition to completing two of the above activities, the student must complete and provide a timeline/log of activities and have a supervisor of the activity provide a signature next to the activity.

Grade Promotion

Students will be promoted to the next grade level regardless of credits earned. This system is used to help staff and students stay on track for meeting their graduation requirements in four years. A student must have met all graduation requirements to earn a diploma their senior year. If a student does not meet all of their graduation requirements at the end of four years, they are designated as a fifth year student.

Academic Distinction

Awards for academic achievements and distinctions are based on the GPA to the tenth decimal. GPA's are not rounded up but are as stands.

Scholarly Recognition

Students maintaining a 3.5 GPA or higher will earn an academic excellence patch through Teays Valley High School. Students will receive only one patch over the course of four years.

Student Athletes maintaining a 3.5 GPA or higher and earning a varsity letter per sport will receive MSL Academic All-League Honors.

Honor Roll

Students with a 3.0 GPA for the 9-week grading period will be placed on the scholastic honor roll.

4-Year Honor Roll

A student earning honor roll each year will receive a 4 Year Honor Roll medal at commencement.

Straight A Award

Any student receiving straight A's (including A-) will be awarded a medal at the beginning of their following school year. Any student earning straight A's all four years will earn an All A's medal at commencement.

Valedictorian

Valedictorian will be determined by the final average at the end of the seventh semester during the senior year. Any student earning a 4.6 GPA at the conclusion of the 7th semester will be awarded the distinction of Valedictorian.

Magna Cum Laude, Summa Cum Laude, Cum Laude

Students will be credentialed for this academic award after the 7th semester of their senior year.

Students will be honored at commencement based on the following cumulative GPA scale:

Summa Cum Laude: 4.00 GPA and above

· Magna Cum Laude: 3.75 to 3.999

Cum Laude: 3.50 to 3.74

NATIONAL HONOR SOCIETY

National Honor Society membership is an honor awarded to students who show strengths in leadership, scholarship, character, and service. Letters are sent out to eligible juniors and seniors in October and the timeline for the application process is posted on the Teays Valley NHS twitter account @teaysvalleynhs. The deadlines are posted on the Twitter account and in the letters accompanying the application must be followed. Failure to meet the deadlines will result in the application not being considered. A Faculty Council of 5 members evaluates every application and ALL applicants will be notified if they are granted or denied acceptance into the Teays Valley Chapter of NHS.

Minimum requirements include:

- 3.5 overall GPA
- 20 hours of community service from freshmen year to present

Other potential factors in their decision may include:

- discipline issues (resulting in a denial based on character)
- lack of leadership (students should explain how they are leaders, regardless of title)

The chapter advisor has no vote on who is and is not accepted into the NHS. Therefore, students should work with the advisor if they have questions. The advisor is their advocate before the Faculty Council. It is highly recommended that students attend an informational meeting prior to the application process beginning.

Academic Grading Policies and Scales

Teays Valley High School has a standard grading procedure, as well as additional notations that may indicate work in progress or incomplete work. The purpose of a grade is to indicate the extent to which the student has acquired learning. In general, students are assigned grades based upon test results, homework, projects and classroom participation. Each teacher may place a different emphasis on these areas in determining a grade and will inform the students at the beginning of the course. If a student is not sure how grades will be determined, he/she should ask the teacher.

A student's academic progress is available to students and parents 24/7 through the online program schoology.com. If you need assistance with access to this information, please contact your school counselor.

GRADING SCALE

Percent	Letter Grade	GPA Scale
93-100	A	4.0
90-92	A-	3.7
87-89	B+	3.3
83-86	B	3.0
80-82	B-	2.7
77-79	C+	2.3
73-76	C	2.0
70-72	C-	1.7
67-69	D+	1.3
63-66	D	1.0
60-62	D-	0.7
0-59	F	.00

Earning 0.5 credit

Students earn 0.5 credit for a course each semester with the exceptions of 0.25 for PE and 0.625 for Ag courses. Credit is awarded by earning a passing grade for the semester average. If a student earns an F one quarter, they must earn a D or higher the other quarter in order to earn credit that semester.

Note: If a student does not earn credit for a semester, the semester must be repeated through Teays Valley Digital Academy.

Examples of earning credit are provided below.

1st Quarter	2nd Quarter	Seester Avg	Credit Earned
A	C	B	.5 credit
D-	D-	D-	.5 credit
F	D	D-	.5 credit
F	D-	F	0 credit

1st Quarter	2nd Quarter	1st Semester	3rd Quarter	4th Quarter	2nd Semester	Credit	Action
A	C	B	D	F	D-	1	NONE
A	C	B	D-	F	F	.5	Retake 2nd semester through TVDA
F	D-	F	A	C	B	.5	Retake 1st semester through TVDA

Withdrawal Procedures for Honors/AP Courses

The student may request to transfer to the appropriate regular class to complete his/her requirement upon consultation with the school counselor and parent approval. It is important to remember that any grade earned in the current course will transfer to the new course. In addition, a student earning a grade lower than a "C" on any quarterly grading report shall automatically cause the student to be placed on probation. If the student receives a grade lower than a "C" on the subsequent quarterly grade report, the student will be removed from the Honors/AP course and placed in a regular class. Probationary status carries over from one year to the next. Schedule changes must be completed by the end of the 1st semester.

Withdrawal Procedures/Dropping a Course

School staffing is determined by the amount of students who select courses in the spring for the following school year. Course selection is very important and students and parents are required to think seriously about course selections and making a commitment to complete the courses they have requested. In a rare situation, a student may need to drop a course. Students who need to drop a course may do so without penalty the first four weeks of the course. The student must complete a drop form with parent signature and the student and parent are responsible for understanding that dropping a course may impact graduation eligibility. A course dropped after the first four weeks will result in a student receiving the grade of a "WF" which impacts GPA and class rank.

Commencement

It is a privilege, not a right, to participate in commencement exercises. Seniors must meet all local and state curriculum requirements which include state mandated tests in order to participate in the commencement exercise. Additionally, seniors must have paid all fees, fines, and charges, and served all disciplinary assignments before s/he can participate in the commencement exercise.

TVHS & Ohio High School Athletic Eligibility

OHSAA—In order to be eligible in grades 9-12, a student must be currently enrolled and must have been enrolled in school the immediately preceding grading period. During the preceding grading period, the student must have received passing grades in a minimum of five classes or the equivalent, excluding P.E., each of which count toward graduation.

TVHS student performance will be monitored during each grading period. The grade used at the end of the grading period will be the student's nine-week grade. The student must have a 1.5 grade point average (GPA) and no more than one grade of 'F' to be eligible to participate in extracurricular activities. A student receiving two or more 'F's' will be ineligible regardless of GPA.

*Both OHSAA and TVHS eligibility requirements must be met in order to be eligible to participate in athletics.

NCAA/NAIA Academic Eligibility

Student-athletes wishing to participate in collegiate athletics as college freshmen need to register with the NCAA or NAIA Eligibility Center at www.eligibilitycenter.org or www.playnaia.org.

Student-athletes must meet GPA, standardized test scores (ACT/SAT), and core course requirements to be eligible for collegiate athletics. For further information and questions regarding eligibility, please check the NCAA Eligibility Center web page above or contact your counselor.

Scheduling Guidelines

- ☐ All students **must schedule at least five units of credit**. (Six or seven units of credit are highly recommended.)
- ☐ Student athletes must schedule at least five full periods per semester, excluding Physical Education.
- ☐ A student is not permitted to schedule any course which he/she has already passed. TVLSD does not allow a student to retake a course for grade improvement.
- ☐ After the school year starts, schedules will **not** be changed unless unusual circumstances prevail. Students are urged to choose courses thoughtfully and to confer with parents, teachers, and guidance counselors about the most beneficial courses to take.
- ☐ Students who drop a course after the first four weeks of class may receive a "WF" (Withdraw Fail) which calculates into the GPA.
- ☐ Students may not drop any course that is required for graduation without his/her school counselor obtaining a parent's permission.

- ☐ Students are encouraged to meet with current and previous teachers to consult about academic class selections.
- ☐ A content specific teacher signature is required for placement in Advanced, Honors, AP and other courses that are tiered. Ex. Spanish II or Spanish III.

Fine Arts Credit

The following courses will fulfill or partially fulfill the fine art requirement. Each student must earn one full credit of fine art to meet graduation requirements.

Men's or Women's Chorus (.5)	Art Appreciation 1 & 2 (.5)
Symphonic Choir (1.0)	Art Foundations 1 & 2 (.5)
Prominent Rendition (1.0)	Digital Art & Drawing 1 & 2 (.50)
Glamorous Edition (1.0)	Drawing & Painting 1 & 2 (.5)
Instrumental Music (.5)	Ceramics & Sculpture 1 & 2 (.5)
Concert Band (.5)	Mixed Media & Sculpture (1.0)
Wind Ensemble (.5)	Advanced Art & Design 1 & 2 (1.0)
Jazz Ensemble (1.0)	Photo Design & Layout (1.0)
Color Guard (.5)	8th Grade Band or Choir (1.0)
History of American Music (1.0)	8th Grade Art (.5)

Honors & Advanced Placement Courses

Honors and Advanced placement courses are for academically enhanced students who plan on attending college upon graduation from high school or wish to challenge themselves academically. These accelerated courses, structured on the College Board Advanced Placement model, challenge highly motivated and talented students to progress to the fullest extent of their capability. Students enrolled in the AP courses are offered college-level instruction and are required to take the AP test in order to earn the possibility of college credit for their acquired skills. By special arrangements, students may take AP tests in subjects in which they are not enrolled, although this is not recommended. Students should be very sensitive to the demands of the Honors and AP courses. Reading and study expectations for the classes are extensive. Students will be involved in college-level activities, particularly in the areas of writing skills and test-taking. AP courses place a high degree of emphasis on the student's own motivation, study skills and the ability to self-direct his or her own learning. Students and parents should be advised that literature in the AP English courses parallel college reading selection in difficulty and adult content. Students who successfully complete an Honors or AP course will have .05 points added per class onto their cumulative GPA at the conclusion of the school year. Teacher permission and prerequisites are required for enrollment in Honors & AP courses.

College Credit Plus

College Credit Plus (CCP) is a program that provides eligible students in grades 7-12 an opportunity to be enrolled in both district and college/university coursework at the same time. CCP courses receive .05 points added to the cumulative GPA only if the course subject receives a .05 weight at TVHS.

- ☐ Students must meet the admission requirements set forth by the college/university. Teays Valley Local Schools will pay all tuition, textbook, and fee costs if the student passes the course and earns credit.
- ☐ Students eligible for CCP must be academically ready for college-level courses and be willing to follow the procedures outlined by the college/university while still in high school. TVHS has partnered with Ohio Christian University & Columbus State Community College (CSCC) to offer courses at TVHS. Offering CCP courses at the high school campus is dependent upon enrollment and availability of instructors.
- ☐ Students are not limited to taking CCP courses at TVHS. Students may also enroll in any public or private participating CCP college and take courses on the college campus and/or online.
- ☐ There are multiple CCP pathways to assist students in earning their college credit towards a specific degree or to meet general education requirements towards their certification, associate or bachelor's degree. Students are encouraged to review pathway options.
- ☐ The viewing of an informational session is required for each new student and their parent/guardian. Each year, a student must complete required forms to participate in the CCP program and meet eligibility requirements of the college. Please ask the CCP Coordinator for additional information or visit the guidance website.

