



Where the World is Your Classroom

2017 - 2018

Course Description Book

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St. Vrain Online Global Academy

Course Description Book

Welcome to St. Vrain Online Global Academy! This Course Description and Course Registration Guide has been developed to assist you in planning a course in study for your high school career. In addition to containing course descriptions, this guide contains requirements that you must meet to graduate from St. Vrain Online Global Academy.

Study the graduation requirements, college entrance requirements and Advanced Placement Program information, and the recommended St. Vrain Online Global Academy Four Year Plan (www.collegeincolorado.org). Then review the course offerings and plan your own course of study with your parents and the St. Vrain Online Global Academy counselor. Your choice of courses should be based on graduation requirements, your interests and abilities, your past achievements, and your post high school plans.

College Admissions

Students planning to continue their formal education after graduation should consider the following factors used by colleges to make admissions decisions. College information, financial aid, and scholarship information can be found by talking with the St. Vrain Online Global Academy counselor.

1. **Grade Point Average and Grades in College Preparatory Courses.** Your high school academic record of achievement still serves as the best predictor of academic success in college. Your grade point average and selection of college preparatory courses are two of the most important factors colleges consider when making admissions decisions.
2. **Quality of Course Selection.** Colleges closely examine the quality of a student's academic transcript. For most colleges and universities, a **minimum** preparation should include 4 years of English, 4 years of Mathematics, 3 years of Science (laboratory), 3 years of Social Studies, and 2-3 years of World Languages. **However, students should consult the catalog of the college or university that they are interested in attending to determine the exact requirements.**
3. **College Admission Tests.** Colleges normally require college-bound students to take either the American College Test (ACT) or the Scholastic Aptitude Test (SAT) to assist in making admissions decisions. Either test should be taken in the student's junior or senior year. All juniors are required to take the SAT each spring as mandated by state law.
4. **College Essay.** An increasing number of colleges require a college essay as part of the application process. Most colleges will provide a topic to address in your essay with a limit on the number of words used in the essay.
5. **Letters of Recommendation.** Some colleges and scholarship donors may request personal letter(s) of recommendation from counselors, teachers, administrators, employers or individuals from the community. Be sure to give the person writing your letter of recommendation some information about yourself and your activities. Allow at least two weeks for the letter to be completed. Be sure to write a thank you note to any recommender(s).
6. **Co-curricular Activities.** Participation in activities beyond your academic pursuits is important. This could include volunteer work, consistent employment, clubs, athletics, band/orchestra/choir activities, and national organization memberships. The quality of a student's involvement is considered more important than the quantity.

Colorado Commission on Higher Education Standards for College Entrance

Meeting the Higher Education Admissions Requirements does not guarantee admission to a four-year public institution. Colleges and universities may have additional requirements. Please refer to the Colorado Commission on Higher Education website for the most recent information.

<http://higherred.colorado.gov/Academics/Admissions/coursecompletion.html>

Students planning to attend a four-year college or university in Colorado will need to complete the following classes in order to fulfill the Higher Education Admission Requirements. In addition to the Higher Education Admission Requirements, a student's admission may also be based on his/her Admission Eligibility Index Score.

(<http://higherred.colorado.gov/Academics/Admissions/IndexScore/default.asp>)

For students who entered high school prior to Fall 2017:

St. Vrain Valley School District Graduation Requirements		Colorado Commission on Higher Education (CCHE) Admission Requirements	
TOTAL CREDITS	24.5 CREDITS	Credits	
Language Arts	4.0 credits	4	English
Math	3.0 credits	4	Math (Algebra I, Geometry, Algebra II, or equivalents)
Science	3.0 credits	3	Natural/Physical Science (2.0 credits must be lab based)
Social Studies	3.0 credits	3	Social Studies (at least 1.0 credit either US or World History)
		2	World language course--must be in the same language
Electives	9.0 credits	2	Academic Electives: Computer science, art, music, journalism or drama. Also acceptable are honors, advanced placement and/or International Baccalaureate (IB) courses.
Physical Education	2.0 credits		
Health	0.5 credits		

For students who enter 9th grade beginning the Fall of 2017:

