

TWIN VALLEY SOUTH HIGH SCHOOL



Course Description Guide 2022-23

This booklet has been prepared to provide students and their parents with some basic information about the academic program at Twin Valley South High School.

The information provided includes the basic facts that will help students plan their high school program of studies. Students should discuss their plans with parents and teachers to seek advice when preparing to register for high school courses.

COURSE DESCRIPTIONS

This handbook contains brief descriptions of the courses offered for the 2022-2023 school year at Twin Valley South High School. These descriptions should be of considerable assistance in planning students' high school program of studies. These descriptions outline the content and goals of the courses and include other details such as prerequisites, the credit value of the course, and length of courses.

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**TWIN VALLEY SOUTH GRADUATION REQUIREMENTS
GRADUATION REQUIREMENTS (OHIO CORE CURRICULUM)
CLASSES OF 2023, 2024, 2025, 2026**

Course	Credits	Additional Information
English	4	
Mathematics	4	Must include one unit of Algebra II
Science**	3	Must include one unit of a Physical science, one unit of a Life science, and one science elective
Social Studies**	3	Must include World History, American History, and American Government
Health	.5	
Physical Education	.5	
Electives	6	Must include one or any combination of world language, fine arts, business, family and consumer sciences, technology, or English language arts, mathematics, science or social studies courses not otherwise required
Integrated Unit*	1	
Total	22	
Fine Arts		Must meet Ohio Core Curriculum requirement*
Financial Literacy		Must meet Ohio Core Curriculum requirement*

**Only three credits are required, but four credits are recommended for students who plan to enroll in any college program after high school

INTEGRATED UNIT

* Integrated Unit classes for the class of 2023 and beyond include Personal/Business Accounting, Wood Technology I & II, Basic Electronics and Robotics, Engineering and Design, STEM Tech, Home and Auto Maintenance, Manufacturing Skills Standards Credential, CAD I,II, Art, Spanish, Band, Comp Application, Media Tech, Tech Design, Global Foods , Food Science, Textile Design-Construction and Maintenance, Child Development, Agriculture I, Ag. Business Management, Greenhouse & Nursery Management, Ag. Ed. Capstone, CBI Related

FINANCIAL LITERACY

Beginning with the class of 2026, students will be required to have .5 credits of Financial Literacy. This does not increase the total credits needed from 22. Twin Valley South High School has added an additional graduation requirement, and students will take and pass a standalone financial literacy course for a half credit that can meet a graduation requirement as an elective.

The financial literacy standards for high school reflect the financial knowledge and skills all students need as they pursue college, careers or enlist in the military.

SPECIAL CONSIDERATIONS

**STATE OF OHIO—GRADUATION PATHWAYS
CLASSES OF 2023 AND BEYOND**

Ohio’s State Tests	Students earn a passing score of 684 on the Algebra I and ELA II end of course exams. You will retake these at least once if you are not competent.
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OR

Show Competency	<p>Option 1: Student demonstrates two career-focused activities, at least one of which is Foundational Foundational – proficient scores on WebXams; 12-point industry credential; pre-apprenticeship or acceptance into an approved apprenticeship program Supporting – work-based learning; earn required score on WorkKeys; earn the OhioMeansJobs readiness seal</p> <p>Option 2: Student enlists in the military-show evidence that you have signed a contract to enter a branch of the U.S. Armed Services upon graduation.</p> <p>Option 3: Student completes college coursework-earn credit for one college-level math and/or college-level English course through Ohio’s free College Credit Plus program.</p>
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Once a student meets the credit and competency requirements, they must attain two diploma seals. At least one of the two needs to be an Ohio defined Seal. These Seals are listed below .

Show readiness	<p>Student earns two of the following diploma seals, at least one of which must be Ohio-designed OhioMeansJobs Readiness Seal (Ohio) Industry-Recognized Credential Seal (Ohio) Military Enlistment Seal (Ohio) College-Ready Seal Technology Seal (Ohio) Citizenship Seal (Ohio) Seal of Biliteracy (Ohio) Honors Diploma Seal (Ohio) Science Seal (Ohio) Community Service Seal (Local) Fine and Performing Arts Seal (Local) Student Engagement Seal (Local)</p>
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Students in grades 9, 10, 11, 12 will take State Performance Based Assessments and End of Course exams as a graduation requirement.

GENERAL CONSIDERATIONS

- Partial credit for courses will only be granted by the High School Principal under extenuating circumstances.
- College Credit Plus (CCP) Enrollment Option Ohio's College Credit Plus (CCP) can help you earn college and high school credits at the same time by taking college courses from colleges and/or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Seventh through twelfth graders are eligible to participate in the CCP Enrollment Option programs. Students must indicate intent to participate every year, and they, along with their parents, must attend a mandatory informational meeting to be held in the spring of the year. TVS has entered into an agreement with Edison Community College for the 2022-23 school year. For more information see your counselor.
- The following courses will be offered every other year:
 - Anatomy and CP Environmental Science
 - AP Physics / AP Chemistry
- For the Honors Diploma: the last grading period of the senior year will include all of the senior year, utilizing the final GPA.
- High School Classes TAKEN PRIOR TO THE 9TH GRADE will count toward college requirements at most colleges. Check with your college to ensure their acceptance. However, college preparation classes taken prior to ninth grade may or may not count toward requirements for the Honors Diploma or the NCAA Clearinghouse Core Requirements. Please note: Students who take college prep classes prior to the ninth grade may need to take more than the minimum number of courses to qualify for Honors Diploma, NCAA Clearinghouse, some colleges, and possibly graduation. Check with the High School principal or the school counselor if you have a question.
- Students are permitted to earn only 1.0 credits in PE (4 semesters), including Advanced PE.
- Fine Arts requirements for colleges may be met through Art, Band, or Choir.

COLLEGE PREPARATORY RECOMMENDATIONS (MINIMUM) CLASSES OF 2023 AND BEYOND

Course	Credits	Additional Information
English	4	
Mathematics	4	Minimally Algebra I, II, and Geometry
Science	3	Must include one unit of Physical science and one unit of Life science. Only three credits are required, but <u>four credits are recommended</u> for students who plan to enroll in any college program after high school
Social Studies	3	Must include World History, American History, and American Government Only three credits are required, but four credits are recommended for students who plan to enroll in any college program after high school
Health	.5	
Physical Education	.5	
Foreign Language	2	Credits should be from the same language.
Electives	4	Must include one or any combination of world language, fine arts, business, family and consumer sciences, technology, or English language arts, mathematics, science or social studies courses not otherwise required.
Fine Arts	1	Must meet Ohio Core Curriculum requirement*
Total	22	

The following courses will qualify for credit:

Science	Biology	Chemistry I	Chemistry II	Physics	Anatomy & Physiology	Environmental Science	
Mathematics	Functions Trigonometry	Calculus/AP	Algebra II	Pre Calculus	Geometry	Statistics	College Math
Social Studies	World History	American History	American Government	World Events	Global Issues		
English	English 9	English 10	Creative Writing	British Literature	American Literature		
Art	Art I	Art II	Art II	Art IV			
Foreign Language	Spanish I	Spanish II	Spanish III	Spanish IV			

SPECIAL CONSIDERATIONS FOR MVCTC

- **Students who intend to enroll at MVCTC should make every attempt to earn 2 English credits, 2 Social Studies credits, 2 Math credits, 2 Science credits, .5 Health credit, .5 Physical Education credit, and 1 Integrated Art credit during their ninth and tenth grade years prior to applying to MVCTC.** Students having deficiencies in any of these areas will be required to complete the necessary courses prior to graduating through summer school, correspondence school, or additional course work at MVCTC. These requirements may change pending MVCTC changes in schedules, courses, or requirements.
- One of the English credits for MVCTC students may include the CTC communications course.
- Credit may be obtained for an Integrated Unit through MVCTC programs concentrating in those areas. Contact the TVS principal or guidance counselor if the Integrated Units are in question.
- MVCTC students who desire to return to TVS may do so only during the following periods:
 - 1). The designated date in the second week of school;
 - 2). The end of the CTC first semester;
 - 3). The end of the school year. This procedure must be initiated with the CTC counselor. The TVS principal reserves the right to allow/disallow transfers until the end of the school year
- Students following a career-technical pathway are exempted from the fine arts graduation requirement.