Credit Flexibility

As a result of Senate Bill 311, Credit Flexibility is an opportunity for students to create unique learning experiences. Credit Flexibility allows students to demonstrate their understanding and skills according to their individual learning styles and experiences. All high school students have the opportunity to submit an application for Credit Flexibility.

Two Credit Flexibility options:

- ☐ Credit by Subject Area Competency through Assessments (Test Out)

The requirements of Credit by Subject Area Competency through Assessment vary from course to course. Most courses will require at least two components to earn credit.

- ☐ Credit by Educational Option

Credit Flexibility by Educational Option consists of a student developing his/her own proposal describing in great detail how they will demonstrate proficiency of the academic content standards/grade level indicators of the identified course.

*Applications for credit flexibility can be obtained through your school counselor.

Teays Valley Digital Academy

TVDA is an alternative educational option utilizing online curriculum and local staff support for students seeking a non-traditional learning experience. TVDA can be utilized for credit recovery, educational advancement or other extenuating circumstances. Please contact your counselor or Josh McDanel for additional information.

Josh McDanel: 740.983.5002 or jmcdanel@tvdsd.us

Career Pathways

Career Pathway courses provide students with skills to make them employable or transition them to additional education opportunities. Career Pathway courses are designed to allow students to develop high-demand career skills, save time and money after high school or just explore an area of interest. Teays Valley High School offers five career pathway options for students:

- ☐ Agricultural
- ☐ Biomedical
- ☐ Engineering

The pathways are designed with 4 year-long courses. Students may take one each year of their high school career or multiple courses if they want to complete a pathway in three years or less. Course descriptions for the specific courses and requirements can be found in the back of this guide. Courses may also be taken as single electives if there are no prerequisites.

Eastland-Fairfield Career Center

Eastland-Fairfield Career & Technical Schools serves 16 school districts in Franklin, Fairfield, and Pickaway counties. The district has two main campuses-Eastland Career Center in Groveport and Fairfield Career Center in Carroll, with satellite locations at six of its associate high schools: Gahanna Lincoln, Groveport Madison, New Albany, Pickerington North, Canal Winchester and Reynoldsburg. Eastland-Fairfield Career & Technical Schools strives to offer high-tech, in-demand programs in order to better position students for a successful future. The District offers over 35 high school programs designed for students in their junior and senior year. In addition to traditional career and technical programs, such as Auto Technology, Welding, and Cosmetology, Eastland-Fairfield offers many programs designed specifically for students who intend to continue their education at a college or university. Currently, over 57% of Eastland-Fairfield students continue their education at the post-secondary level.

Teays Valley High School provides busing transportation to and from the career centers, excluding satellite locations. All TVHS sophomores will participate in field trips during the fall to career center and satellite locations for an introduction to career center opportunities. Further questions can be addressed by speaking with your school counselor and checking out the Eastland-Fairfield Career Center website. www.eastland-fairfield.com

English Composition & Literature

Note: 4 credits of English Composition and/or Literature are required for graduation.

110001 ENGLISH 9

This course is an introduction to grammar, literature, and composition with emphasis on sentence structure, literature comprehension, essay writing, and vocabulary building.

Grade: 9
Credit: 1.00/Year

10001H HONORS ENGLISH 9

Students may be required to purchase novels throughout the year. Intended for motivated freshmen, this course surveys many types of literature, requires extensive reading, and emphasizes the development of composition skills. This course is strongly recommended for those who intend to take the Advanced Placement Examination as a senior.

Prerequisite: Permission of the Honors Committee: application packet
(8th grade English teacher recommendation, application form with parent signature, writing sample.)
Grade: 9
Credit: 1.00/Year

110002 ENGLISH 10

This course includes a common core approach to a genre in world literature and the basic fundamentals of grammar, the development of a wide and varied vocabulary and compositions of various types.

Prerequisite: English 9
Grade: 10
Credit: 1.00/Year

10002H HONORS ENGLISH 10

Students may be required to purchase novels throughout the year. This course is intended for motivated sophomores who read and write well. This challenging course emphasizes the reading of great American Literature, as well as an intensive development of writing and thinking skills. This course is strongly recommended for those who intend to take the Advanced Placement Examination as a senior.

Prerequisite: Honors English 9 with grade "C" or above or permission of the Honors Committee
Grade: 10
Credit: 1.00/Year

110003 ENGLISH 11

This course includes an American literature survey together with a strong emphasis on composition, including writing themes, career writing, and instruction in the research writing process.

Prerequisite: English 9 & 10
Grade: 11
Credit: 1.00/Year

11003A ADVANCED PLACEMENT ENGLISH 11

STUDENT-PURCHASED SUMMER READING WILL BE REQUIRED. The AP English Language and Composition Course provides students with the opportunity to read rigorous texts from various eras and in different genres analyzing the big ideas of rhetorical situations, claims/evidence, reasoning/organization, and style. Students use given texts to read and annotate from a critical perspective in order to craft well-reasoned essays and personal reflections/commentary. Students are required to take the AP Exam (Fee required).

Prerequisite: Honors English 9 and Honors English 10 with a grade of "C" or above or permission of the Honors Committee
Grade: 11
Credit: 1.00/Year
Fee: \$97 (AP Test)

110004 ENGLISH 12

This course emphasizes British Literature as well as contemporary works from a variety of genres. There will be a strong focus on writing, including but not limited to career writing, research-based writing and analytical essays.

Prerequisite: English 9,10 & 11
Grade: 12
Credit: 1.00/Year

10004A ADVANCED PLACEMENT ENGLISH 12

STUDENT-PURCHASED SUMMER READING WILL BE REQUIRED. Students may be required to purchase novels throughout the year. Students are required to take the AP Exam (Fee required). Advanced Placement English 12 is a continuation of Honors English and is designed to prepare students to write the Advanced Placement Examination in English Literature and Composition. The class will analyze major works of world literature. The course is intended to be of college-level difficulty, after the College Board model. A senior research project is required.

Prerequisite: Honors English 11 with a grade of "C" or above or permission of the Honors Committee
Grade: 12
Credit: 1.00/Year
Fee: \$97 (AP Test)

110010 CREATIVE WRITING

The class focuses on improving writing through grammar, diction, figurative language, and purposeful planning. Students will participate in the writing process from outlining to published drafts including : short stories, essays and personal narratives. Students will develop habits to improve writing skill and creativity.

Prerequisite: Grade "C" or above in previous English Class
Grade: 9,10,11,12
Credit: 0.5/Semester

110005 BIBLE LITERATURE I

This elective course provides a survey of Old Testament literature with emphasis on literary types and themes. Designed for students who want to learn about this masterpiece of world literature.

Prerequisite: English 9 credit earned

Grade: 10,11,12

Credit: 0.5/Semester

110015 BIBLE LITERATURE II

This elective course provides a survey of New Testament literature with emphasis on literary types and themes. Designed for students who want to learn about this masterpiece of world literature.

Prerequisite: English 9 credit earned

Grade: 10,11,12

Credit: 0.5/Semester

CCP courses at TVHS in the subject area of English

10001D ENGLISH 1100 CSCC COMPOSITION I

English 1100 is a beginning composition course which develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise, expository essays. The course facilitates an awareness of purpose, audience, content, structure and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized. Sections of this course are S-designed Service-Learning classes. Sections of this course are H-designated Honors classes.

Prerequisite: ENGL 0190, minimum grade of "C" or Accuplacer writing score of 66-99

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is offered at TVHS by Columbus State Community College.

10002D ENGLISH 2367 CSCC COMPOSITION II

ENGL 2367 is an intermediate composition course that extends and refines skills in expository and argumentative writing, critical reading, and critical thinking. This course also refines skills in researching a topic, documenting sources, and working collaboratively. Course reading and writing assignments are organized around the diversity of those who comprise their identities. Sections of this course are S-designated Service-Learning classes. Sections of this course are H-designated Honors classes.

Prerequisite: ENGL 1100, minimum grade of "C"

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is offered at TVHS by Columbus State Community College.

10006D OCU BASIC ORAL COMMUNICATION

The principles of speech composition, outlining, and delivery are discussed. There is practice in preparing and presenting short informative, persuasive, and demonstrated speeches.

Prerequisite: Meeting Accuplacer placement requirements by the college

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is offered at TVHS by Ohio Christian University.

10015D ENG 3120 OCU MULTICULTURAL LITERATURE

A survey of multicultural literature, including literature by or about minorities, and literature from nonwestern countries. Literature is examined according to its general literary value and the cultural perspective of the writer.

Prerequisite: Accuplacer writing score

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college semester hours)

*This course is offered at TVHS by Ohio Christian University.

History & Social Sciences

Note: 3 credits of Social Studies are required to meet graduation requirements. (Credits must be earned in World History, American History and Government)

130001 WORLD HISTORY

This course covers the time period of 1750 to the present and begins with the Enlightenment through the 20th century. Students will be expected to learn how to detect bias and propaganda in primary and secondary sources of information. They will develop and present a research project. They will be able to explain how various systems of governments acquire, use, and justify their power.

Grade: 9

Credit: 1.00/Year

13001H HONORS WORLD HISTORY

This course is designed for motivated freshmen who are willing to participate in rigorous projects, debates and various writing assignments that emphasize critical thinking. This World History course covers the time period of 1750 to the present and begins with the Age of Absolutism through the 20th century. Additional topics of study include detecting bias and propaganda in primary and secondary sources of information, developing and presenting research projects and analyzing how various systems of governments acquire, use, and justify their power.

Prerequisite: Grade "B" or above in 8th grade Social Studies

Grade: 9

Credit: 1.00/Year

130002 US HISTORY

This course covers the time period of 1877 to the present. The time period that it starts with is Post-Reconstruction and it ends with the events of the 21st century. Students will develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

Prerequisite: World History

Grade: 10

Credit: 1.00/Year

13002H HONORS US HISTORY

This Social Studies course covers the time period of 1877 to the present, beginning with the post-reconstruction period and finishing with the events of the twenty-first century. Study in this honors class emphasizes the original documents of history, the literature of the nation, popular culture, as well as political, economic, and social history. The activities of the course include research projects, presentations, and extensive analytical skills. This class is for the motivated and energetic student, with an emphasis on critical thinking, rigorous writing and argumentation, and assumes a very real curiosity about the history of our nation.

Prerequisite: Grade "B" or above in Honors World History

Grade: 10

Credit: 1.00/Year

130003 AMERICAN GOVERNMENT/ECONOMICS

This course students will explore the purposes and processes of the political system at the local, state, national and international level. The goals of this course are to better understand that people create systems of government as structures of power and authority to provide order, maintain stability and promote general welfare. Students will work towards a better understanding of community involvement and civic participation. Topics include the three branches of government, elections, voting, political beginnings and more.

Prerequisite: World History and US History

Grade 11

Credit: 1.00/Year

13003H AP AMERICAN GOVERNMENT /ECONOMICS

This course introduces students to key political ideas, institutions, policies, interactions, roles and behaviors that characterize the political culture of the United States. Students will examine significant concepts and themes, through which students learn to analyze topics, make connections, identify patterns, assess causes and consequences of events and interpret data to develop evidence-based arguments. Students in this course should be academically and willing to pursue college-level studies. AP exams are given each year in May. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both.

Prerequisite: Grade "B" or above in Honors US History

Grade: 11

Credit: 1.00/Year

130010 GLOBAL ISSUES

This course is one of political and economic systems. It is focused on the most current critical issues facing world policy makers. Students will work towards a better understanding of community involvement and civic participation. This class requires students to explore 8-9 relevant topics through reading, activities, discussion and research. This class is open to any student but Global Scholars students must take this course 3 times while in the program.