St. Vrain Valley School District Graduation Requirements		Colorado Commission on Higher Education (CCHE) Admission Requirements	
TOTAL CREDITS	24.5 CREDITS	Credits	
Language Arts	4.0 credits	4	English
Math	3.0 credits	4	Math (Algebra I, Geometry, Algebra II, or equivalents)
Science	3.0 credits	3	Natural/Physical Science (2.0 credits must be lab based)
Social Studies	3.5 credits	3	Social Studies (at least 1.0 credit either US or World History)
		2	World language course--must be in the same language
Electives	8.5 credits	2	Academic Electives: Computer science, art, music, journalism or drama. Also acceptable are honors, advanced placement and/or International Baccalaureate (IB) courses.
Physical Education	2.0 credits		
Health	0.5 credits		

Sample College Admission Criteria

Admission criteria to colleges and universities vary. On a continuum of expectations and requirements, the following examples provide general indicators.

Most Selective Colleges/Universities

Examples: U. S. Air Force Academy, Stanford University, Ivy League universities, Northwestern University, Duke University

Minimum of 18 core units: English 4, Math 4, Social Studies 3-4, Science 3-4, Foreign Language 3-4
Advanced Placement Courses Required

G.P.A. 3.8+ (academic courses only)
SAT 1300+
ACT 28+

Very Selective Colleges/Universities

Examples: Colorado College, Colorado School of Mines, University of Puget Sound, Middlebury College, Illinois Wesleyan University, Tulane University

Minimum of 18 core units: English 4, Math 4, Social Studies 3-4, Science 3-4, Foreign Language 3-4
Advanced Placement Courses Required

G.P. A. 3.6+ (academic courses only)
SAT 1200+
ACT 27+

Selective Colleges/Universities

Examples: University of Colorado-Boulder, University of Denver, Colorado State University, Regis University, Arizona State University, Cornell College, American University, Vanderbilt University

Minimum of 16 core units: English 4, Math 3-4, Social Studies 3-4, Science 3-4, Foreign Language 2-3
Advanced Placement Courses Highly Recommended

G.P. A. 3.4+
SAT 1100+
ACT 26+

Competitive I College

Examples: University of Northern Colorado, Colorado Christian University, University of Colorado at Colorado Springs, University of Colorado at Denver, Texas Christian University, Kent State University, Lesley University, Virginia Commonwealth University

Minimum of 15+ core units: English 4, Math 3-4, Social Studies 3, Science 3, Foreign Language 1-3
Advanced Placement Courses Recommended

G.P.A. 3.0+
SAT 950+
ACT 20+

Competitive II College

Example: Fort Lewis College, Adams State College, Mesa State College, Metro State College of Denver, Western State College, Montana State University, Baker University, Plymouth State College, Grambling State University

Minimum of 14 core units: English 4, Math 3-4, Social Studies 3, Science 3, Foreign Language 1-2

G.P.A. 2.5+
SAT 850+
ACT 18+

Information For Prospective College Athletes To Meet NCAA Clearinghouse Requirements

Students who wish to participate in collegiate athletics at the Division I or II level must apply for certification with the National Collegiate Athletic Association (NCAA) Clearinghouse during the fall of the senior year of high school. The St. Vrain Online Global Academy counselor can assist students with applying to the NCAA Clearinghouse.

ACADEMIC ELIGIBILITY*

Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The web site is www.eligibilitycenter.org.

DIVISION I

NCAA Division I requires 16 core courses. Division I have a sliding scale for test score and grade point average. The sliding scale for those requirements is shown in the columns to the right. Only core courses are used in the calculation of the grade-point average. Students must earn at least a 2.3 GPA in their core classes.

16 Core-Course Rule

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 year of additional English, mathematics or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or non doctrinal religion/philosophy).

DIVISION II

NCAA Division II requires 16 core courses. See the breakdown of core-course requirements below. The Division II grade-point-average requirement is a minimum of 2.000. Only core courses are used in the calculation of the grade-point average. Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.

14 Core-Course Rule

- 3 years of English
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 3 years of additional English, mathematics or natural/physical science
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.