CLASSIFICATION OF STUDENTS

CLASSIFICATION OF STUDENTS	2023, 2024, 2025 and 2026
Freshman Class standing	Successful Completion of 8th Grade
Sophomore Class standing	5 credit earned
Junior Class standing	10 credits earned
Senior Class standing	15 credits earned

Students will remain in their class standing until the end of the school year except for students who are trying to graduate. Those students will be moved up at the beginning of the 2nd semester.

HONOR ROLL

HONOR ROLL	
High Honors	3.6-4.0
Honors	3.30-3.59

Each grading period, students who achieve certain academic levels will be recognized for their success.

A student must meet all requirements of the school district and teacher before any course of study can be considered passed. The following system must be used in determining the student's grade.

GRADING SCALE

GRADING SCALE		
4.00	A	90-100
3.00	B	80-89
2.00	C	70-79
1.00	D	60-69
0.00	F	0-59

VALEDICTORIAN AND SALUTATORIAN REQUIREMENTS

Calculations to determine valedictorian and salutatorian occur at the completion of the fourth quarter grading period of their graduation year. The Valedictorian and Salutatorian will be officially named once grades and final grade calculations have been entered by the teaching staff. The Valedictorian and Salutatorian will be selected utilizing a student's grade point average (GPA). The student with the highest GPA and has taken at least one advanced class will be named valedictorian of their class. The student with the second highest GPA will be named the salutatorian of their class. If there is more than one valedictorian, no salutatorian will be named.

SCHEDULE REVISIONS

Students must indicate alternative course selections on their registration sheet. These will be used to fill the student's schedule if the initial course is unavailable. Courses which are not available, and have no alternative course listed by the student, will be replaced with an available course at the Principal's discretion.

1. All requests for schedule changes must be submitted by the student within the first week of a course to avoid academic penalty. Classes dropped after the first week, for reasons other than academic misplacement or medical, will result in the student receiving an "F" for that class.
2. A student may request a schedule change if:
 - a. his/her original or alternate course requests were not scheduled correctly by the computer.
 - b. he/she took and passed the course in the past or through summer school or correspondence school
 - c. a different course is needed in order to meet state and/or local requirements for graduation or college/CTC requirements
 - d. the class is not deemed necessary to meet the student's academic/career goals
 - by the guidance counselor, principal, teacher, students, and parents.

All schedule changes will be considered on the basis of class availability.

3. In order to initiate a schedule change due to a student being misplaced academically students, parents, and teachers must agree to the change. The student may then change the academic level (advanced/general) of a class, or be removed from

the class, without penalty. Level changes may occur throughout the semester. Removal from a class which does not offer an alternative academic level may result in the student being required to complete an administrator approved “contract of assignments” to fulfill requirements needed for entering a replacement class. A determination of “misplaced academically” will be considered only if the student’s academic progress indicates the student’s ability level will result in a “D” or lower for that class.

4. The following general guidelines are in effect:

- All students will be scheduled for six periods. Exceptions may be granted for students in approved work programs, i.e. CBI, work study, Vo-Ag co-op or CCP.
- Students who want to maintain athletic eligibility must be scheduled in and pass classes equivalent to a minimum of 5 solids and have at least a 1.5 GPA. Change of schedules and/or the deleting of a course may cause a student to drop under the minimum requirements.
- No student may carry two courses in the same required subject area without the permission of the High School principal.
- No student may have more than one study hall per day.
- Incompletes must be made up within 2 weeks of the grading period.
- Schedule revisions based on medical conditions require a physician note.
- Repeating a course that has been passed is permitted with administrative and parental permission. The higher grade will be entered for GPA averaging; however credit for the course will be granted only once.

CREDIT RECOVERY

Credit Recovery courses may be applied toward graduation provided:

- Prior authorization to enroll in the course has been given by the high school principal or designee.
- No subject required for graduation and if the student has previously failed that class or approved due to scheduling conflicts.
- A maximum of six units of credit may be applied toward the twenty-two credits required for graduation. No more than four of the six units can be applied toward required courses. Any exception to this policy must be approved by the principal.

HIGH SCHOOL ACADEMIC DIPLOMA WITH HONORS GRADUATING CLASSES OF 2021 AND BEYOND

The student who completes the **high school academic curriculum** shall meet at least seven of the following eight criteria:

Course	Credits	Additional Information
English	4	
Mathematics	4	Shall include Algebra I, Algebra II, Geometry, and another higher level course or four-year sequence of courses which contains equivalent content.
Science	4	Must include 2 units of advanced science courses.
Social Studies	4	
Foreign Language	3	Must include no less than 2 units for which credit is sought (i.e.:3 units of one language or 2 units each of two languages)
Fine Arts	1	
GPA		Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
ACT/SAT		Obtain a composite score of 27 on the American College Test's ACT assessment (excluding the optional writing test) or combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing sections.

CAREER TECHNICAL DIPLOMA WITH HONORS GRADUATING CLASSES OF 2021 AND BEYOND

The student who completes the **high school academic curriculum** shall meet at least all but one of the following criteria:

Course	Credits	Additional Information
English	4	
Mathematics	4	Shall include Algebra I, Algebra II, Geometry, and another higher level course or four –year sequence of courses which contains equivalent content.
Science	4	Must include 2 units of advanced science courses.
Social Studies	4	
Foreign Language	2	Earn two units of one world language
Electives	4	Earn four units of career technical courses
Field Experience		Complete a field experience and document the experience in a portfolio
Portfolio		Develop a comprehensive portfolio of work based on the student’s field experience or a topic that is related to the student’s area of focus.
GPA		Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
ACT/SAT/WorkKeys		Students must have scores of 27 or higher on the ACT.
Additional Assessments		Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical competency Assessment or equivalent

EXTRA-CURRICULAR POLICIES/CONSIDERATIONS

CONSIDERATIONS FOR ATHLETES WHO APPLY TO A NCAA DIV.I/II SCHOOL

- * The following information reflects the NCAA freshman eligibility standards.
- * Graduation from high school
- * Earn a grade point average of at least 2.00 (on a 4.00 scale) in a core curriculum of at least 16 academic courses taken during grades 9 through 12 for Division I and Division II. Only core courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA GPA.