Grade: 9,10,11,12

Credit: 0.5/Semester

Fee: \$25

130006 MOVIE, FILM & THEATRE ANALYTICS

Students will look at film, movies and theatre from a historical perspective. History through film depicts how historical events have enormous power to affect us. This course explores the individual lives and monumental events that have shaped American history, helping us link the past to the present. Films, movies and discussions may discuss mature content. Students will be expected to complete quizzes, tests and written projects that require analysis.

Grade: 9,10,11,12

Credit: 0.5/Semester

130007 PSYCHOLOGY

This college preparatory course is designed to help students understand the human mind and behavior through discussion, research, collaboration and simulations.. Topics covered in class include: research methods, conditioning (learning), personality, language, thinking, memory, addiction, and development.

Grade: 11,12

Credit: 0.5/Semester

130008 ADVANCED PSYCHOLOGY

This advanced course builds on the knowledge gained in Beginning Psychology. It is designed to help students understand the human mind and behavior through inquiry, research projects and collaborative learning activities. Topics covered in class include: the brain, perception, motivation, psychological disorders and treatment, sleep and dreams, emotion, stress, intelligence and health.

Prerequisite: Grade "C" or above in Sociology I or instructor approval

Grade: 11,12

Credit: 0.5/Semester

130004 SOCIOLOGY I

Sociology is an advanced course designed for college bound students with a focus on the study of people and society, including social patterns and human behavior. This course will stress the broad social forces that shape the attitudes and actions of individuals. Students will study the ever-changing roles of groups, relationships, institutional influence and prejudice in a changing society. There will be a comparison of group and individual impact on culture, family and institutions that form the fabric of today's societies. Topics which will be covered include: Culture, cultural norm, changes, values, social control, deviant behavior, crime and punishment.

Grade: 11,12

Credit: 0.5/Semester

130009 SOCIOLOGY II

Building on knowledge gained in Sociology I, this course will continue the study of societal structure and cultural influences on human behavior. Students will apply sociological theories and concepts to societies present day problems. The class will revolve around collaborative discussion, activities, role-playing, debate, research, and experimentation/projects. Topics which will be covered include: social stratification and poverty, race and ethnic relations, social roles including that of gender equality, gender stratification, family and religion, education, and the extremes of wealth and poverty in an interdependent globalized society.

Prerequisite: Grade "C" or above in Sociology I or instructor approval

Grade: 11,12

Credit: 0.5/Semester

CCP courses at TVHS in the subject area of Social Studies

10008D SOC 1020 OCU INTRODUCTION TO SOCIOLOGY

Interrelationships and group activity are focused upon, including dyadic groups, primary groups, secondary groups, institutions, and society.

Prerequisite: Accuplacer Reading scores based on college requirements

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is offered at TVHS through Ohio Christian University.

10007D POLS 2100 OCU INTRO. TO GOVERNMENT

A study of Western Civilization from the Ancient Age through Medieval Age.

Prerequisite: Accuplacer Reading scores based on college requirements

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is offered at TVHS through Ohio Christian University.

10004D PSY 1020 OCU GENERAL PSYCHOLOGY

A comprehensive survey of the field of psychology including a Christian perspective. Emphasis will be placed on theories of psychology and how you can apply what you have learned as a result of an appropriate understanding of a particular psychological foundation.

Prerequisite: Accuplacer Reading scores based on college requirements

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is offered at TVHS through Ohio Christian University.

10003D PHIL 1130 CSCC ETHICS

This course introduces students to moral reasoning, examining theories of right and wrong, good and bad, justice and injustice as they have been viewed in the past and as they shed light on contemporary ethical issues. PHIL 1130 meets elective requirements in the Associate of Arts and Associate of Science Degree programs and distributive transfer requirements in philosophy and humanities.

Prerequisite: Accuplacer Writing scores based on college requirements

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is offered at TVHS through Columbus State Community College.

10020D HIST 1152 AMERICAN HISTORY SINCE 1877

This course covers a wide range of topics in modern American history from reconstruction to the present time. It is an introduction to the study of history and of the political, economic, intellectual, and social themes that have shaped our present society.

Prerequisite: Placement into ENGL1100

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

Science

Note: 3 credits of Science are required to meet high school graduation requirements. (Life Science, Physical Science and one additional science course)

140001 PHYSICAL SCIENCE

Physical Science comprises the systematic study of the physical world, as related to chemistry and physics. Students engage in investigations to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. This course will offer more individualized attention to students who need help with fundamentals.

Grade: 9,10,11
Credit: 1.00/Year
Fee: \$20

140002 BIOLOGY

Biology investigates the composition, diversity, complexity, and interconnectedness of life on Earth. Fundamental concepts of cellular biology, heredity, and evolution provide a framework through inquiry-based instruction to explore the living world and its impact on the environment. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. This course will offer more individualized attention to students who need help with fundamentals.

Grade: 9,10
Credit: 1.00/Year
Fee: \$20

14002H HONORS BIOLOGY

Honors Biology investigates the composition, diversity, complexity and interconnectedness of life on Earth. This is a challenging course taught at an accelerated pace. You will use critical thinking skills daily. Fundamental concepts of cellular biology, heredity and evolution provide a framework through inquiry-based instruction to explore the living world and its impact on the environment. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. This course will explore the connections and applications of the topics at a greater depth than Biology and may include individual research projects that demonstrate student mastery of the topic

Prerequisite: 8th Grade Science grade of "B" or above or instructor approval
Grade: 9,10
Credit: 1.00/Year
Fee: \$20

140003 CHEMISTRY

Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure and its interactions is how this course is organized. Students engage in investigations to understand and explain physical systems in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction, and application.

Prerequisite: Grade 9: Biology and Algebra grade "B-" or above
Grade 10: Biology and Algebra 1 grade "C" or above
Grade: 10,11,12
Credit: 1.00/Year
Fee: \$20

14003H HONORS CHEMISTRY I

Honors Chemistry 1 comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. This is a challenging course taught at an accelerated pace, requiring a solid math background. You will use critical thinking skills daily. The study of matter through the exploration of classification, its structure, and its interactions is how this course is organized. Students engage in investigations to understand and explain physical systems in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction, and application. Material for independent projects must be purchased by the student.

Prerequisite: Honors Biology and Algebra 1 grade "C" or above
Grade: 10,11,12
Credit: 1.00/Year
Fee: \$20

14004H HONORS CHEMISTRY II

Honors Chemistry 2 is a continuation of Honors Chemistry 1 and comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. This is a challenging course, containing extensive math usage. You will use critical thinking skills and daily homework to reinforce concepts learned. The study of matter through the exploration of classification, its structure and its interactions is how this course is organized. Concentration in organic chemistry, stoichiometry, and gas laws are major parts of this course. Students engage in investigations to understand and explain the behavior of physical systems in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications.

Prerequisite: Honors Chemistry 1 grade of "B" or above or instructor approval
Grade: 11,12
Credit: 1.00/Year
Fee: \$20

140005 ENVIRONMENTAL SCIENCE

Environmental Science incorporates biology, chemistry, physics, physical geology, and introduces students to key concepts, principles, and theories within environmental science. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications.

Prerequisite: Biology or Honors Biology
Grade: 11,12
Credit: 1.00/Year
Fee: \$20

140006 PHYSICS

Physics is a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. Students engage in investigations to understand and explain physical systems in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, in real world applications. Material for independent projects must be purchased by the student.

Prerequisite: Algebra 2 grade "C" or above
Grade: 10,11,12
Credit: 1.00/Year
Fee: \$20

14006H HONORS PHYSICS

This course is recommended for students that are planning careers in science and or mathematics and requires a comfort with math and solving equations for variables. Students will develop equations to describe and solve problems in the areas of kinematics, optics, mechanics, and electricity. Physics is a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. Students engage in investigations to understand and explain physical systems in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications. Material for independent projects must be purchased by the student.

Prerequisite: Currently enrolled in Calculus
Grade: 10,11,12
Credit: 1.00/Year
Fee: \$20

140008 ANATOMY AND PHYSIOLOGY I

Anatomy and Physiology is a challenging, fast-paced course. Students will study the systems of the body as well as related nomenclature. Anatomy & Physiology I will include in-depth orientation to the organization of the human body, hands-on investigations of the tissues and skin of the human body, as well as detailed study of the skeletal and muscular systems.

Prerequisite: Biology and Chemistry grade "C" or above
Grade: 11,12
Credit: 0.5/Semester
Fee: \$25

140009 ANATOMY & PHYSIOLOGY II

Anatomy & Physiology II will continue with the concepts of Anatomy & Physiology I, and includes in-depth study of the nervous, cardiovascular, respiratory, digestive, urinary, and reproductive systems. The course will culminate in a very detailed mammal dissection.

Prerequisite: Anatomy & Physiology I grade "C" or above
Grade: 11,12
Credit: 0.5/Semester
Fee: \$25

140010 ZOOLOGY

This is an introductory course that explores the classification of animal characteristics, including structure, function, and dissections covering the comparative anatomy of these animals.

Prerequisite: Currently enrolled in or has earned a credit in Biology or Honors Biology
Grade: 10,11,12
Credit: 0.5/Semester
Fee: \$20

140013 BOTANY

This class allows the student to explore the diversity of the plant world. The course will focus on structure and function, along with growth, development, reproduction and genetics. The student will engage in lab work in the greenhouse and school grounds.

Prerequisite: Currently enrolled in or has earned a credit in Biology or Honors Biology
Grade: 10,11,12
Credit: 0.5/Semester
Fee: \$20

141000 PRINCIPLES OF BIOMEDICAL SCIENCE

Project Lead the Way courses use activity, project, and problem based curricula to allow high school students to apply what they know, identify problems, find unique solutions and lead their own learning. Principles of Biomedical Science (PBS) is the first class in a progression of concepts of human medicine, physiology, genetics, microbiology and public health. Students in PBS explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. PBS is an advanced science; it does not count toward the life science credit.

Prerequisite: Currently enrolled in Biology or successfully completed Biology. This course can count towards the fourth science requirement for the honors diploma but does not meet the life science requirement for graduation.
Grade: 9,10,11,12
Credit: 1.00/Year
Fee: \$20

140011 HUMAN BODY SYSTEMS

Human Body Systems (HBS) is the 2nd course in the Project Lead the Way (PLTW) Biomed Pathway. In this course students examine the interactions of human body systems as they explore identity, power, movement, protection and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Prerequisite: Successful completion of Principles of Biomedical Science
grade "C" or above
Grade: 10,11,12
Credit: 1.00/Year
Fee: \$20

140014 MEDICAL INTERVENTIONS

Medical Interventions (MI) is the 3rd course in the Project Lead the Way (PLTW) Biomed Pathway. In this course, students investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students in MI explore how to detect and fight infection: screen and evaluate the code in human DNA: evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics.

Prerequisite: Successful completion of Human Body Systems grade "C" or above
Grade: 10,11,12
Credit: 1.00/Year
Fee: \$20

140015 BIOMEDICAL INNOVATION

Biomedical Innovations (BI) is the 4th year of the Project Lead the Way (PLTW) Biomed pathway. In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

Prerequisite: Successful completion of Medical Interventions with a grade "C" or above
Grade: 11,12
Credit: 1.00/Year
Fee: \$20

CCP courses at TVHS in the subject area of Science

10005D CHEMISTRY 1111 CSCC ELEMENTARY CHEMISTRY

This is an introductory course in fundamental chemical concepts and laboratory techniques. Topics include atomic structure, periodic classification of elements, stoichiometry, solutions, acids and bases, pH and buffers, the gas laws, chemical equilibrium, and nuclear chemistry. Safety training and goggles are required for laboratory sessions. Students enrolled in distance versions of this course will be required to come to campus for an orientation meeting and completion of certain exams and laboratories.