All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

****NCAA Requirements are subject to change. Consult the NCAA website at www.eligibilitycenter.org for the most current requirements. If you have questions, call the NCAA Eligibility Center at 877-262-1492.**

NEW CORE GPA/TEST SCORE INDEX

Core GPA	SAT	ACT
3.550 & Above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75

Career And Educational Four-Year Planning Calendar

FRESHMAN YEAR

August	Check in on assigned day. Check for activities and clubs you would be interested in joining.
September	During the first semester, students will complete their four-year high school plan with their counselor. Individual Career and Academic Plans (ICAP) can be accessed through www.collegeincolorado.org .
October	Take the EXPLORE Test, a pre-ACT assessment to determine college readiness for 9 th grade students.
Sept. - June	Discuss with teachers, parents, and counselors concerns about grades, academic achievement, and preparation for post high school goals. Students are encouraged to take a rigorous course load. Parents and students are encouraged to attend Back-to-School night.
February	Read and review course offerings in the Course Description Book and Registration Guide. Discuss questions and concerns with parents, teachers and/or counselor. Keep your post-high school goals in mind as you choose courses. Complete registration for sophomore year.
March	Take PARCC test (state mandated).
May	Review requested sophomore schedule for accuracy and appropriateness if available.
Summer	Volunteer and/or get a job to build your resume and save for college.

SOPHOMORE YEAR

August	Check in on assigned day.
Sept. – June	Continue to self-monitor academic progress, seeking help and support when needed. Parents and students are encouraged to attend Back-to-School night. Begin exploring post-high school options. Identify career interest areas and explore career opportunities by interviewing or job shadowing professionals in your areas of interest. Attend college information night and any college fairs that are held in the Longmont and/or Denver-Metro area.
October	Take the PLAN Test, a pre ACT assessment to determine college readiness for 10 th grade students. Attend a College Fair Night.
February	Read and review course offerings in the Course Description Book and Registration Guide. Discuss questions and concerns with parents, teachers and/or counselor. Keep your post-high school goals in mind as you choose courses. Complete registration for junior year.
April	Take PSAT test (state mandated).
May	Review requested junior schedule for accuracy and appropriateness if available.
Summer	Volunteer and/or get a job to build your resume and save for college.

JUNIOR YEAR

- August** Check in on assigned day.
- Sept - June** Continue to self-monitor academic progress seeking help and support when needed. Parents and students are encouraged to attend Back-to-School night. Take an SAT Prep course if appropriate. Continue to explore post-high school options and career interests. Job shadowing is strongly encouraged. Attend college fairs held in Longmont and the Denver-Metro area during the fall. Meet with college admission representatives. Visit college campuses when possible.
- October** Take the PSAT, a practice exam for the SAT that also determines eligibility for the National Merit Scholarship Program. Attend a College Night
- February** Read and review course offerings in the Course Description Book and Registration Guide. Discuss questions and concerns with parents, teachers and/or counselor. Keep your post-high school goals in mind as you choose courses. Complete registration for senior year. Register for April state mandated SAT test.
- April** Take SAT (state-mandated).
- May** Take Advanced Placement examinations, if appropriate. Review requested senior schedule for accuracy and appropriateness if available. Identify people that know you well and could write a letter of recommendation. Research college admission essay requirements from schools you will apply to in the fall.
- June** Take/Re-take the ACT and/or SAT tests. Student-athletes planning on playing athletics at a Division I or Division II school should register with the NCAA Clearinghouse at 222.eligibilitycenter.org
- Summer** Make college visits; interview college admissions representatives and narrow your list of college choices. Volunteer and/or get a job to build your resume and save for college.