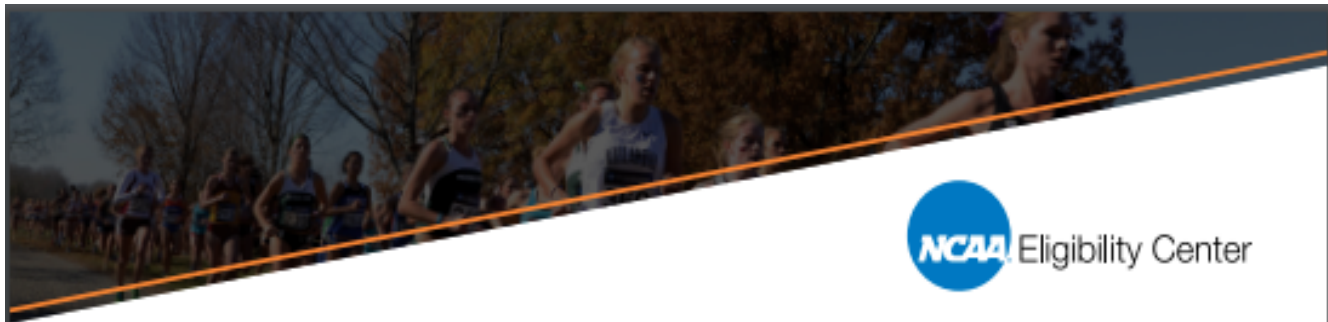
The following chart below shows what your core courses must include at a minimum.

Core Units Required for NCAA Certification	Division I	Division II
English Core	4 years (units)	3 years (units)
Math Core* (Algebra I or higher*)	3 years (units)	2 years (units)
Science Core	2 years (units)	2 years (units)
Social Science Core	2 years (units)	2 years (units)
From English, Math, or Science	1 year (unit)	3 years (units)
Additional Core (English, Math, Science, Foreign Language, Social Science, Computer Science, Philosophy, Non-doctrinal Religion)	4 years (units)	3 years (units)
Total Core Units Required	16	16

NAIA ATHLETIC ELIGIBILITY REGULATIONS

Must meet two of three entry level requirements:

- * Minimum score of 18 on ACT or 860 on the SAT
- * Graduate in the top half of your high school graduating class
- * Achieve an overall high school grade point average of 2.0 based on a 4.0 scale



DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:



Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION I FULL QUALIFIER SLIDING SCALE				DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum	Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37	2.750	810	720	59
3.525	410	410	38	2.725	820	730	60
3.500	430	420	39	2.700	830	740	61
3.475	440	430	40	2.675	840	750	61
3.450	460	440	41	2.650	850	760	62
3.425	470	450	41	2.625	860	770	63
3.400	490	460	42	2.600	860	780	64
3.375	500	470	42	2.575	870	790	65
3.350	520	480	43	2.550	880	800	66
3.325	530	490	44	2.525	890	810	67
3.300	550	500	44	2.500	900	820	68
3.275	560	510	45	2.475	910	830	69
3.250	580	520	46	2.450	920	840	70
3.225	590	530	46	2.425	930	850	70
3.200	600	540	47	2.400	940	860	71
3.175	620	550	47	2.375	950	870	72
3.150	630	560	48	2.350	960	880	73
3.125	650	570	49	2.325	970	890	74
3.100	660	580	49	2.300	980	900	75
3.075	680	590	50	2.299	990	910	76
3.050	690	600	50	2.275	990	910	76
3.025	710	610	51	2.250	1000	920	77
3.000	720	620	52	2.225	1010	930	78
2.975	730	630	52	2.200	1020	940	79
2.950	740	640	53	2.175	1030	950	80
2.925	750	650	53	2.150	1040	960	81
2.900	750	660	54	2.125	1050	970	82
2.875	760	670	55	2.100	1060	980	83
2.850	770	680	56	2.075	1070	990	84
2.825	780	690	56	2.050	1080	1000	85
2.800	790	700	57	2.025	1090	1010	86
2.775	800	710	58	2.000	1100	1020	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.



2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math, or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION II FULL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.050 & above	400	400	37
3.025	410	410	38
3.000	430	420	39
2.975	440	430	40
2.950	460	440	41
2.925	470	450	41
2.900	490	460	42
2.875	500	470	42
2.850	520	480	43
2.825	530	490	44
2.800	550	500	44
2.775	560	510	45
2.750	580	520	46
2.725	590	530	46
2.700	600	540	47
2.675	620	550	47
2.650	630	560	48
2.625	650	570	49
2.600	660	580	49
2.575	680	590	50
2.550	690	600	50
2.525	710	610	51
2.500	720	620	52
2.475	730	630	52
2.450	740	640	53
2.425	750	650	53
2.400	750	660	54
2.375	760	670	55
2.350	770	680	56
2.325	780	690	56
2.300	790	700	57
2.275	800	710	58
2.250	810	720	59
2.225	820	730	60
2.200	830	740	61
2.175	840	750	61
2.150	850	760	62
2.125	860	770	63
2.100	860	780	64
2.075	870	790	65
2.050	880	800	66
2.025	890	810	67
2.000	900	820 & above	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.

**NCAA APPROVED CORE COURSES
FOR CLASSES OF 2020 AND BEYOND**

<p>ENGLISH Communications English 9/Adv. Eng. 9 English 10/Adv. Eng. 10 English 11/Adv. Eng. 11 English 12/Adv. Eng. 12 Basic/Advanced Speech Creative Writing</p>	<p>NATURAL/PHYSICAL SCIENCE Anatomy/Physiology CP Biology Chemistry I Chemistry II CP Earth/Space Science Physics CP Environmental Science</p>
<p>MATHEMATICS Algebra I Geometry Algebra II Functions/Trigonometry/Statistics Precalculus Calculus</p>	<p>SOCIAL SCIENCE American Government American History Modern World History Global Issues Psychology Sociology</p>
<p>ADDITIONAL CORE COURSES Spanish I, II, III, IV</p>	<p>*pending approval A high school course (e.g., Algebra I, Spanish I) taken in the eighth grade may be used if the course is on the student's high school transcript with a grade and credit and if the course is on the high school's List of NCAA-Approved Core Courses.</p>

**TWIN VALLEY SOUTH HIGH SCHOOL
COURSE OF STUDY**

<p>LANGUAGE ARTS English 9 English 10 American Literature British Literature CCP British Literature English 242^ CCP American Literature English 222^ CCP Composition I-English 121^ CCP Composition English 122^ Film Studies** Creative Writing**</p>	<p>INDUSTRIAL TECHNOLOGY Wood Technology I** Wood Technology II** Basic Electronics and Robotics** Computer Aided Design (CAD)** Engineering Design** STEM Tech** Home and Auto Maintenance** Manufacturing Skills Standards Council Credential** Custom Design (Starting 2023-24)**</p>
<p>SOCIAL STUDIES American History American Government Modern World History CCP Intro to Psychology PSY 121^ CCP American Nat. Gov. PLS 121^ Psychology** Sociology** Global Issues</p>	<p>SCIENCE Biology Environmental Science Physical Science Chemistry Anatomy and Physiology I BIO 125S**^ Anatomy and Physiology II BIO 126S**^ AP Chemistry II Anatomy/Physiology AP Physics CP Environmental Science</p>
<p>MATHEMATICS Algebraic Foundations Algebra I Geometry Algebra II Integrated Mathematics Precalculus MTH 128S^ Calculus/Analytical Geometry MTH 221S^ General Statistics MTH 125S^ Functions/Statistics/Trigonometry Precalculus</p>	<p>AGRICULTURE EDUCATION Agriculture I-Ag. Food & Natural Resources Greenhouse & Nursery Management Agriculture Business Management Agriculture Education Capstone</p>
<p>HEALTH AND PHYSICAL EDUCATION Health I** Lifetime Sports** Wellness**</p> <p>FINANCIAL EDUCATION Personal Finance Management**</p>	<p>FAMILY AND CONSUMER SCIENCE Global Foods** Principles of Food** Personal Wellness and Development** Human Growth and Development**</p> <p>COMPUTER TECHNOLOGY Computer Applications** Computer Science** Media Yearbook I** Media Yearbook II**</p>

CAREER TECHNICAL EDUCATION Career Connections** Career Based Intervention (CBI)	FINE ARTS Art I Adv. Art (Art II, Art III, Art IV) Wind Ensemble Chorale
FOREIGN LANGUAGE Spanish I Spanish II Spanish III Spanish IV	**Semester Course ^College Credit Plus

LANGUAGE ARTS COURSES

English 9: This course examines various genres of world literature and informational texts within the classroom structure. Novels align with the ninth grade curriculum based on the guidance from rigorous Lexile scores recommended by the Ohio Learning Standards and state assessments. Grammar and punctuation elements will be practiced through direct instruction and the writing process. Students will utilize skills to write narrative, informative, research, and argument papers.