Prerequisite: ACT of 22 in Math and Science or placement of MATH 1020
or higher and placement into ENGL 1100 or higher and high school science

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is offered at TVHS through Columbus State Community College.

141001D MULT1100/HITM 1274 CSCC MEDICAL TERMINOLOGY/CODING

Advanced Medical Terminology (MT) provides an in-depth study of medical language. Students in MT learn the basic principles for understanding the language emphasizing terms that are practical and commonly found in the day-to-day work of all allied health professions in many areas of medicine. Intro to Medical and Reimbursement provides an overview of the process of medical coding, the system that converts patient medical information to alphanumeric codes. Dual credit will be provided for HIMT 1121 and HIMT 1274 at CSCC.

Prerequisite: Must meet all CCP requirements

Grade: 9,10,11,12

Credit: 1.00/Semester (3 college credit hours)

*This course is taught at TVHS through Columbus State Community College.

Math

120001 ALGEBRA I

The topics covered will be the same as Advanced Algebra 1 with an applications based curriculum. This course introduces solving equations, factoring, graphing, operations with polynomials, solving graphing, and analyzing linear functions, equations, and inequalities. Also studied are operations with rational numbers, including study of probability, and statistics, geometry, and trigonometry. This course will offer more individualized attention to students who need help with fundamentals.

Grade: 9
Credit: 1.00/Year

120002 GEOMETRY

The topics covered will be the same as Advanced Geometry with an applications based curriculum. Students will develop the theorems and techniques of modern, plane, and solid geometry. This course focuses on more applications and attention to the core topics of Geometry. This course will offer more individualized attention to students who need help with fundamentals.

Prerequisite: Algebra 1
Grade: 9,10
Credit: 1.00/Year

12000H HONORS GEOMETRY

Course will place greater emphasis in proofs and constructions than Geometry in the development of the theorems of plane geometry. Theorems will deal with parallel and perpendicular lines, congruent triangles, quadrilaterals, similar triangles, and circles. Additional topics may include right triangle trigonometry, transformations, (reflections, translations, rotations, and glide reflections) and symmetry.

Prerequisite: 8th grade Algebra 1 grade "B" or above
Grade: 9,10
Credit: 1.00/Year

120010 COLLEGE PREP ALGEBRA 2

This course is highly recommended for college bound students not pursuing a math or science field. Topics covered include a review of Algebra 1 and extension into topics of complex numbers, quadratic, and higher equations, linear, and nonlinear systems, matrices, and analytical geometry. Graphing Calculator is suggested (TI-84+ or NSPIRE preferred)

Prerequisite: Geometry grade "C" or above or instructor approval
Grade: 10,11
Credit: 1.00/Year

12003H HONORS ALGEBRA 2

This course will be a fast-paced version of College Algebra 2 course. It is primarily designed for students preparing for a math or science related field. Honors Algebra 2 exceeds Algebra 2 in such topics as logarithmic and exponential functions, sequences and series, probability and statistics, and explores other Algebra 2 topics more in depth. Graphing Calculator is suggested (TI-84+ preferred).

Prerequisite: Honors Geometry grade "B" or above

Grade: 10,11

Credit: 1.00/Year

120004 PRECALCULUS

Deals with topics including coordinate geometry, advanced algebra, logarithmic, and exponential functions, trigonometry, trigonometric identities, and utilizing graphing calculators. This course is strongly recommended for college-bound students and particularly those who plan college majors in science or math fields. Graphing calculator is required (TI-84+ preferred).

Prerequisite: CP Algebra 2 grade "C" or above or instructor approval

Grade: 11,12

Credit: 1.00/Year

12004H HONORS PRECALCULUS

This class is a fast-paced version of PreCalculus. Course deals with topics including coordinate geometry, advanced algebra, logarithmic and exponential functions, trigonometry, trigonometric functions and identities, probability and statistics, and utilizing graphing calculators. This course will prepare the student for Honors Advanced Placement Calculus. Graphing calculator is required (TI-84+ preferred).

Prerequisite: Honors Algebra 2 grade "B" or above or instructor approval

Grade: 11,12

Credit: 1.00/Year

12005A ADVANCED PLACEMENT CALCULUS

Course will prepare students for the Advanced Placement Exam in calculus. Topics presented will include differential and integral calculus. Students will be able to solve problems graphically, algebraically, and analytically. Students will learn the appropriate use of a graphing calculator and its limitations. Graphing calculator is required (TI-84+ or NSPIRE preferred). *Students may receive college credit for their score on the AP Test*

Prerequisite: Honors Pre-Calculus grade "B" or above or instructor approval

Grade: 12

Credit: 1.00/Year

120005 STATISTICS

An introductory course of elementary statistics. Students will be given an introduction to descriptive and inferential statistics and their application in business, industry, science, and economics. Topics will include basic sampling techniques, frequency distributions, graphing techniques, normal distributions, The Central Limit Theorem, confidence intervals, hypothesis testing and correlation, and regression. The course will emphasize incorporating technology and applications to real-world scenarios. Graphing calculator is required (NSPIRE preferred).

Prerequisite: CP Algebra II, Honors Algebra II or Data Science

Grade: 10,11,12

Credit: 1.00/Year

12015A ADVANCED PLACEMENT STATISTICS

AP Statistics give students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to reflectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. This course is an equivalent of an introductory college-level course. AP Statistics prepares students for the AP exam and for further study in science, sociology, medicine, engineering, political science, geography and business.

Prerequisite: CP Alg. II or Honors Alg II grade C or above. Students are required to take the AP Exam

Grade: 11,12

Credit: 1.0/Year

Fee: \$97 (AP Test)

120007 FINANCIAL ALGEBRA

This course is an applications-rich, algebra-based, technology-oriented course that extends the students' knowledge of: (1) Number and Quantity, (2) Algebra, (3) Functions, and (4) Statistics and Probability beyond what was learned in Algebra II. The course includes the following topics: Banking, Investing, Credit, Employment and Income Taxes, Automobile Ownership, Independent Living, and Retirement Planning and Household Budgeting. Throughout the course, students will perform operations on matrices, solve systems of equations, find patterns and represent information graphically. Finally, students will use a variety of problem-solving skills and strategies in real-world contexts, make sense of problems using reasoning skills, persevere in solving them, and use data to support their findings. This course is not eligible for NCAA eligibility.

Prerequisite: Data Science or CP Algebra II

Grade: 12

Credit: 1.0/Year

120008 PREPARING FOR COLLEGE MATH

This course is designed to help students who are planning to go to college but are currently not reaching the math placement "college readiness" scores. This course is designed to help students identify the areas they need to strengthen and develop so they are ready for college-level math and are prepared to take College Algebra second semester or in the fall of their freshman year of college. Students will take a placement test at the end of the course to determine if they are prepared for college mathematics.

Prerequisite: Completion of CP Algebra II, Data Science or Precalculus

Grade: 11,12

Credit: 0.5/Semester

120006 DATA SCIENCE

Introduction to Data Science (IDS) is a course designed to introduce students to the intersection of data analysis, computing, and mathematics through hands-on activities. Data is everywhere, and this curriculum will help prepare students to live in a world of data. The curriculum focuses on practical applications of data analysis to give students concrete and applicable skills. This class engages students with a wider world of data that fall into the "Big Data" paradigm and are relevant to students' lives. Students will learn to find and communicate meaning in data, and to think critically about arguments based on data.

Prerequisite: Geometry
Grade: 11,12
Credit: 1.0/Year

CCP courses at TVHS in the subject area of Math

10019D MATH 1148/1146 CSCC COLLEGE ALGEBRA

This course is a continuation of the study of functions. The concept of transformations is used to graph and analyze functions including quadratic, higher degree polynomial, power, piecewise, rational, exponential, and logarithmic functions. The function concept is applied to solving equations, inequalities, and applications regarding these types of functions. Factor and remainder theorems and roots of polynomial functions are included. The concept of functions is extended to include composition of functions and inverse functions. Systems of linear and non-linear equations are solved using algebraic and graphical methods. Trigonometric functions of right angles are defined and used in problem solving. This course meets the general education requirement for the AA degree.

Prerequisite: Required accuplacer scores from the college
Grade: 9-12
Credit: 1.00/Year (4 college semester hours)

World Languages

150001 SPANISH 1

Spanish 1 will include an introduction to Spanish and Hispanic cultures and history and cover units such as greetings, likes, dislikes, common activities, classroom objects, descriptions, food, and subject-verb-adjective agreement in the present tense.

Prerequisite: Grade C or above in English

Grade: 9,10,11,12

Credit: 1.0/Year

150002 SPANISH II

Spanish 2 will cover the school day, getting ready, clothing, the city, stem-vowel changing verbs, reflexive verbs, and the past tense.

Prerequisite: Grade of "C" or higher in Spanish I. Students must also pass the last quarter of Spanish I.

Grade: 9,10,11,12

Credit: 1.0/Year

150003 SPANISH III

Spanish 3 will cover childhood, professions, nature, Mexican-American culture, and preterit, imperfect, perfect and future tenses. Students will also read a novel and write a children's book.

Prerequisite: Grade of "C" or higher in Spanish II
Students must also pass the last quarter of Spanish II.

Grade: 9,10,11,12

Credit: 1.0/Year

15004H HONORS SPANISH IV

In a level 4 World Language course, students will begin at an intermediate low 2 level and will progress to an intermediate mid 2 level by the end of the year in their language proficiency. Course emphasis will be on reading excerpts of authentic classic literature and oral fluency.

Prerequisite: Spanish 3 grade of "B" or higher.

Grade: 11,12

Credit: 1.0/Year

150009 FRENCH I

French 1 covers greetings, numbers, months, days, home & family, food, restaurants, clothing, and fashion. French short stories, culture, and games will emphasize speaking, listening, reading, and writing skills.

Prerequisite: Grade "C" or above in English

Grade: 9,10,11,12

Credit: 1.0/Year

150010 FRENCH II

French 2 covers vacation spots, giving and receiving directions, expressing discomfort, cooking, and creating recipes. Students will discuss past and future events via speaking, listening, reading, and writing activities.

Prerequisite: Grade "C" or above in French 1. Students must also pass the last quarter of French I.

Grade: 9,10,11,12

Credit: 1.0/Year

150011 FRENCH III

Students will advance speaking, reading, and writing skills and begin using language more spontaneously. French 3 will include a literature unit, creative writing and speaking activities, and an in-depth movie trailer project. All level 3 World Language students will also take the Ohio State University's CAAP language placement test (free of charge).

Prerequisite: Grade of "C" or above in French II. Students must also pass the last quarter of French II.

Grade: 9,10,11,12

Credit: 1.0/Year

15012H FRENCH IV

French 4 emphasizes modern-day French culture, media, and music. Students will read excerpts from cultural novels and French newspapers and blog about their opinions in French. French 4 students also vote on a fictional novel of their choice to read in French. All level 4 World Language students will also take the Ohio State University's CAAP language placement test (free of charge).

Prerequisite: Grade of "B" or above in French III. Students must also pass the last quarter of French III.