SENIOR YEAR

- August** Check in on assigned day.
- Sept. - June** Continue to self-monitor academic progress seeking help and support when needed. Students are strongly encouraged to maintain a rigorous course load. Meet with counselor to begin college application process and to review summary of high school credits. Register and take/retake ACT and/or SAT I and SAT II tests (October. – December. test dates are recommended) Meet with college admissions counselors/representatives and continue to make campus visits. Request letters of recommendation from your counselor and/or teachers who are familiar with you and your academic potential. You may also ask an employer for a recommendation letter.
- October** Attend the District Financial Aid Night for information about applying for financial aid and the St. Vrain Valley Local Scholarships. Begin working on the Free Application for Federal Student Aid (FAFSA) www.fafsa.gov. Complete and file financial aid forms and scholarship applications by college deadlines.
- December** Finalize college applications and turn them into the counseling office to meet most Regular Decision college deadlines.
- February** St. Vrain Valley Local Scholarships are due the last week in February. As detailed in the packet, submit applications to the counselor or to the specified organizations listed.
- April** Notify your college/university of choice that you will attend in the fall and pay your confirmation deposit.
- May** Take Advanced Placement examinations, if appropriate.
- GRADUATE!!**

Honor Roll

An Honor Roll will be published each 18-week term. There are three (3) categories for honor roll recognition: a grade point average of 4.0, 3.5 and 3.0. The Honor Roll is determined from the grades reported by Florida Virtual School teachers and our school district's Infinite Campus transcript. Students on Honor Roll must be enrolled in and complete 5 classes or 2.5 credits throughout the 18-week term to be considered for Honor Roll Achievement.

St. Vrain Academic Lettering Policy

St. Vrain Valley School District's high schools award letters for academic achievement. Students may qualify for an academic letter each semester. To initially qualify for an academic letter:

1. A student must earn a 3.75 grade point average for the semester.
2. A student must be enrolled as a full-time student and be enrolled in a minimum of three core area classes (English, Mathematics, Social Studies, Science or World Language).
3. Courses taken on a pass/fail basis (student aiding, elementary assistants and work study will *NOT* be considered in the computation of academic lettering.
4. All Advanced Placement, International Baccalaureate and concurrent classes will be considered core area courses.
5. Credit toward an academic letter must be earned in the qualifying semester. Credit and GPA may *NOT* be carried from one semester to the next.

Subsequent qualifying semesters of academic achievement per the above guidelines will result in the award of an academic bar to be worn on the letter.

Athletic Eligibility

A student's eligibility is based on both current and previous semester terms of enrollment. To maintain eligibility, a student must be enrolled in a minimum of 2.5 credits each semester. In addition, a student must have passed a minimum of 2.5 credits within the prior semester and must be passing a minimum of 2.5 credits in the current semester. To insure that a student athlete meets the minimum requirement for eligibility, a student must maintain adequate progress of 30% weekly in their online courses. Adequate progress will be adjusted accordingly if a student athlete is dually enrolled in their brick and mortar school of residence or CDC.

Concurrent College Enrollment

The Concurrent College Enrollment program provides an opportunity for juniors or seniors to earn both high school and college credit for a college course that is taken concurrently with their high school coursework. The school district will reimburse tuition for up to two courses per semester (not summer school). This option is available only to those 11th and 12th grade students who have completed a minimum of 11.5 credits toward graduation and are under 20 years of age. The courses must be pre-approved and successfully completed (on-line courses, correspondence courses, summer school courses and CU-Boulder night courses are not eligible for reimbursement).

Please note that this program is designed to enrich a student's educational experience by providing curricular options beyond what is offered at our St. Vrain Valley high schools; it is not intended to duplicate opportunities that are available through coursework offered at our St. Vrain Valley high schools.

Students wishing to participate in this program must apply in early November for the Spring semester and in late March/early April for the Fall semester. If a student is interested in participating in concurrent enrollment classes, he/she should speak directly with the St. Vrain Online Global Academy counselor.

Registration Guidelines

- Freshmen level students must be enrolled in 7 classes per semester and 14 classes per year.
- Sophomore, Junior and Senior level students must be enrolled in at least 6 classes per semester and 12 classes per year (enrollment in a least six classes is necessary for all students and for athletic and academic eligibility per school board policy).
- School Board Policy stipulates that at least 10 credits must be earned in the junior and senior years.
- If you are an athlete, it is your responsibility to know and understand the eligibility requirements.

Definition of Terms

Letter Grades: All courses receiving a letter grade will be used in computing a student's grade point average (GPA). Courses awarding Pass/Fail are the only exception and are not calculated in the GPA.