Prerequisite: None

Year long course—1 credit

English 10: This course continues the development of skills introduced at the ninth grade level. Extensive vocabulary work, including Greek and Latin roots, is completed as well as two to three major literary works. Novels align with the tenth grade curriculum based on the guidance from rigorous Lexile scores recommended by the Ohio Learning Standard and state assessments. Grammar and punctuation elements will be mastered through direct instruction and the writing process. Students will utilize skills to write narrative, informative, research, and argument papers. Students will be assessed using the Ohio Learning Standards in order to prepare them for the state assessments.

Prerequisite: 1 credit of English 9 or Teacher Recommendation

Year long course—1 Credit

British Literature: This course places emphasis upon the historical and cultural connections of foundational works of British literature. This includes examinations of dramas, poems, short stories, essays, historical documents, and novels. The novels will be based on the guidance from rigorous Lexile scores recommended by the Ohio Learning Standards. Review of conventions in grammar and punctuation will be reviewed and vocabulary enrichment will be emphasized. Students will demonstrate writing skills through narrative, informative, research, and argument papers. Students will be assessed using the Ohio Learning Standards in order to prepare them for college and career readiness.

Prerequisite: English 9 and English 10

Year long course—1 Credit

American Literature: This course places emphasis upon the historical and cultural connections of foundational works of American literature. This includes examinations of dramas, poems, short stories, essays, historical documents, and novels. The novels will be based on the guidance from rigorous Lexile scores recommended by the Ohio Learning Standards. Review of

conventions in grammar and punctuation will be reviewed and vocabulary enrichment will be emphasized. Students will demonstrate writing skills through narrative, informative, research, and argument papers. Students will be assessed using the Ohio Learning Standards in order to prepare them for college and career readiness.

Prerequisite: English 9 and English 10

Year long course—1 Credit

ENG 121S: Composition I (College Credit Plus) This course involves writing based on critical reading skills, primary research techniques, and the student's own personal experiences. Such writings may include explanation, commentary, interpretation, analysis, and review. All writing will stress standard English, organization, and style. Students can earn 3 semester hours from Edison State Community College in addition to high school credit.

Prerequisite-Complete English 9 and 10

Year long course-1 Credit

ENG 122S: Composition II (College Credit Plus) Study and practice of essay writing, including formal essays, reviews and research papers, based on the study of logic and library research. Writings will stress organization, argument, referencing techniques and the use of standard English. Students can earn 3 semester hours from Edison State Community College in addition to high school credit.

Prerequisite- ENG 121S

Year long course- 1 Credit

ENG 222S: American Literature (College Credit Plus) This course will read and analyze a variety of American texts. Students will also improve their writing skills by researching and writing on a variety of topics in a variety of genres throughout the year. Ohio Learning Standards of English Language Arts will guide the curriculum. This course is offered every other year, opposite of British Literature & Composition. Students can earn 3 semester hours from Edison State Community College in addition to high school credit.

Prerequisite- ENG 121S

Year long course-1 credit

ENG 242S: British Literature (College Credit Plus) Students will read and analyze a variety of British texts. Students will also improve their writing skills by researching and writing on a variety of topics in a variety of genres throughout the year. Ohio Learning Standards of English Language Arts will guide the curriculum. This course is offered every other year, opposite of American Literature & Composition. Students can earn 3 semester hours from Edison State Community College in addition to high school credit.

Prerequisite- ENG 121

Year long course-1 credit

Creative Writing: This course is designed to allow students to further refine their writing skills by exploring various and more creative forms of writing than offered in traditional English courses. Students will be practiced in journal writing, poetry, short stories, plays, multigenre pieces as well as other creative pieces in an effort to further develop writing skills. Throughout the semester, students will create a portfolio showcasing various works. Conferencing and sharing written pieces is integral to the course design.

Prerequisite: 10th, 11th, or 12th grade class standing

Semester course—.5 credit

Film Studies: This course is designed to challenge students to analyze and dissect various films in order to identify theatrical elements, techniques, and correlations between films. Students will learn theatrical terminology and practices which will be used in communicating their analysis. This course will cover different aspects of English Language Arts through the film lens such as writing an analysis essay, presenting on their findings from exploring a film, and breaking down how language is used effectively in films. Throughout the semester students will compare and contrast between the techniques different genres use, analyze specific elements found in films created by famous film directors, and evaluate how successful a film branched off from a story, novel, and play.

Prerequisite: 10th, 11th, or 12th grade class standing

Semester course - .5 credit

MATHEMATICS COURSES

TVS Accelerated College Path			
Freshman	Sophomore	Junior	Senior
Geometry	Algebra II	CCP Pre-Calculus CCP General Stats	CCP Calculus CCP General Stats
TVS College and Career Path			
Freshman	Sophomore	Junior	Senior
Algebra I	Geometry	Algebra II	CCP General Statistics CCP Pre-Calculus Integrated Math
TVS Fundamental College & Career Path			
Freshman	Sophomore	Junior	Senior
Algebraic Foundations	Algebra I	Geometry	Algebra II

Algebraic Foundations - This course is for students who aren't completely prepared to be successful in Algebra I in just one year. The course will cover the first half of the Algebra 1 curriculum and prepare students for the second half of Algebra the following year.

Prerequisite: 8th Grade Math, Departmental Recommendation, this course is for freshmen only.

Year long course—1 Credit

Algebra I - A study of the basics in college-prep algebra, axioms, equations, inequalities, polynomials, functions, graphs on coordinate planes, systems of equations, rational expressions, roots and quadratic equations. A good math background is needed.

Prerequisite: Departmental Recommendation, 8th Grade Math or Algebraic Foundations

Year long course—1 Credit

Geometry - A study of the basic Geometry concepts and relationships using investigation, inquiry and discovery methods. This course emphasizes a “hands on” approach and application of the material presented.

Prerequisite: Algebra I and Departmental Recommendation

Year long course—1 Credit

*This course is not open to students who earn a credit in Geometry.

Algebra II – This course is designed for students in need of additional math support and that has passed Algebra I. Topics are explored in-depth. Topics include linear equations, graphing linear functions, polynomials & factoring, quadratic formula, exponents, systems of linear equations, inequalities & absolute values, exponents, higher order polynomials, radicals, rational, irrational, imaginary & complex numbers, right triangle trigonometry, matrices, logarithms and exponential functions.

Prerequisite: Algebra I & Geometry and Departmental Recommendation

Year long course—1 Credit

* This course is not open to students who earned a credit in Algebra II.

Integrated Math—This course is a fourth year math course that is intended for the student who is in need of further study of mathematics that he/she will confront in a job, business, and/or consumer situations. Applications of mathematics will also emphasize life skills in which mathematics is needed.