Grade: 11,12

Credit: 1.0/Year

Business/Computer Science

170012 MICROSOFT OFFICE I

This course is designed to teach students fundamental concepts, terms and functions of Microsoft Word, Outlook and Access. In this course you will learn to create, edit, proof and format documents in Microsoft Word while creating professional looking emails, maintain calendars and schedule tasks with Microsoft Outlook. Microsoft Access will teach students to take control of data, build databases and make smarter business decisions. Students will be given the opportunity to take Microsoft Certification exams for Word, Outlook and Access.

Grade: 10,11,12

Credit: 0.5/Semester

170009 MICROSOFT OFFICE II

This course is designed to teach students fundamental concepts, terms and functions of Microsoft Excel and PowerPoint. Students will learn to present tables of values arranged in rows and columns that can be manipulated mathematically using both basic and complex arithmetic operations and functions. PowerPoint will teach students to design and deliver professional presentations. Students will be given the opportunity to take Microsoft Certification Exams for Excel and PowerPoint.

Grade: 10,11,12

Credit: 0.5/Semester

170001 IT ESSENTIALS

Students will develop an understanding of computing foundations and concepts relevant to college and career. Topics covered include computer hardware, software, databases, cybersecurity, programming and more. Students in this course will also rotate on our student-run help desk, therefore emphasis will be placed on developing strong communication and critical thinking skills needed for an IT customer service related position.

Grade: 9,10,11,12

Credit: 1.0/Year

Fee: \$17.50

170003 PROGRAMMING

Using Python as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. Students are required to supply headphones/earbuds with a plugin for audio jack (wireless cannot be used).

Grade: 10,11,12

Credit: 1.0/Year

Fee: \$17.50

170016 TECHNOLOGY INTERNSHIP

The Technology Internship requires students to assess technology needs throughout the day and define the best approach to addressing or solving the problem in the VIKES Tech Desk or classrooms. In addition to assisting students and teachers with technology needs, interns will be required to complete and maintain several running projects that address problems or solutions in educational technology integration. The course also asks students to have a prior understanding of the Chrome OS. Students are expected to be self-motivated, independent learners. Students interested in this course should add it to their scheduling sheet and will be given access to the formal application after course requests are complete. Chosen applicants will go through an interview process before the end of the current school year and will be notified of placement. For eligible students, summer job opportunities may be available.

Prerequisites: IT Essentials & Interview/Application Requirements

Grade: 9,10,11,12

Credit: 1.0/Year

170002 BUSINESS FOUNDATIONS

This is the first course for the Business and Administrative Services, Finance and Marketing Career fields. It introduces students to specializations within these three career fields. Students will obtain fundamental knowledge and skills in general management, human resources management, operations management, business informatics, and office management. They will acquire knowledge of business operations, business relationships, resource management, process management, leadership skills and financial principles. They will acquire knowledge of business processes, economics and business relationships. Students will use technology to synthesize and share business information. Employability skills, leadership and communications, and personal financial literacy will be addressed. They will participate in activities relating to the Teays Valley Spirit Store, and will also complete a large project based on creating a Theme Park.

Grade: 9,10,11,12

Credit: 1.0/Year

Fee: \$24

170008 MARKETING PRINCIPLES

This is the first course in the Marketing career field. It introduces students to the specializations offered in Marketing. Students will obtain fundamental knowledge and skills in marketing communications, marketing management, marketing research, merchandising, and professional selling. They will acquire knowledge of marketing strategies, market identification techniques, employability skills, business ethics and law, economic principles and international business. Technology, leadership and communications will be incorporated in classroom activities.

Prerequisite: Business Foundations or instructor approval.

Grade: 10,11,12

Credit: 0.5/Semester

Fee: \$24

170004 SPORTS MANAGEMENT & ENTERTAINMENT

Students will be introduced to basic trends and principles in sports management. Students will explore sports management in the context of high school, collegiate and professional athletics. Subject matter studies include management principles, athletic governance, sports marketing, facilities planning, accounting and finance in sports law, athletes as role models and ethical issues in sports. This course requires the student to attend/participate in required evening events. The student will be given assignments related to sports management that will be a part of their assessment for the course.

Grade: 11,12
Credit: 0.5/Semester
Fee: \$25

170014 FINANCIAL LITERACY

College & Career Action Plan is designed for juniors. The course will focus on exploring careers and researching the requirements for chosen occupations. Crucial aspects of the college application process, strategies for a successful college experience, training and development for non-college based careers and learning how to live financially secure after high school will be researched. Upon completion of this course, students will know and exhibit characteristics associated with the following: personal budgeting, college finances, transitioning skills to the workplace, etc. This course meets the 1/2 credit financial literacy requirement.

Grade: 11,12
Credit: 0.5/Semester

17001S ADVANCED CAREER EXPLORATIONS

The Advanced Career Exploration course is a course that will allow juniors and seniors the opportunity to work with non or more sponsors in a career field or career fields of interest. The purpose of the course is to allow juniors and seniors the opportunity to: gain better understanding of the real world of work, gain a better understanding of various career fields in order to plan post-secondary options, expand their network and build workplace skills for future success. See your school counselor for additional information. This course may be repeated.

Prerequisite: Job shadowing application required/see school counselor
Grade: 11,12
Credit: 0.25/Semester

170006 PHOTOGRAPHY DESIGN AND LAYOUT

This course is designed to expose the student to the skills of photography, journalism, and page production. Students will be members of the Yearbook Production Staff, record events through articles, contemporary layout and design, headlines, captions, graphics and photos, apply communication skills, both written and visual, use technology to create and market a real-world product of historic value, acquire the responsible attitude necessary to meet the demands of a production schedule and a publication deadline, and produce real life products that reflect today's society. There will be some assignments outside of the class period.

Grade: 9,10,11,12
Credit: 1.0/Year

Visual Arts

101011 ART APPRECIATION 1

This course combines art history, art criticism and aesthetics in order to provide the student with an academic study of the fine arts. The course content is introduced through the use of digital images, videos, lectures and limited art production. The historical component of Art Appreciation 1 begins with prehistoric art and continues through Renaissance. This is a good course for those needing an art credit without taking a studio course.

Grade: 9,10,11,12
Credit: 0.5/Semester
Fee: \$25

101012 ART APPRECIATION 2

This course takes the same approach as Art Appreciation 1 but the historical component begins with Baroque and continues through Contemporary art. This is a good course for those needing an art credit without taking a studio course.

Grade: 9,10,11,12
Credit: 0.5/Semester
Fee: \$25

101013 ART FOUNDATIONS 1

This course is an introduction to the elements and principles of art in reference to their uses in drawing, painting and design. Students learn about practical applications of the elements and principles of design in relation to the current world as well as throughout art history (prehistory-renaissance). In Art Foundations 1 students focus on craftsmanship and developing beginning level art skills as they create artworks. Student art is both technical and student centered. The students will concentrate on various elements of art and many different forms art can take, while developing an appreciation for artworks and the masters who created them. This course involves drawings, collages and paintings while simultaneously being exposed to several types of media such as paint, pencil, charcoal, pastels and pen and ink.

Grade: 9,10,11,12
Credit: 0.5/Semester
Fee: \$25

101014 ART FOUNDATIONS 2

This course introduces students to the elements and principles of art and design in reference to their uses in sculpture and ceramics, with more advanced work in drawing, painting and design. Students learn about practical applications of the elements and principles of design in relation to the current world as well as throughout art history (baroque-contemporary). In Art Foundations 2, students continue their focus on craftsmanship and developing intermediate level art skills as they create artworks. Student art is both technical and student centered. Students will concentrate on various elements of art and the many different forms art can take, while developing an appreciation for artworks and masters who created them. This course involves sculptures, ceramics, collages and paintings while simultaneously exposing students to several types of media such as paint, ink, colored pencil, ceramics, mixed media and pastel.

Prerequisite: Grade of "C" or above in Art Foundations 1
Grade: 9,10,11,12
Credit: 0.5/Semester
Fee: \$25

101015 DIGITAL ART AND DRAWING 1

This is a beginning course that is designed for students to learn how to use digital drawing software to illustrate and render digital images. Students will learn digital art processes and how to develop creativity and self expression while using state of the art digital technology.

Prerequisite: Grade of "C" or above in Art Foundations 2
Grade: 10,11,12
Credit: 0.5/Semester
Fee: \$25

101016 DIGITAL ART AND DRAWING 2

This is an intermediate course for students who want to refine and develop their digital art using state of the art digital technology. Students will be using digital software for personal expression and portfolio development with emphasis on a personal style.

Prerequisite: Grade "C" or above in Digital Art and Drawings 1
Grade: 10,11,12
Credit: 0.5/Semester
Fee: \$25

101017 DRAWING AND PAINTING 1

This is an intermediate course that is designed for students who want to increase their drawing and painting skills. It will build on skills from Art Foundations 2 with more emphasis on personal expression, creative potential, and technical mastery. Students will develop skills in drawing, painting, art history, criticism and aesthetics.

Prerequisite: Grade of "C" or above in Art Foundations 2
Grade: 10,11,12
Credit: 0.5/Semester
Fee: \$25

101018 DRAWING AND PAINTING 2

This is an advanced course that is designed for students who want to master their drawing and painting skills as well as their creative potential. Students will refine skills in drawing, painting, art history, criticism and aesthetics.

Prerequisite: Grade of "C" or above in Drawing and Painting 1
Grade: 10,11,12
Credit: 0.5/Semester
Fee: \$25

101019 CERAMICS AND SCULPTURE 1

This is an intermediate course that is designed for students who want to increase their sculpting and ceramics skills. It will build on the skills from Art Foundations 2 with more emphasis on personal expression and creative potential. Students will develop skills in sculpting, ceramics, art history, criticism and aesthetics.

Prerequisite: Grade of "C" or above in Art Foundations 2
Grade: 10,11,12
Credit: 0.5/Semester
Fee: \$25

101020 CERAMICS AND SCULPTURE 2

This is an advanced course that is designed for students who want to master their sculpting and ceramics skills. Students will refine skills in sculpting, ceramics, art history, criticism and aesthetics.

Prerequisite: Grade of "B" or above in Ceramics and Sculpture 1
Grade: 10,11,12
Credit: 0.5/Semester
Fee: \$25

101021 MIXED MEDIA AND SCULPTURE

This course is designed for students that show a high level of motivation, independence and ability to work on their own. Emphasis will be placed on sculpting, ceramics, textiles and mixed media. Proper presentation (matting and framing, exhibiting) and archiving (digital imagery) of your artwork will be a part of this course.

Prerequisite: Grade "C" or above in Art Foundations 1 & 2
Grade: 11,12
Credit: 1.00/Year
Fee: \$25

101022 ADVANCED ART AND DESIGN 1

This course is designed for students that must show a high level of motivation, independence and ability to work on their own. Emphasis will be placed on drawing, painting, printmaking and/or digital art. Proper presentation (matting and framing, exhibiting) and archiving (digital imagery) of your artwork will be part of this course.

Prerequisite: Grade "C" or above in Digital Art & Drawing 2 or Drawing & Painting 2
Grade: 11,12
Credit: 1.0/Year
Fee: \$25

101023 ADVANCED ART AND PORTFOLIO DEVELOPMENT

This course is designed to meet the needs of art students who plan to pursue an art-related career. The course will focus on developing an art portfolio that can be used for college admission, scholarship competitions and/or interviews. Depending on student projects, additional art supplies may need to be purchased. Proper presentation (matting and framing, exhibiting) and archiving (digital imagery) of your artwork will be a part of this course.