Grade Point Average: The grading scale includes A, B, C, D, and F letter grades. The following point average will be used to compute grade point averages: A = 4 points; B = 3 points; C = 2 points; D = 1 point; F = 0 points.

Weighted Grades: Some Honors courses and all Advanced Placement grades have weighted grading.

The Honors weighted scale is: A = 4.5, B = 3.5, C = 2.5, D = 1.5, F = 0.

The AP weighted scale is A = 5.0, B = 4.0, C = 3.0, D = 2.0, F = 0.

Cumulative Grade Point Average: The average obtained by dividing the total number of grade points earned in high school divided by the total number of credits attempted.

Current Grade Point Average: The average obtained by dividing the total of the grade points earned during the current grading period by the total number of credits attempted during the current grading period.

Valedictorians/Salutatorians: To be considered for the valedictorian or salutatorian, a student must be enrolled at SVOGA for a period of at least one year, take a minimum of 10 classes and have a GPA above 4.0. The student with the highest GPA above 4.0 who meets the qualifications will be selected as the valedictorian. The salutatorian will be the student with the next highest GPA above 4.0 who meets the qualifications. These students will be recognized as honor graduates. Modified resource grades are not considered in determining valedictorian/salutatorian status.

Credit: Recognition that a student has fulfilled a requirement leading to high school graduation. St. Vrain Online Global Academy students must earn a minimum of 24.5 credits in order to graduate.

0.5 Credit: One-half credit is the equivalent of one semester of successfully completed coursework.

1.0 Credit: One credit is the equivalent of two semesters of successfully completed coursework.

ST. VRAIN VALLEY SCHOOL DISTRICT GRADUATION REQUIREMENTS
For the Graduating Classes of 2017 - 2020
Minimum number of credit to graduate: 24.5

Language Arts (4.0 Credits)			Physical Education (2.0 Credits)		
English I (S1)			Phys. Ed.		
English I (S2)			Phys. Ed.		
English II (S1)			Phys. Ed.		
English II (S2)			Phys. Ed.		
English III (S1)					
English III (S2)			Health (.5 Credit)		
English IV (S1)			Health		
English IV (S2)					
			Electives (9.0 Credits)		
Mathematics (3.0 Credits)*			Fine Art		
Mathematics*			Practical Art		
Mathematics*			Elective		
Mathematics*			Elective		
Mathematics*			Elective		
Mathematics*			Elective		
Mathematics*			Elective		
			Elective		
Science (3.0 Credits)			Elective		
Science			Elective		
Science			Elective		
Science			Elective		
Science			Elective		
Science			Elective		
Science			Elective		
			Elective		
Social Studies (3.0 Credits)			Elective		
World Geo/Hist (S1)			Elective		
World Geo/Hist (S2)					
U.S. History (S1)					
U.S. History (S2)					
U.S./CO Government					
Economics					

*Classes must be Algebra I or higher

COLORADO COMMISSION ON HIGHER EDUCATION STANDARDS FOR COLLEGE ENTRANCE

In order to gain admission to any state universities, students must demonstrate successful completion of the following coursework while in high school:

English.....	4 years	Social Studies.....	3 years
Math.....	4 years	Academic Electives.....	2 years
Science (including 2 lab courses).....	3 years	World Language	2 years

**New Graduation Requirements
beginning with the graduating class of 2021**

Components of Graduation Requirements: (1) Coursework, (2) College and Career Readiness, and (3) Individual Career and Academic Plan. Students must meet all of the three (3) requirements in order to graduate.

I. COURSEWORK: Graduates will complete a total of 24.5 credits in grades 9-12 to graduate.

Language Arts (4.0 Credits)			Physical Education (2.0 Credits)		
English I (S1)			Phys. Ed.		
English I (S2)			Phys. Ed.		
English II (S1)			Phys. Ed.		
English II (S2)			Phys. Ed.		
English III (S1)					
English III (S2)			Health (.5 Credit)		
English IV (S1)			Health		
English IV (S2)					
			Electives 8.5 Credits)		
Mathematics (3.0 Credits)*			Fine Art		
Mathematics*			Practical Art		
Mathematics*			Elective		
Mathematics*			Elective		
Mathematics*			Elective		
Mathematics*			Elective		
Mathematics*			Elective		
			Elective		
Science (3.0 Credits)			Elective		
Science			Elective		
Science			Elective		
Science			Elective		
Science			Elective		
Science			Elective		
Science			Elective		
			Elective		
Social Studies (3.5 Credits)			Elective		
World Geo/Hist (S1)			*Classes must be Algebra I or higher		
World Geo/Hist (S2)					
U.S. History (S1)					
U.S. History (S2)					
U.S./CO Government					
Economics					
Personal Financial Literacy					