Students will explore different careers and study the practical skills and problem-solving needed in order to be successful for their chosen profession.

Prerequisite: Algebra II

Year long course—1 Credit

* This course is not open to students who earn a credit in Pre-Calculus or Functions/Statistics/Trigonometry.

CCP General Statistics (MTH 125S) Introductory general statistics course. Topics include data organization and display; measure of dispersion and central tendencies; probability models, random variables and finite probability distributions; normal and binomial distributions; construction of scatter plots of bivariate data and interpretation of linear regression; normal distribution approximation to the binomial distribution; central limit theorem and confidence limits; introduction to experimental design and sampling; and statistical control charts for statistical process control (SPC)

Prerequisite: Algebra II

Year long course—1 Credit/ 3 semester hours at Edison State

CCP Pre-Calculus (MTH-128S) Survey of polynomial, rational, radical, exponential, logarithmic, trigonometric, and inverse trigonometric functions and their graphs, with associated algebraic techniques. Topics also include systems of equations, inequalities, elementary matrices, basic trigonometric ratios, trigonometric identities and equations, vectors, polar coordinates, complex numbers, conics, sequences and series

Prerequisite: Algebra II, C or better

Year long course—1 Credit/ 5 semester hours at Edison State

CCP Calculus (MTH 221S) - Introduction to differential and integral calculus. Includes differentiation and integration of algebraic and transcendental functions with applications to science and engineering. This course is designed for students who would want to pursue a career in a STEM field.

Prerequisite: Pre-Calculus or MTH 122S and MTH 123S

Year long course—1 Credit/ 5 semester hours at Edison State

SOCIAL STUDIES COURSES

Modern World History –This course examines world events from 1600 to the Cold War. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The course will also include the development and role of the United States during this time period. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Prerequisite: Required for All Freshmen

Year long course—1 Credit

American History –This course examines the history of the United States of America from post-Antebellum to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow.

Understanding how these events came to pass and their meaning for today’s citizens are the purpose of this course. The course will also include the role the United States has played in the world with the inclusion of world affairs and historical events. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Prerequisite: Required for All Sophomores

Year long course—1 Credit

American Government – How the American people govern themselves at national, state and local levels of government is the basis for this course. Students can impact issues addressed by local governments through service learning and projects.

Prerequisite: Required for All Juniors

Year long course—1 Credit

Global Issues – This course provides an opportunity to explore “Global Citizenship” through analysis of contemporary problems. As well as, analysis of the role that individuals can play in impacting those problems. This course will focus on particular global “hot spots”, with an emphasis on international events which also have a direct impact upon U.S. foreign policy and concerns. The class will emphasize the cultural, historical, and economic conditions that underpin the conflicts of the world. The overall purpose of the course is twofold: 1) basic knowledge of the current global situation as it relates to the United States and 2) the ability to apply a cultural/historical perspective in gaining an understanding of a given current topic.

Prerequisite: 11th or 12th grade class standing

Year long course—1 Credit

American National Government PLS 121S (College Credit Plus)- Overview of the American system of government which examines the impact of public opinions, group interests, and organizations on the institutions of American government. Particular attention is focused on issues which relate to the politics of public policy and the decision-making process. The nature of American democracy is examined and critically analyzed.

Prerequisite: 11th or 12th grade class standing

Year long course— 1 Credit

Introduction to Psychology PSY- 121S (College Credit Plus) – Introduction to the scientific study of behavior and mental processes with an emphasis on personality, learning and memory, human sexuality, lifespan development, sensation and perception, health psychology, abnormal behavior and interventions, social psychology, stress, motivation, and states of consciousness.

Prerequisite: 11th or 12th grade class standing

Year long course— 1 Credit

Sociology – An introductory course centered on the behavior of people in groups. Topics included are socialization, institutions, social interaction, social change, collective behavior, and competition in society. Activities include library research, group activities and simulations, as well as standard testing.

Prerequisite: 11th or 12th grade class standing

Semester long course— .5 Credit

SCIENCE COURSES

Biology – An inquiry based study of life. Students will explore topics such as heredity, molecular genetics, population genetics, species diversity, ecological interdependence, and cellular processes to discover that the genome dictates life. Emphasis will be placed on basic laboratory skills, observation and inference, as well as data collection and experimental design. Students will be expected to develop scientific claims and support them with scientific evidence and reasoning. A beginning science fair project will be required.

Prerequisite: Teacher Recommendation

Year long course—1 Credit

***This course is not open to students who earn a credit in Biology.**

Physical Science – Students who plan to schedule chemistry as juniors and possibly physics as seniors should take Physical Systems Science. The topics covered in this course will enable you to better understand chemistry or physics by outlining physical principles and introducing mathematical operations in physical sciences. The lab work in this course will include emphasis on careful observation and the recording of events as well as reducing logical conclusions.

Prerequisite: Biology or Teacher Recommendation

Year long course—1 Credit

***This course is not open to students who earn a credit in chemistry or physics**

Chemistry I – The study of lab procedure, periodic table, chemical equations and bonding, acids and bases, organic chemistry, nuclear changes, properties of solids, liquids, gasses and solutions, and physical chemistry. Sophomores taking this course may then schedule AP Chemistry or AP Physics in subsequent years.

Prerequisite: Algebra I and Biology and Teacher Recommendation

Year long Course—1 Credit

Environmental Science – This science course studies (1) relationships between land, water, atmosphere and living things, (2) Earth's resources, and (3) global environmental issues. A strong emphasis will be placed on further developing laboratory and communication skills.

Prerequisite: 2 credits of science

Year Long Course: 1 Credit

Anatomy & Physiology- This science course begins with cells and tissues and later focuses on the various organ systems. A strong emphasis will be placed on improving laboratory, reading, writing, and critical thinking skills. Dissection is required. This course is meant to be a challenging, high school level course.

Prerequisite: 75% or better in Chemistry or Physical Science or Teacher Recommendation
Year Long Course: 1 Credit

Weather Studies- Weather Studies places students in a dynamic educational environment where they investigate the atmosphere using real-world current environmental data. It covers the composition and structure of the atmosphere; the flows of energy to, from, and through the atmosphere; and the resulting motions produced from small to planetary scales. The physical principles of atmospheric phenomena are stressed in the understanding of weather's impact on humans, particularly with severe weather. Methods of analysis are developed through the study of current weather as meteorological data are delivered via the Internet.

Students are introduced to Earth's atmosphere and the dynamic world of weather

- as it happens, by working with current meteorological data delivered via the Internet and coordinated with Current Weather Studies investigations keyed to the day's weather, and via examination of real-world case studies delivered in electronic form.”
- Possible Independent project during 4th quarter
- Outside of class reading required.

Prerequisite: 11-12 Class Standing

Year long course - 1 Credit

AP Physics –The study of logical, sequential development of major physics principles. An introductory physics course on the fundamental principles of classical mechanics. Topics include reference frame, units of measure, scalars and vectors, kinematics, Newtonian mechanics, statics, equilibrium, dynamics, work, energy, impulse, linear momentum, conservation of linear momentum, collisions, torque, angular momentum, conservation of angular momentum, and gravitation. A solid understanding of mathematics is necessary to understand physics. Therefore, it is desirable that physics students have successfully completed algebra and geometry.