Prerequisite: Instructor permission, Grade of "C" or above in Mixed Media & Sculpture or Advanced Art & Design
Grade: 12
Credit: 1.0/Year
Fee: \$25

Performing Arts

180001 INSTRUMENTAL MUSIC

In the fall, the band performs as a marching unit for the football season. After marching band, students are placed in either the wind ensemble or concert band for the remainder of the school year. The focus of the course is to encourage students to develop more advanced technical and musical skills through the exploration of a wide variety of literature. Students involved in the marching band will perform at all football games, several community events and at a limited number of OMEA Marching Band Festivals. They are also required to attend rehearsals and Band Camp in the month of August to prepare for the season. Students in the wind ensemble and concert band perform several concerts at OMEA District Festival each year. All band students are required to attend a limited number of rehearsals outside the school day. A calendar of performances and related activities is provided to the students well in advance of those dates for planning.

Grade: 9,10,11,12
Credit: .50/Semester

180002 WIND ENSEMBLE

Placement determined by audition and instructor approval.

Grade: 9,10,11,12
Credit: .50/Semester

180003 CONCERT BAND

Placement determined by audition and instructor approval.

Grade: 9,10,11,12
Credit: .50/Semester

180004 JAZZ ENSEMBLE

Membership in the jazz ensemble is determined through an audition process. The jazz ensemble explores a variety of jazz literature and techniques and traditionally participates in one or two jazz festivals during the school year. Attendance at a limited number of appearances outside of the school day is expected of all members.

Grade: 9,10,11,12
Credit: 1.0/Year

180007 COLOR GUARD

This class is a performance option for students who do not play an instrument. Students interested in membership in the color guard must be selected through an audition process which evaluated movement, coordination, equipment spinning, and marching fundamentals. Color guard auditions occur in March/April for the following school year. Color guard members are required to attend marching band camps in August and all marching band rehearsals and performances outside the school day. Students who attend the Career Center or Post-Secondary classes are not eligible for this class.

Grade: 9,10,11,12
Credit: .50/Semester

180005 HISTORY OF MODERN AMERICAN MUSIC

This non-performance course is designed to expose students to all varieties of Modern American music including Jazz/Blues, Folk/Country, Classical, Rock, Pop, Rap/Hip-Hop, Easy Listening and Theater/Film. The class will use lectures, demonstrations, listening examples, and special projects to acquaint students with these Modern American music genres.

Grade: 11,12
Credit: 1.0/Year

190005 SYMPHONIC CHOIR

Literature of the highest quality and advanced technique is performed. The symphonic choir will represent TVHS in a variety of performances including the OMEA large group contest throughout the year. Previous vocal experience is recommended, but not required.

Prerequisite: Placement determined by audition and instructor approval
Grade: 10,11,12
Credit: 1.0/Year
Fee: \$15

190002 WOMEN'S CHORUS

Any female student may sign up for Women's Chorus. Students do not need to audition. The chorus will represent TVHS in a variety of performances including OMEA large group contests throughout the school year. Previous vocal experience is recommended, but not required.

Grade: 9,10,11,12
Credit: .50/Year
Fee: \$15

190001 MEN'S CHORUS

Any student may sign up for Men's Chorus. Students do not need to audition. The chorus will represent TVHS in a variety of performances including OMEA large group contests throughout the school year. Previous vocal experience is recommended, but not required.

Grade: 9,10,11,12
Credit: .50/Year
Fee: \$15

190003 Prominent Rendition

The Show Choir combines the basic elements of music with traditional choreography. This group performs extensively throughout the Midwest performing in many festivals and competitions. Students are financially responsible for their costumes and trips. There are extensive time commitments for performances and rehearsals both within and outside the school day. Every member must also be a member of one of the following choirs: Symphonic Choir, Men's Chorus or Women's Chorus. Previous vocal or dance experience is strongly recommended, but not required.

Prerequisite: Placement determined by audition and instructor approval

Grade: 9,10,11,12

Credit: 1.0/Year

Fee: \$15 (additional fees may apply)

190006 GLAMOROUS EDITION

Glamorous Edition combines the basic elements of music with traditional choreography. The group will have several performances throughout the Midwest at festivals and competitions as well as at high school concerts. Students will be financially responsible for their uniforms and any overnight trips. There will be some limited time commitments for rehearsals outside of the school day as well as time commitments for competitions and festivals on weekends. Each member must also be a member of one of the following choirs; Symphonic Choir, Prominent Rendition, or Women's Chorus. Previous vocal or dance experience is not required.

Prerequisite: Placement determined by audition and instructor approval

Grade: 9,10,11,12

Credit: 1.0/Year

Fee: \$15 (additional fees may apply)

Health/Physical Education

160001 BASIC PHYSICAL EDUCATION

This course will give an introduction into a variety of team sports, individual sports and fitness activities. Students can also earn PE Waivers to meet the Physical Education requirement for graduation. One PE Waiver is earned for each completed Athletic or Marching Band season during grades 9-12. Two PE Waivers are required to meet the Physical Education requirement.

Grade: 9,10,11,12

Credit: .25/Semester

160005 HEALTH

Involves teaching principles and facts of healthful living. Covers healthful living in school, home, and community with an opportunity for growth in self-direction.

Grade: 9,10,11,12

Credit: .50/Semester

16001S ONLINE PHYS. ED. (APP. REQUIRED)

This course covers different types of sports, and how fitness relates to performance. You are required to do 10 different informational packets on different sports, write a research paper on fitness, create a physical activities project, write a research paper on 2 sports of your choosing, and do some fitness testing.

Grade: 9,10,11,12

Credit: .50/Class completion

16005S ONLINE HEALTH (APP. REQUIRED)

This course covers the basic concepts of personal health. Topics covered are basic health skills, drugs, addiction, physical activity, nutrition, and eating disorders. Students will take quizzes, tests, write research papers and do projects in this course.

Grade: 9,10,11,12

Credit: .50/Class completion

College Credit Plus/Dual Credit

10001D ENGLISH 1100 CSCC COMPOSITION I

English 1100 is a beginning composition course which develops processes for critically reading, writing, and responding to a variety of texts in order to compose clear, concise, expository essays. The course facilitates an awareness of purpose, audience, content, structure and style, while also introducing research and documentation methods. Course reading and writing assignments may be thematically organized. Sections of this course are S-designed Service-Learning classes. Sections of this course are H-designated Honors classes.

Prerequisite: ENGL 0190, minimum grade of "C" or Accuplacer writing score of 66-99

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS by Columbus State Community College.

10002D ENGLISH 2367 CSCC COMPOSITION II

ENGL 2367 is an intermediate composition course that extends and refines skills in expository and argumentative writing, critical reading, and critical thinking. This course also refines skills in researching a topic, documenting sources, and working collaboratively. Course reading and writing assignments are organized around the diversity of those who comprise their identities. Sections of this course are S-designated Service-Learning classes. Sections of this course are H-designated Honors classes.

Prerequisite: ENGL 1100, minimum grade of "C"

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS by Columbus State Community College.

10015D ENG 3120 OCU MULTICULTURAL LITERATURE

A survey of multicultural literature, including literature by or about minorities, and literature from nonwestern countries. Literature is examined according to its general literary value and the cultural perspective of the writer.

Prerequisite: Accuplacer writing score.

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS by Ohio Christian University.

10006D COMM 2000 OCU BASIC ORAL COMMUNICATION

The principles of speech composition, outlining, and delivery are discussed. There is practice in preparing and presenting short informative, persuasive, and demonstrated speeches.

Prerequisite: Meeting Accuplacer placement requirements by the college

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS by Ohio Christian University.

10008D SOC 1020 OCU INTRODUCTION TO SOCIOLOGY

Interrelationships and group activity are focused upon, including dyadic groups, primary groups, secondary groups, institutions, and society.

Prerequisite: Accuplacer Reading scores based on college requirements

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS through Ohio Christian University.

10007D POLS 2100 OCU INTRO. TO GOVERNMENT

A study of Western Civilization from the Ancient Age through Medieval Age with a focus on the development of societies, ideas, politics, and people.

Prerequisite: Accuplacer Reading scores based on college requirements

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS through Ohio Christian University.

10004D PSY 1020 OCU GENERAL PSYCHOLOGY

A comprehensive survey of the field of psychology including a Christian perspective. Emphasis will be placed on theories of psychology and how you can apply what you have learned as a result of an appropriate understanding of a particular psychological foundation.

Prerequisite: Accuplacer Reading scores based on college requirements

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS through Ohio Christian University.

10014D PSY 3010 OCU LIFESPAN PSYCHOLOGY

A holistic study of the individual in the total span of life from birth through senior adulthood as a foundation for understanding human development, including the process of human growth and development, the needs in the major life stages and the biblical perspective of human development.

Prerequisite: Accuplacer Reading scores based on college requirements

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS through Ohio Christian University.

10003D PHIL 1130 CSCC ETHICS

This course introduces students to moral reasoning, examining theories of right and wrong, good and bad, justice and injustice as they have been viewed in the past and as they shed light on contemporary ethical issues. PHIL 1130 meets elective requirements in the Associate of Arts and Associate of Science Degree programs and distributive transfer requirements in philosophy and humanities.

Prerequisite: Accuplacer Writing scores based on college requirements

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is taught at TVHS through Columbus State Community College.

10005D CHEMISTRY 1111 CSCC ELEMENTARY CHEMISTRY

This is an introductory course in fundamental chemical concepts and laboratory techniques. Topics include atomic structure, periodic classification of elements, stoichiometry, solutions, acids and bases, pH and buffers, the gas laws, chemical equilibrium, and nuclear chemistry. Safety training and goggles are required for laboratory sessions. Students enrolled in distance versions of this course will be required to come to campus for an orientation meeting and completion of certain exams and laboratories.

Prerequisite: ACT of 22 in Math and Science or placement of MATH 1020
or higher and placement into ENGL 1100 or higher and
high school science

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is offered at TVHS through Columbus State Community College.

141001D HIMT 1121 & 1174 CSCC MEDICAL TERMINOLOGY/CODING

Advanced Medical Terminology (MT) provides an in-depth study of medical language. Students in MT learn the basic principles for understanding the language emphasizing terms that are practical and commonly found in the day-to-day work of all allied health professions in many areas of medicine. Intro to Medical and Reimbursement provides an overview of the process of medical coding, the system that converts patient medical information to alphanumeric codes. Dual credit will be provided for HIMT 1121 and HIMT 1274 at CSCC.

Prerequisite: Must meet all CCP requirements

Grade: 9,10,11,12

Credit: 1.0/Semester (3 college semester hours)

*This course is taught at TVHS through Columbus State Community College.

10019D MATH 1148 CSCC COLLEGE ALGEBRA

This course is a continuation of the study of functions. The concept of transformations is used to graph and analyze functions including quadratic, higher degree polynomial, power, piecewise, rational, exponential, and logarithmic functions. The function concept is applied to solving equations, inequalities, and applications regarding these types of functions. Factor and remainder theorems and roots of polynomial functions are included. The concept of functions is extended to include composition of functions and inverse functions. Systems of linear and non-linear equations are solved using algebraic and graphical methods. Trigonometric functions of right angles are defined and used in problem solving. This course meets the general education requirement for the AA degree.

Prerequisite: Required accuplacer scores from the college.

Grade: 9,10,11,12

Credit: 1.0/Year (4 college semester hours)

*This course is taught at TVHS through Columbus State Community College.