COLORADO COMMISSION ON HIGHER EDUCATION STANDARDS FOR COLLEGE ENTRANCE

In order to gain admission to any state universities, students must demonstrate successful completion of the following coursework while in high school:

- | | |
|---|--------------------------------|
| English.....4 years | Social Studies.....3 years |
| Math.....4 years | Academic Electives.....2 years |
| Science (including 2 lab courses).....3 years | World Language2 years |

II. COLLEGE AND CAREER READINESS: Graduates will demonstrate college and or career readiness in both English and Mathematics based upon at least one measure shown below.

<i>Assessment</i>	<i>English Minimum Score</i>	<i>Math Minimum Score</i>
Accuplacer	62 on Reading Comprehension	61 on Elementary Algebra
ACT	18 on ACT English	19 on ACT Mathematics
ACT Compass	79	63
ACT WorkKeys	Bronze or Higher	Bronze or Higher
Advanced Placement	2	2
ASVAB	31	31
Concurrent Enrollment	Passing grade per district and higher education policy	Passing grade per district and higher education policy
District Capstone	Individualized	Individualized
Industry Certificate	Individualized	Individualized
International Baccalaureate	4	4
SAT	430	460

III. INDIVIDUAL CAREER AND ACADEMIC PLAN: Graduates will develop and complete an Individual Career and Academic Plan (ICAP). The ICAP is a multi-year plan that intentionally guides students and families in the exploration of career, academic, and postsecondary pathways.

OUR COURSES AND CURRICULUM

FLVS Global provides our courses and curriculum. Florida Virtual School pioneered virtual learning for public schools and has won many honors and awards since their inception. Highly qualified and certificated teachers teach all online courses, and the curriculum meets not only Colorado State Standards but also the iNACOL (International Association for K-12 Online Learning) National Teaching and Learning Standards for Quality Online Programs. Florida Virtual School is fully accredited by the Southern Association of Colleges and Schools and The Commission on International and Trans-Regional Accreditation. The NCAA Clearinghouse also approves the Florida Virtual School core course curriculum, and the AP College Board approves Advanced Placement courses.

In addition to the courses available for our students through Florida Virtual School, students may choose to take courses through their home high school that are not provided by our program on a space available basis. All Career Development Center courses are also open to students at St. Vrain Online Global Academy. If you are interested in classes at your home high school or CDC, please speak with the St. Vrain Online Global Academy counselor.

Work Study

The work-study program is offered to juniors and seniors. Students may earn a maximum credit of 0.5 per semester but no more than 1.0 credit for both the junior and senior year. Students will be graded on a pass/withdraw basis and must work a minimum of 15 hours per week. Duplicate credit will not be awarded for students receiving credit in a CDC co-op or special credit work experience program. If interested, please speak with the St. Vrain Online Global Academy counselor.

Honors/College Prep/Advanced Placement Courses

St. Vrain Online Global Academy offers the following **honors** courses

English I Honors	Algebra I Honors	Anatomy & Physiology Honors	Economics Honors
English II Honors	Algebra II Honors	Biology Honors	United States Government Honors
English III Honors	Geometry Honors	Chemistry Honors	United States History Honors
English IV Honors		Earth Space Science Honors	World History Honors
		Marine Science Honors	
		Physical Science Honors	
		Physics Honors	

Honor courses are weighted on a 4.5 scale at the freshman and sophomore level only in English, Science and Social Studies (weighted courses are shown in bold). Honor courses are meant to challenge and prepare students for the rigor of AP courses and college level courses.