Prerequisite: 75% or better in Chemistry I or Teacher Recommendation

Year long course—1 Credit Must take the AP Exam to have AP on the transcript

BIO 125S: Anatomy & Physiology I (College Credit Plus) This is an advanced science course. Introduction to the structure and function of the human body. Includes the study of cells, tissues, and the following systems: integumentary, skeletal, muscular, and nervous. Three hours of lecture and two hours of lab time each week. In addition to high school credit, students can earn up to 4 semester hours through Edison State Community College.

Prerequisites: Physical Science or Chemistry and Biology.

Semester Course (Double Period)- 1 credit

BIO 126S: Anatomy & Physiology II (College Credit Plus) This is an advanced science course. Continuing study of the structure and function of the human body. Includes the following systems: autonomic nervous system, special senses, cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive, and endocrine. Fluid, electrolyte, and acid/base are also included. Three hours of lecture and two hours of lab work each week. In addition to high school credit, students can earn up to 4 semester hours through Edison State Community College.

Prerequisites: Physical Science or Chemistry and Biology.

Semester Course (Double Period)- 1 credit

GLG- 121S Physical Geology (College Credit Plus) This is an advanced science course. Introduction to the physical and chemical processes that have produced the Earth, its minerals and rocks, and landforms that result from constructional and erosional activities. In addition to high school credit, students can earn up to 4 semester hours through Edison State Community College. Out of class reading required. Multiple labs per chapter.

Prerequisites: Physical Science or Chemistry and Biology

Year long course- 1 credit

COMPUTER TECHNOLOGY

Computer Concepts and Applications – Every student (college-bound or not) should take this course. Students will be introduced to and become proficient at Microsoft Office applications as well as Google applications. Included will be the use and development of Microsoft Word and Google documents, Excel and Google spreadsheets, PowerPoint and Google presentations! This class will culminate in a project that allows students to integrate the software and make decisions about methods and formatting giving them an opportunity to take ownership of the project.

Prerequisite: None

1 Semester—.5 Credit

Introduction to Computer Science –This is a semester course designed to teach students foundational knowledge about various computer-related topics. Students will learn about the problem-solving process and how this is a major component of computers. Students will explore areas such as HTML & CSS (Web Design), introduction to programming (JAVA), and other areas. This class is hands-on and project-oriented! It is always evolving and changing to incorporate the latest applications making it current for students to take. Students need to be able to work independently and use creativity. No textbook required.

Prerequisite: Algebra I, Geometry

1 Semester—.5 Credit

Media Technology – Media Technology is a semester course for upperclassmen where students learn mastery of using adobe premiere to create projects for the purpose of presenting information. PCs will be used to edit video and develop creative works. Student ownership of projects becomes essential for students to take pride in their creations. This class will also be responsible for the graduation and academic award assembly slideshows as well as Talent Show during the first semester! Students must be able to work independently and are given opportunities to be self-governing and innovative.

Prerequisite: 11th or 12 grade class standing

1 Semester—.5 Credit

Yearbook Publication – Students will organize the yearbook publication. They will understand and develop advertising sales techniques, produce a publication, and learn, develop, and use correct news writing techniques.

Prerequisite: 11th or 12 grade class standing and teacher evaluation

Year long course—1 Credit

FINE ARTS COURSES

Art I – This class is an overview of art, beginning with a concentration on drawing. Also included are elements of design, painting, sculpture, printing, famous artists, and art careers.

Prerequisite: None

Year long course—1 Credit

Advanced Art (Art II, Art III, or Art IV) - These courses build on the concepts and skills acquired in Art I. There will be more in-depth study of design elements and principles, drawing, painting, textiles, and 3-dimensional art. Students will need to meet the teacher approval requirement for admittance to continue taking upper level art courses. Out of class sketchbooks will be required for courses.

Prerequisite: Art I and Teacher Recommendation

Year long course—1 Credit

Wind Ensemble – Students will expand their musical knowledge and performance experience by rehearsing and performing with the Twin Valley South Wind Ensemble. The goal of this course is for students to understand the diverse and unique world of music from both performing and academic standpoints, playing in a variety of venues while also learning about music theory and history. Participation in after/out of school rehearsals is required to receive credit.

Percussionists are expected to perform and rehearse with the Percussion Ensemble.

Prerequisite: Teacher Recommendation / possible audition

Year long course—1 Credit

Chorale – Students will expand their musical knowledge and performance experience by rehearsing and performing with the Twin Valley South Chorale. The goal of this course is for students to understand the diverse and unique world of music from both performing and academic standpoints, singing in multiple concerts throughout the year while also learning about music theory and history. Improve your well-being and cognitive skills while studying one of the oldest art forms in the story of humanity.

Prerequisite: Teacher Recommendation / possible audition

Year long course—1 Credit

FOREIGN LANGUAGE COURSES

Spanish I – This course is designed to develop a strong foundation in the essential fundamentals of the Spanish language. Students will learn the phonetics of the language, build vocabulary, practice speaking and writing skills through grammatical exercises and develop language comprehension skills. Students will gain a new understanding and appreciation of the language and culture of the Spanish speaking world. Students can expect daily homework, frequent quizzes, written, and oral tests.

Prerequisite: 75% strongly recommended in English class

Year long course—1 Credit

Spanish II – This course will build upon the skills developed in Spanish I. Students will continue to acquire new vocabulary and use more complex grammar, focusing on real life situations. During the second semester the class will be conducted in the target language as much as possible.

Prerequisite: 75% strongly recommended in Spanish I or teacher Recommendation

Year long course—1 Credit

Spanish III – This course will continue to utilize more complex grammar building on skills acquired in Spanish II. Additionally, students will further their vocabulary knowledge and speaking skills that have been developed over the previous levels of the target language. In addition, students will explore the culture and history of Mexico by discussing in Spanish various literary selections and legends. The second semester will involve a journey into the culture and history of Spain including Cervantes' masterpiece, Don Quixote. These readings will be discussed in Spanish and there will be written and oral summaries due on a regular basis.

Prerequisite: 75% average in Spanish II and/or Teacher Recommendation

Year long course—1 Credit

Spanish IV – This advanced academic course, conducted entirely in Spanish, will focus on the “Golden Age” of Spanish literature with an emphasis on the historical backgrounds of Spain and Mexico from the 1500’s through the 20th century. The finer points of grammar will be discussed as they appear in the literary selections. The Spanish II & Spanish III workbook will be utilized again.

Written and oral summaries will be due on a regular basis.

Prerequisite: 75% average in Spanish III and/or Teacher Recommendation

Year long course—1 Credit

HEALTH AND PHYSICAL EDUCATION COURSES

Health I – This course is designed to assist you in effective life management. The student will acquire knowledge about skills which are needed to become responsible adults to achieve optimum health. Topics of discussion will include nutrition, managing weight, physical activity, alcohol and other drugs, tobacco, teen dating violence, healthy relationships, stress and suicide, sexual health and sexually transmitted diseases.

Prerequisite: None

1 Semester—.5 Credit

Lifetime Sports – This course is a combination of games, sports, and conditioning that are used to tone the body. Activities include, flag football, volleyball, basketball, soccer, and wiffle-ball. Also included are individual sports such as badminton, pickleball, ping-pong, tennis, weight-training, exercise walking, and cardiovascular activities. Students are required to dress appropriately and participate as part of the grading system. **This course meets the requirement of PE**

Prerequisite: None

1 semester- .25 credit

Wellness – This course consists of weight training 3 days per week. Course will use the curriculum based on a bigger, faster, stronger weight lifting program. Students will be responsible for recording their workouts in a workout packet that will be provided for them. Students are required to participate at a high intensity level that will promote strength gains, as well as, improvements in their overall speed and agility. The other two days will be spent running, rope jumping, speed training, plyometric training, and other activities. This will provide an opportunity for students to complete workouts during the school day, and should only be taken by those students serious about improving their fitness levels. **This course meets the requirement of PE Students must have already completed one Lifetime Sports Course at the High School level and received an A average in that course. Upcoming seniors are only eligible for one semester of the course, and no freshmen are allowed into the course. All**

students are subject to being approved or denied into the course by the Physical Education Staff and are also subject to a two week trial period.