10021D HIST 1152 CSCC AMERICAN HISTORY

This course covers a wide range of topics in modern American history from reconstruction to the present time. It is an introduction to the study of history and the political, economic, intellectual, and social themes that have shaped our present society.

Prerequisite: Placement into English 1100

Grade: 9,10,11,12

Credit: 1:0/Semester (3 college semester hours)

*This course is taught at TVHS through Columbus State Community College.

10022D ANTH 2202 CSCC PEOPLES & CULTURE

This course focuses on understanding cultural diversity, using research techniques such as participant observation to explore the lifeways of groups. Topics include cross-cultural treatments of social systems, general theories of cultural interpretation, and change in a broad geographical context. Students apply concepts and complete a "mini-project" using anthropological research techniques.

Prerequisite: Placement into English 1100

Grade: 9,10,11,12

Credit: 1:0/Semester (3 college semester hours)

*This course is taught at TVHS through Columbus State Community College.

Agricultural Education Pathway

120201 AG, FOOD & NATURAL RESOURCES

Students will be introduced to plant and animal sciences, natural resources, food science, and basic woodworking skills. Students will also learn leadership and communication skills. Students are required to participate in FFA.

Grade: 9,10,11,12

Credit: 1.25/Year

Fee: \$20

120202 AGRONOMIC SYSTEMS

Students will receive more concentrated instruction on plant and soil science and continue in shop based instruction. Students will also calibrate agricultural equipment and utilize the school farm and learning lab. Students are required to participate in FFA.

Prerequisite: AFNR or Instructor Permission

Grade: 10,11,12

Credit: 1.25/Year

Fee: \$20

120207 MECHANICAL PRINCIPLES

Students will focus on shop and lab skills that pertain to small engines, welding, hydraulics, and electrical wiring. This class is primarily a hands-on, shop based class. Students are required to participate in FFA.

Prerequisite: Previous AG class or Instructor Permission

Grade: 11,12

Credit: 1.25/Year

Fee: \$30

120209 BUSINESS MANAGEMENT FOR AGRICULTURE

Prerequisite: Previous AG class or Instructor Permission

Students will learn principles of business management, including business finance, marketing, and entrepreneurship skills. Students will also study successful ag business and complete a capstone project. Students are required to participate in FFA.5

Prerequisite: Previous AG class or Instructor Permission

Grade: 12

Credit: 1.25/Year

Fee: \$20

Engineering Pathway

123000 INTRO. TO ENGINEERING DESIGN

This major focus of Introduction to Engineering Design is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.

Grade: 9,10,11,12

Credit: 1.0/Year

123001 ENGINEERING PRINCIPLES

Through problems that engage and challenge, students will use VEX robotics equipment while exploring a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students will develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Prerequisite: Intro. to Engineering Design

Grade: 10,11,12

Credit: 1.0/Year

123002 DIGITAL ELECTRONICS

From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

Prerequisite: Intro. to Engineering Design and Engineering Principles

Grade: 10,11,12

Credit: 1.0/Year

140012 AEROSPACE ENGINEERING

This Project Lead the Way course explores the evolution of flight, flight fundamentals, navigation and control, aerospace materials, propulsion, space travel, orbital mechanics, ergonomics, remotely operated systems and related careers. In addition, the course presents alternative applications for aerospace engineering concepts. Utilizing the (APPA) teaching and learning pedagogy, students will analyze, design, and build aerospace systems. While implanting these designs, students will continually hone their interpersonal skills, creativity, and application of the design process.

Prerequisite: Engineering Principles

Grade: 11,12

Credit: 1.0/Year

Fee: \$20

Biomedical Pathway

141000 PRINCIPLES OF BIOMEDICAL SCIENCE

Project Lead the Way courses use activity, project, and problem based curricula to allow high school students to apply what they know, identify problems, find unique solutions and lead their own learning. Principles of Biomedical Science (PBS) is the first class in a progression of concepts of human medicine, physiology, genetics, microbiology and public health. Students in PBS explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. PBS is an advanced science; it does not count toward the life science credit.

Prerequisite: Must be currently enrolled in Biology or successfully completed Biology
Grade: 9,10,11,12
Credit: 1.0/Year
Fee: \$20

140011 HUMAN BODY SYSTEMS

Students examine the interactions of human body systems as they explore identity, power, movement, protection and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Prerequisite: Successful completion of Principles of Biomedical Science
Grade: 10,11,12
Credit: 1.0/Year
Fee: \$20

140014 MEDICAL INTERVENTIONS

Medical Interventions (MI) is the 3rd course in the Project Lead the Way (PLTW) Biomed Pathway. In this course, students investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students in MI explore how to detect and fight infection: screen and evaluate the code in human DNA: evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics.

Prerequisite: Successful completion of Human Body Systems grade "C" or above
Grade: 10,11,12
Credit: 1.00/Year
Fee: \$20

140015 BIOMEDICAL INNOVATION

Biomedical Innovations (BI) is the 4th year of the Project Lead the Way (PLTW) Biomed pathway. In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.

Prerequisite: Successful completion of Medical Interventions with a grade "C" or above
Grade: 11,12
Credit: 1.0/Semester
Fee: \$20

141001 MEDICAL TERMINOLOGY & CODING

Medical Terminology (MT) provides an overview of medical language. Students in MT learn the basic principles for understanding the language emphasizing terms that are practical and commonly found in the day-to-day work of all allied health professions in many areas of medicine. Though facilitated by a secondary science teacher, the course is highly self-directed. Students will need to enroll in Columbus State Community College (CSCC) to participate. Dual credit will be provided for MULT 1100 at CSCC.

Prerequisite: Must meet all CCP requirements
Grade: 9,10,11,12
Credit: .50/Semester

Global Scholars Program

130010 Global Issues

This course is one of political and economic systems. It is focused on the most current critical issues facing world policy makers. Students will work towards a better understanding of community involvement and civic participation. This class requires students to explore 8-9 relevant topics through reading, activities, discussion and research. This class is open to any student but Global Scholars students must take this course 3 times while in the program.

Grade: 9,10,11,12

Credit: 1.0/Year

Each year in the 3 year program includes enrollment in the following:

1. Attend required Columbus Council of World Affairs field trips/virtual events or complete required coursework
2. Take a Global Scholars Diploma approved elective course (courses must have a technology, business or global theme).

GSD Electives:

Ag. Food and Natural Resources

Honors World History

TVDA World Leaders

Band

Marketing Principles

Agronomic System

Sociology

CCP Ethics

Choir

Mechanical Principles

Bus. Management for Ag.

TVDA Economics

Engineering

Principles of Biomed.

3. Take Global Issues for three years (the course is offered each semester)
4. Take a World Language course
5. Enroll in a service organization, language club, or career tech/student organization

Service Electives:

Key Club

SkillsUSA

Vikings for Veterans

World Language Club

DECA

F.O.R. Club

F.F.A.

At the end of the program, cords are given for graduation from TVHS, with an extra color for an honors distinction, and Columbus Council of World Affairs will provide a seal of distinction. The CCWA partners with local businesses for preferential hiring.

Career Based Intervention (CBI)

25000S CAREER BASED INTERVENTION

The Career Based Intervention or CBI class, is an opportunity for students to work in a field of their choice while also taking classes. They place themselves, with the approval of the teacher, in a work environment that will suit their future needs. Depending on the student's class load for the year, students may get out of school as early as 10:30 and as late as 2:15 to attend work for the remainder of the day/evening. Students must be 16 years old and be able to provide transportation to and from school and work. The CBI class goes over work and life related issues.

Prerequisite: Must be 16 years of age

Grade: 11,12

Credit: 1.0/year

25001S CAREER BASED INTERVENTION WORK

The Career Based Intervention or CBI work portion of the program is based on the students' hours of employment. It is worth up to 3 additional credits (150 documented work hours = 1 credit).

Grade: 11,12

Credit: Up to 3 (150 documented hours = 1 credit)

Course Fees

Course Name	Fee Amount
Advanced Art & Design 1	\$25
Advanced Art & Design 2	\$25
Aerospace Engineering	\$20
Ag Food & Natural Resources	\$20
Agronomic Systems	\$20
Anat. & Physiology I	\$25
Anat. & Physiology II	\$25
AP English 11	\$97
AP English 12	\$97
AP Stats	\$97
Art Appreciation I	\$25
Art Appreciation II	\$25
Art Foundations I	\$25
Art Foundations II	\$25
Biology	\$20
Biomedical Innovation	\$20
Botany	\$20
Bus. Foundations	\$24
Bus. Marketing	\$24
Bus. Management for Ag.	\$20
Ceramics & Sculpture 1	\$25
Ceramics & Sculpture 2	\$25
Chemistry	\$20
Choir (All)	\$15
DECA	\$24
Digital Art & Drawing 1	\$25
Digital Art & Drawing 2	\$25
Drawing & Painting 1	\$25
Drawing & Painting 2	\$25
Environmental Science	\$20
FFA	\$15
Global Issues	\$25
Honors Chemistry I	\$20
Honors Chemistry II	\$20
Honors Biology	\$20
Honors Physics	\$20
Human Body Systems	\$20
IT Essentials	\$17.50
Mechanical Principles	\$30
Physical Science	\$20
Physics	\$20
Principles of Biomedical Science	\$20
Programming	\$17.50
Sports Management & Entertainment	\$25
Zoology	\$20

Teays Valley Digital Academy (TVDA)

TVDA is an alternative educational option utilizing 100% online curriculum and local staff support for students seeking a non-traditional learning experience. TVDA can be utilized for credit recovery, educational advancement or other extenuating circumstances. Please contact your counselor or Josh McDanel for additional information. Josh McDanel: 740.983.5002 or jmcdanel@tvsd.us

ENGLISH

ENGLISH 9

(English 9A - 1/2 & English 9B - 1/2)

This is a freshman level English course which will encompass various types of literature, writing, grammar, speaking, presentations, and vocabulary. The students of this course will be held to high expectations for mastery of the ELA Common Core standards in each of the areas listed above. Students will invest in their own learning through various goal setting and reflection activities throughout the course. I am looking forward to getting to know each and every student and helping them to further develop their English skills so that they are fully prepared for life after high school.

Grade: 9

Credit: 1.0/Class Completion

ENGLISH 10

(English 10A - 1/2 & English 10B - 1/2)

English 10 will introduce students to novels focusing on the human experience within the context of historical oppression. Julius Caesar, Adventures of Huckleberry Finn, and Night deal with characters who must grapple with oppression and injustice. The class will also focus on argument writing and using textual evidence to support those positions. The units will focus on narrative craft, informational texts, argument, rhetoric, poetry, and drama.

Grade: 10

Credit: 1.0/Class Completion

ENGLISH 11

(English 11A - 1/2 & English 11B - 1/2)

This course covers American literature with a strong emphasis on composition, as you will have several essays to complete during this course. You will be reading poems and short stories from the 1800s to now, as well as major works such as The Great Gatsby and The Crucible.

Grade: 11

Credit: 1.0/Class Completion

ENGLISH 12

(Eng. 12A - 1/2 & Eng. 12B - 1/2)

The purpose of this class is to prepare you for college and/or your future career. You will read various works of literature written by British authors ranging from The Middle Ages to The Post-Modern Era. Major and possibly familiar works covered include Beowulf, The Canterbury Tales, Frankenstein, and The Importance of Being Earnest. You will also be reading the American novels of The Fault in Our Stars and Tuesdays with Morrie. You will also be expected to complete a major research paper.