Prerequisite: Lifetime Sports Course

1 Semester-.25 credit

INDUSTRIAL TECHNOLOGY COURSES

Wood Technology I – This semester course is an introductory course covering woodworking. This course is designed to benefit students with varying levels of ability and career aspirations. Since woodworking, like all manufacturing operations, requires the ability to read and understand technical drawings, there will be a brief introduction to technical drawing. Safety is an important factor and all students will be required to pass a written safety test before working in the lab area or using tools and equipment. Multiple projects will be completed during the semester class. Projects will be assigned by the instructor. There will be a lab fee of \$30.00 which covers all project costs.

Prerequisite: None

Semester course-0.5 credit

Wood Technology II – This semester course is a continuation of Wood Technology I. This course uses more advanced topics and procedures in woodworking and design. Each student is required to take a written safety test on all power tools. Students must complete assigned projects, and then select their own projects using instructor’s guidelines and suggestions. All project materials must be paid before the project is taken home. There will be a lab fee of \$30.00, which does not include individual project costs.

Prerequisite: Wood Technology I

Semester course-0.5 credit

Basic Electronics and Robotics - This semester course will build on basic concepts of robotics and programming through taking part in team projects, as well as exploring the impact of robotics on society. Students will learn electronic fundamentals like Ohm’s Law, the Power Equations, and electronic theory. Students will be given hands-on experience with basic circuits, soldering techniques, instruction on safety and reading schematics. Students will be involved in hands-on robotics activities which will reinforce problem solving, collaboration, science, and math skills through real life examples. There will be a lab fee of \$25.00, which covers all project costs.

Prerequisites: None

Semester course-0.5 credit

Computer Aided Design (CAD) - In this semester course, students will be introduced to 2D and 3D computer aided design (CAD) with a focus on the programs AutoCAD, Inventor and Fusion 360. This course introduces the fundamentals of technical “blueprint” reading, sketching, mechanical drawing and prototyping. Students will take part in individual and hands-on team projects to apply and build skills through the use of our 3D printer. There will be a lab fee of \$25.00, which covers all project costs.

Prerequisites: Grades 10, 11, 12

Semester course-0.5 credit

STEM Tech - During this semester course students will study different areas of STEM through modular and project-based education. Topics may include: aeronautics, rocketry, drones, research & development, woodworking, architecture, animation. These are some of the topics, but it is not

an all-inclusive list. The course is evolving and new topics/materials are continually being added. There will be a lab fee of \$30.00, which covers all project costs.

Prerequisites: Grades 10, 11, 12

Semester course-0.5 credit

Engineering Design - The goal of this semester course is to empower the student to better understand and shape the world around them. This is a project-based course that engages students through solving problems that have no one right answer. This means students will design, draw (using CAD), construct, and then test their own designs. Possible assignments are: 3D printed RC car, a bridge, a hovercraft, a tower, a drag racer, and a crash test egg car. Many of these projects will be designed and built within teams of students. This course will reinforce math, science, computer, CAD and technology skills/knowledge through application. There will be a lab fee of \$25.00, which does not include individual project costs.

Prerequisites: CAD, Wood Technology I

Semester course-0.5 credit

Home and Auto Maintenance - This semester class will focus on problem solving skills with activities related to home and auto maintenance and common household construction. Home maintenance projects will include an emphasis on understanding residential framing, basic wiring, plumbing activities, hanging and repairing drywall, along with other interior home maintenance. Students will use and understand the various hand tools, simple wiring techniques, various fastenings methods, painting and decorating, furniture repair, and safety procedures when constructing these home maintenance projects. Auto maintenance projects will include an emphasis on automotive upkeep, light repair, and auto ownership. Power tools and machines are used in this class so students must maintain a strong awareness of safety. There will be a lab fee of \$25.00, which covers all project costs.

Prerequisites: Grades 11, 12

Semester course-0.5 credit

Manufacturing Skills Standards Council Credential - This course will offer the student the opportunity to engage in the Manufacturing Skill Standards council Certified Production Technician (CPT) certificate program. This program will help prepare the student with the skills necessary for entry-level to front-line supervisor positions. It is ideal for individuals with limited to no prior knowledge of manufacturing to begin a career pathway in the high skill, high wage, in demand manufacturing industry. The CPT program consists of four individual certificate assessments in: Safety, Quality Practices and Measurement, Manufacturing Processes & Production, and Maintenance Awareness. Use of the Amatrol Skill Boss trainer will allow the student to learn through hands-on application of the principles learned. There will be a lab fee of \$25.00, which covers all project costs.

Prerequisites: Grades 11 or 12

Year long course- 1 credit

Custom Design (STARTING 2023-2024) - This semester course is a mix of both individually selected projects and those completed as a class. Projects will be designed and constructed in collaboration with the instructor. Students are encouraged to pursue anything that resources, skill, and time will allow. This can include wood projects, electronics projects, and anything in between. Please see Mr. Oldiges if you have any questions about possible projects. All project materials must be paid before the project is taken home. There will be a lab fee of \$30.00, which does not include individual project costs.

Prerequisites: Grades 11 or 12, Wood Technology I, CAD
Semester course-0.5 credit

AGRICULTURE EDUCATION COURSES

*A maximum of 1 science credit will be awarded for enrollment in agriculture courses. This credit counts for the third science credit requirement (not the life science or physical science, but the third 'other' credit).

Agriculture 1 – Agriculture, Food and Natural Resources

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Students earn 1.25 credits for completion, including .5 credit in science and .75 elective credits.

Year long course—1.25 Credit

Prerequisite: None

Greenhouse & Nursery Management

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with biosecurity practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized.

Year long course—1.25 Credit

Prerequisite- Agriculture I

Agriculture Business Management

Students will examine elements of business, identify organizational structures, and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion, and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

***College credit will be offered during this class, including a Sinclair CC Customer Service course (3 credits) with transfer option to Edison State CC. There is no cost to the student to earn these credits.**

Year long course—1.25 Credit

Prerequisite- Agriculture 1

Agriculture Education Capstone

(Special permission from the instructor required)

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. This course may be taken more than once.

***PLEASE NOTE – 1st Semester and 2nd Semester curriculum will be discussed with students who choose to sign up for this course. Please talk to Mrs. Derringer BEFORE signing up!**

Year long course—1.25 Credit

Prerequisite- Agriculture I

FINANCIAL EDUCATION

Personal Finance Management: In this course, students will develop personal financial plans for individual well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, investing and risk management.

Course Length: 1 Semester

Credit: .5 Credit

FAMILY AND CONSUMER SCIENCE

Global Foods: In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

Course length: 1 Semester

Credit: .5 Credit

Principles of Food: In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes.

Throughout the course, basic food safety and sanitation techniques will be emphasized.

Course length: 1 Semester

Credit: .5 Credit

Personal Wellness and Development: In this course students will develop a personalized approach to healthy living. An emphasis will be placed on developing personal health for an adolescent that can be used as they transition through life. Additional topics will focus on problem-solving, work ethics, nutritional and food selections, family dynamics and personal health.