Grade: 12

Credit: 1.0/Class Completion

BIBLE LIT. 1

In this course, you will become familiar with the content and themes of The Bible. You will gain an overview of the Scriptures, with special emphasis on the literary aspects of the Old Testament. This course does not emphasize any particular religion or denomination. This course does acknowledge the importance of the Bible in our culture. This English course consists of projects, tests/quizzes, and minor writing assignments.

Grade: 9,10,11,12

Credit: .50/Class Completion

SOCIAL STUDIES

MODERN WORLD HISTORY

(MW History A - 1/2 & MW History B - 1/2)

This course covers the time period of 1750 to the present and begins with the Enlightenment through the 20th century. Students will be expected to learn how to detect bias and propaganda in primary and secondary sources of information. They will develop and present a research project and be able to explain how various systems of governments acquire, use, and justify their power. Students will also complete several current events.

Grade: 9

Credit: 1.0/Class Completion

UNITED STATES HISTORY

(US History A - 1/2 & US History B - 1/2)

This course covers the time period of 1877 to the present. The assignments will start with Post-Reconstruction and it ends with the events of the 21st century. Students will develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. Students will analyze primary sources, research current events, and write a research paper.

Grade: 10

Credit: 1.0/Class Completion

AMERICAN GOVERNMENT

credits: 1 (Government A - 1/2 & Government B - 1/2) grade offered:11

This course is one of the political & economic systems. We are going to explore the purposes and processes of these systems at the local, state, national and international level. One of our goals is to better understand that people create systems of government as structures of power and authority to provide order, maintain stability, and promote general welfare. You, as students, will work toward a better understanding of community involvement and civic participation. Let's get you prepared for citizenship!

Grade: 11

Credit: 1.0/Class Completion

WORLD LEADERS SPEAK

This course focuses on famous speeches and the historical context surrounding each. In this course, you will learn to critically analyze speeches using various tools and research.

Grade: 9,10,11,12

Credit: .50/Class Completion

SOCIOLOGY 1

Sociology is an advanced course designed for college-bound students with a focus on the study of people and society, including social patterns and human behavior. This course will stress the broad social forces that shape the attitudes and actions of individuals. Students will study the ever-changing roles of groups, relationships, institutional influence and prejudice in a changing society. There will be a comparison of group and individual impact on culture, family, and institutions that form the fabric of today's societies. Topics which will be covered include Culture, cultural norm, changes, values, social control, deviant behavior, crime, and punishment.

Grade: 11,12

Credit: .50/Class Completion

SOCIOLOGY 2

Building on knowledge gained in Sociology I, this course will continue the study of the societal structure and cultural influences on human behavior. Students will apply sociological theories and concepts to society's present-day problems. The class will revolve around collaborative discussion, activities, role-playing, debate, research, and experimentation/projects. Topics which will be covered include social stratification and poverty, race and ethnic relations, social roles including that of gender equality, gender stratification, family and religion, education, and the extremes of wealth and poverty in an interdependent globalized society.

Grade: 11,12

Credit: .50/Class Completion

BEGINNING PSYCHOLOGY

This college preparatory course is designed to help students understand the human mind and behavior through discussion, research, collaboration, and simulations. Topics covered in class include: research methods, conditioning (learning), language, thinking, memory, addiction, and development.

Grade: 9,10,11,12

Credit: .50/Class Completion

ADVANCED PSYCHOLOGY

This advanced course builds on the knowledge gained in Beginning Psychology. It is designed to help students understand the human mind and behavior through inquiry, research projects and collaborative learning activities. Topics covered in class include: personality, the brain, perception, motivation, psychological disorders and treatment, sleep and dreams, emotion, stress, intelligence, and health.

Grade: 9,10,11,12

Credit: .50/Class Completion

WORLD GEOGRAPHY

World Geography will allow for a student to explore the world through terrain, society, cultures, and other means to better understand the world we live in. This does not just include land, lakes, rivers, oceans, and how to read topographic maps- it also includes some of the cultures of people who live in those places. The class will end with a project that involves planning a vacation to somewhere around the world and having to describe that part of the world geographically and to plan vacation activities while there.

Grade: 9,10,11,12

Credit: .50/Class Completion

SCIENCE

PHYSICAL SCIENCE

(Physical Sci. A - 1/2 & Physical Sci. B - 1/2)

Physical science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced scientific disciplines. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy, and motion. A unified understanding of phenomena in physical, living, Earth and space systems is the culmination of all previously learned concepts related to chemistry, physics, and Earth and space science, along with historical perspective and mathematical reasoning.

Grade: 9

Credit: 1.0/Class Completion

BIOLOGY

(Biology A - 1/2 & Biology B - 1/2)

Biology investigates the composition, diversity, complexity, and interconnectedness of life on Earth. Fundamental concepts of cellular biology, heredity, and evolution provide a framework through inquiry-based instruction to explore the living world and its impact on the environment. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications. This course will offer more individualized attention to students who need help with fundamentals.

Grade: 10

Credit: 1.0/Class Completion

ENVIRONMENTAL SCIENCE

(Env. Sci. A - 1/2 & Env. Sci. B - 1/2)

This course is one of the political & economic systems. We are going to explore the purposes and processes of these systems at the local, state, national and international level. One of our goals is to better understand that people create systems of government as structures of power and authority to provide order, maintain stability, and promote general welfare. You, as students, will work toward a better understanding of community involvement and civic participation. Let's get you prepared for citizenship!

Grade: 11

Credit: 1.0/Class Completion

ANATOMY & PHYSIOLOGY 1

Anatomy and Physiology is a challenging, fast-paced course. Students will study the systems of the body as well as related nomenclature. Anatomy and Physiology 1 will include in-depth orientation to the organization of the human body, hands-on investigations of the tissues and skin of the human body, as well as detailed study of the skeletal and muscular systems.

Grade: 9,10,11,12

Credit: .50/Class Completion

ANATOMY & PHYSIOLOGY 2

This course includes in-depth study of the nervous, cardiovascular, digestive, urinary, and reproductive systems.

Prerequisite: Anatomy & Physiology 1

Grade: 9,10,11,12

Credit: .50/Class Completion

MATH

ALGEBRA 1

(Algebra 1A - 1/2 & Algebra 1B - 1/2)

This course introduces solving equations, factoring, graphing, operations with polynomials, solving graphing and analyzing linear functions, equations, and inequalities. Also studied are operations with rational numbers, including a study of probability and statistics, geometry, and trigonometry. This course will offer more individualized attention to students who need help with fundamentals.

Grade: 9

Credit: 1.0/Class Completion

GEOMETRY

(Geometry A - 1/2 & Geometry B - 1/2)

Students will develop the theorems and techniques of modern, plane, and solid geometry. This course focuses on more applications and attention to the core topics of Geometry. This course will offer more individualized attention to students who need help with fundamentals.

Grade: 10

Credit: .50/Class Completion

ALGEBRA 2

(Algebra 2A - 1/2 & Algebra 2B - 1/2)

This course includes a review of Algebra 1 and extension into topics of complex numbers, quadratic, and higher-degree equations, linear, and nonlinear systems, matrices, and analytical geometry. This course will offer more individualized attention to students who need help with fundamentals.

Grade: 11

Credit: 1.0/Class Completion

BASIC MATH

(Basic Math A - 1/2 & Basic Math B -1/2)

This class will review the operations of arithmetic on whole numbers, fractions, and decimals. These operations will be used in dealing with ratio, proportions, percent, simple geometry and algebra.

Students will be expected to understand operations with integers, rational numbers, irrational, and real numbers; the use of variables; properties of numbers and of equality; solving equations and inequalities; problem-solving; and relations and functions.

Grade: 9,10,11,12

Credit: .50/Class Completion

STATS

(Stats A - 1/2 & Stats B - 1/2)

This course is designed to encourage student awareness of the importance of mathematics in the modern world. This course is an introduction to the study of probability, interpretation of data, and fundamental statistical problem-solving. The course will cover basic statistical concepts that will prepare the student to take a college-level statistics course in the future. Students will explore and analyze data by observing patterns or the absence of patterns, interpret information from graphical and tabular displays, apply appropriate statistical models to infer information from data, and learn to use technology in solving statistical problems.

Grade: 9,10,11,12

Credit: .50/Class Completion

FINANCIAL ALGEBRA

(Fin. Alg. A -1/2 & Fin. Alg. B -1/2)

This course is an application-rich, algebra-based, technology-oriented course that extends the students' knowledge of number and quantity, algebra, functions, and statistics and probability beyond what is learned in Algebra 2. The course includes banking, investing, credit, employment and income, taxes, automobile ownership, independent living, and retirement planning and household budgeting.

Throughout the course, students will perform operations on matrices, solve systems of equations, find patterns and represent information graphically. Finally, students will use a variety of problem-solving skills and strategies in real-world contexts, make sense of problems using reasoning skills, persevere in solving them, and use data to support their findings.

Grade: 9,10,11,12

Credit: .50/Class Completion

BUSINESS

INFO TECH

This course is designed to apply skills students will learn in Google Applications (docs, spreadsheets, slides & draw), file management and digital citizenship. The course focuses on the development of 21st-Century Skills-creativity, collaboration, critical thinking, and communication through group-based projects. Content focuses on career exploration, developing an electronic resume, goal-setting, and creation of multimedia projects.

Grade: 9,10,11,12

Credit: .50/Class Completion

PERSONAL FINANCE

Learning how to manage your money is one of the most important skills you can have. Why? Because your financial decisions will have long term consequences, either good or bad. This course will give you the tools and knowledge that will help you win with money right from the start. In this course we will take a look at saving money, ways to stay out of debt, how to develop a budget, investing and insurance and planning for your retirement. When it comes to your financial future, we want you to aim high and dream big!

Grade: 9,10,11,12

Credit: .50/Class Completion

ADVANCED CAREER EXPLORATION

The Advanced Career Exploration course is a course that will allow juniors and seniors the opportunity to work with non or more sponsors in a career field or career fields of interest. The purpose of the course is to allow juniors and seniors the opportunity to: gain a better understanding of the real world of work, gain a better understanding of various career fields in order to plan post-secondary options, expand their network and build workplace skills for future success. See your school counselor for additional information. This course may be repeated.

Grade: 11,12

Credit: .25/Class Completion

Visual Arts

ART 1

Art 1 is a course that gives students the opportunity to try different kinds of media, styles, and ideas in art while improving their skills and confidence. Students will study drawing and painting techniques as well as color theory, design, and art history.

Grade: 9,10,11,12

Credit: .50/Class Completion

ART 2

Art 2 builds on the skills in Art 1 and provides the opportunity for students to have more in-depth training and experience in drawing and painting; building on their knowledge of color theory and design. Appreciation for the history and development of these areas of art is enhanced by research and personal discovery. Students will also be introduced to basic sculpture/ceramic methods and gain competence in a variety of tools and materials.

Prerequisite: Art I

Grade: 9,10,11,12

Credit: .50/Class Completion

HEALTH/PHYSICAL EDUCATION

HEALTH

This course covers the basic concepts of personal health. Topics covered are basic health skills, drugs, addiction, physical activity, nutrition, and eating disorders. Students will take quizzes, tests, write research papers and do projects in this course.

Grade: 9,10,11,12

Credit: .50/Class Completion

PHYSICAL EDUCATION

This course covers different types of sports, and how fitness relates to performance. You are required to do 10 different informational packets on different sports, write a research paper on fitness, create a physical activities project, write a research paper on 2 sports of your choosing, and do some fitness testing.

Grade: 9,10,11,12

Credit: .50/Class Completion