Course length: 1 Semester

Credit: .5 Credit

Human Growth and Development: In this course, students will analyze human growth and development throughout the lifespan. An emphasis will be placed on physical, cognitive, social and emotional growth and development. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community.

Course length: 1 Semester

Credit: .5 Credit

Career Connections – This program will address many of the skills businesses seek that can contribute to a student’s success in higher education as well. This skills gap is a challenge for businesses and institutions of higher education seeking talented applicants. The student can earn the OhioMeansJobsReadiness Seal by asking three or more mentors to validate that the student demonstrated the professional skills valued by Ohio businesses. The OhioMeansJobs-Readiness Seal distinguishes students who are prepared to contribute to the workplace and their communities.

To earn the OhioMeansJobs-Readiness Seal, each student must complete these steps:

- Demonstrate proficiency** in each of 15 identified professional skills.
- Using the OhioMeansJobs-Readiness Seal Form, record how he or she demonstrated each professional skill. A student is only required to document how he or she demonstrated each skill in one of three possible environments – school, work or community. But, the student cannot document all 15 skills in the same environment, for example, school. At least two environments must be reflected among the demonstrated skills.
- Have each skill validated (confirmed) by at least one mentor. A mentor is an experienced advisor the student trusts. A minimum of three mentors must be involved in the overall validation process and sign the form. By signing the form, each mentor is recommending the student to a prospective employer or higher education provider.
- The student is encouraged to secure letters of recommendation from his or her mentors. The student also may engage in career planning and career readiness activities on OhioMeansJobs.com

Course length: 1 Semester

Credit: .5 Credit

CAREER TECHNICAL INFORMATION

Career Based Intervention Program (CBI) – This program combines educational and work-based learning opportunities for students who demonstrate academic and/or social difficulties in school. CBI assists students to improve upon academic competence, recover credits, develop employability skills, implement a career plan, and become employed inside or outside of school. Work can be both paid and non-paid experience. Students can earn up to 3 credits for CBI-Work experience and 1 credit for the CBI-Related class. Meets Financial Literacy Component through 2023-2024.

Grades: 11, 12

Prerequisite: Parent/Principal/Teacher and Guidance Counselor recommendation and an interview to determine if the student meets State guidelines.

Year long course—1 Credit

Bylaws of the Twin Valley South Chapter of the National Honor Society

**Article I
Name and Purpose**

Section 1. The name of this organization shall be the Twin Valley South High School National Honor Society.

Section 2. The purpose of this organization shall be to create enthusiasm for scholarship, to stimulate a desire to render service, to promote leadership, and to develop character in the students of Twin Valley South High School.

**Article II
Selection of Members**

Section 1. To be eligible for consideration the candidate must be of junior or senior status. Perspective candidates must have a cumulative scholastic average of at least 3.6 (on a 4 scale). All qualifying students will be notified by the Chapter Advisor and given a packet of student Activity Information Forms to be completed by a specified date.

Section 2. Eligibility to be a candidate requires full time attendance at TVS one semester prior to the semester in which the induction ceremony is held. Maintaining NHS membership requires being enrolled as a full time Twin Valley South High School student.

Section 3. Selection for membership in this chapter is by the Faculty Council who will use information noted on the NHS Faculty Recommendation Form and the Student Activity Information Form submitted by each prospective applicant. Candidates shall be evaluated on the basis of service, leadership and character consistent with the rules and regulation of the National Honor Society.

Section 4. Any candidate who might fail to qualify due to a lack of service, leadership or character will be informed in writing by the Advisor. The letter and/or conference with the Advisor will include a discussion about the area in which the student was weak and how he/she can improve so that the student can apply again next year.

**Article III
Membership**

Section 1. Membership in this chapter shall be based upon outstanding scholarship, character, leadership and service.

Section 2. Members must maintain at least a 3.6 average. Any member who falls below the standards which were used as basis for his/her selection shall be promptly warned and/or placed on probation. A National Honor Society member must maintain all four standards for

membership in order to retain the membership. Cumulative GPAs are calculated when credits are assigned.

Section 3. All members shall be required to participate in the various service projects that are a part of our organization. This could also include any projects that the school or community might request which would be in addition to our regularly established projects. Some projects may require time outside regular school hours.

Section 4. Candidates become members when inducted at a special ceremony. All members, new and old, are required to attend the induction ceremony. If the inductee or a current member is unable to attend the ceremony, a written explanation will be required. The Faculty Council reserves the right to determine the acceptability of the excuse and/or decide consequences if the explanation is inadequate. The Faculty Council reserves the right to deny membership to a possible new inductee if the written explanation is deemed unacceptable.

Section 5. Members who are seniors in good standing are eligible to be nominated by their chapter to compete in the National Honor Society Scholarship Program. The School Faculty shall select the nominees.

Section 6. A National Honor Society member who transfers to Twin Valley South High School and brings a letter of transfer from the former principal or chapter advisor to the new advisor may be considered for immediate membership in the TVS chapter. Transfer members must meet this chapter's standards within one semester in order to retain membership.

Section 7. Members who resign or are dismissed are never again eligible for membership or its benefits.

Article IV Activities

Section 1. This chapter shall determine at least three service projects for each year.

Section 2. All members shall be required to participate.

Section 3. These projects shall have the following characteristics. Fulfill a need within the school or community; have the support of the administration and the faculty; be appropriate and educationally sound; be well planned, organized and executed.

Section 4. Each member shall have the responsibility for choosing a service project in or outside school, which reflects his or her particular talents and interests. This is in addition to the chapter projects and is in accordance with the National regulations.

Section 5. Any member not meeting the service requirements may be subject to probation.

Section 6. This Chapter shall publicize its projects in a positive manner.

Article V Dues

Section 1. The chapter's dues shall be \$ 10.00. This is a one time only fee.

Section 2. Dues shall be paid the week after the induction ceremony.

Article VI Probation

Section 1. Probation is a warning that a member has fallen below the standards of the NHS which are: Leadership, Character, Scholarship and Service. Probation will include non participation in any of the privileges that are due to members in good standing. While on Probation no member shall indicate on scholarship applications or activity sheets that they are current members of NHS.

Section 2. Any member on probation shall still be required to fulfill the normal responsibilities of a National Honor Society member including meetings and participation in service activities. One semester of probation is allowed for a member to have the opportunity to return the cumulative GPA to a 3.6.

Section 3. Any senior falling below a cumulative 3.6 GPA at the end of second semester shall not be permitted to wear the honor stole at the graduation ceremony

Article VII Dismissal

Section 1. If a member's cumulative semester average falls below the minimum required for selection, the member shall be issued a written warning granting one semester to raise the cumulative semester average to the required level. Failure to do so can result in dismissal from the NHS.

Section 2. In disciplinary cases other than those involving failure to maintain the required cumulative semester average, the Faculty Council shall vote to issue warnings or dismiss members who violate the standards of the National Honor Society. The TVS chapter would also be governed by the rules and regulations as stated in the Student Handbook.

Section 3. Upon receiving notification of a violation, the adviser shall proceed using the national policies of the NHS as a guide:

- Notify the member of the charge.
- Convene the Faculty Council for the purpose of hearing the charge.
- Provide in writing the nature of the violation, the time period given for improvement and/or probation, and provide warning of the possible consequences of non-improvement.
- Provide the member in violation the opportunity to respond either in writing or orally.

Twin Valley South Bylaws - Adopted annually by School Board Approval of Student Handbook. Bylaws will be published in the Student Course Description Guide, the TVS HS Student Handbook & NHS web page.