St. Vrain Online Global Academy offers the following **Advanced Placement** Courses that have been approved by the College Board:

AP Art History**	AP Biology**	AP Calculus AB**
AP Calculus BC	AP Computer Science A	AP English Language**
AP English Literature**	AP Environmental Science	AP Human Geography
AP Macroeconomics**	AP Microeconomics	AP Psychology
AP Statistics	AP US Government	AP U.S. History

Advanced Placement Courses are intensive, college-level courses offered in high school and are weighted on a 5.0 scale. Each May, optional culminating examinations are held. Examinations are graded on a scale of 1 to 5, with 1 indicating “no recommendation” and 5 indicating “extremely well qualified. Students who score a 3 or better on the exam may receive credit at the college level (cost of the AP exam is paid for by the student). Students may also be eligible for AP Scholar awards. For more information, <http://apcentral.collegeboard.com/apc/Controller.jspf>

High School Sample Course Progression Recommendation

REGULAR TRACK	HONORS TRACK	ADVANCED AC
9th Grade	9th Grade	9th Gr
English 1	English 1 Honors	English 1 Honors
Algebra 1	Algebra I Honors	Algebra 1 Honors
World History	World History Honors	World History Honors
Earth Space Science	Earth Space Science Honors	Earth Space Science Honors
Health (0.5 credit)	Elective (0.5 credit)	Elective (0.5 credit)
Elective (1.0 credit)	Elective (1.0 credit)	Elective (1.0 credit)
Elective (1.0 credit)	Elective (1.0 credit)	Elective (1.0 credit)
10th Grade	10th Grade	10th G
English 2	English 2 Honors	English 2 Honors
Geometry	Geometry Honors	Geometry Honors
Biology	Biology Honors	Biology Honors
United States History	United States History Honors	AP US History
Chinese I, French I, Latin I, or Spanish 1	Chinese I, French I, Latin I, or Spanish 1	Chinese I, French I, Latin I, or Spanish
Elective (1.0 credit)	Elective (1.0 credit)	Elective (1.0 credit)
11th Grade	11th Grade	11th G
English 3	English 3 Honors or AP Language	AP Language
Economics and Government	Economics Honors and Government Honors	AP Economics and AP Government
Algebra 2 or Liberal Arts Math**	Algebra 2 Honors	Algebra 2 Honors
Chemistry or Marine Science	Chemistry Honors or Marine Science Honors	Chemistry Honors or Marine Science H
Chinese 2, French 2, Latin 2, or Spanish 2	Chinese 2, French 2, Latin 2, or Spanish 2	Chinese 2, French 2, Latin 2, or Spanish
Elective (1.0 credit)	Elective (1.0 credit)	Elective (1.0 credit)
12th Grade	12th Grade	12th G
English 4	English 4 Honors or AP Literature	AP Literature
Personal Financial Literacy (0.5 credit)	Personal Financial Literacy Honors (0.5 credit)	Personal Financial Literacy Honors (o.5
Algebra 2, Liberal Arts Math** or Pre-Calculus	Pre-Calculus Honors	Pre-Calculus Honors or AP Calculus A
Physics (1.0 credit)	Physics Honors (1.0 credit)	Physics Honors (1.0 credit)
Elective (1.0 credit)	Elective (1.0 credit)	Elective (1.0 credit)
Elective (1.0 credit)	Elective (1.0 credit)	Elective (1.0 credit)

**Liberal Arts Math does not meet NCAA requirements, and may not fulfill admission requirements to 4-year universities.

St. Vrain Online Global Academy
 2017-18 Course Catalog (subject to change)
 Courses provided by FLVS Global

Language Arts/English		Mathematics		Science	
1.0	English I/English I Honors	1.0	Algebra I/Algebra I Honors*	1.0	Physical Science/Physical Science Honors
1.0	English II/English II Honors	1.0	Geometry/Geometry Honors	1.0	Earth Space Science/Earth Space Honors
1.0	English III/English III Honors	1.0	Integrated Mathematics I, II, III	1.0	Biology/Biology Honors*
1.0	English IV/English IV Honors	1.0	Liberal Arts Mathematics	1.0	Anatomy/Physiology/Anatomy/Physiology Honors
1.0	AP English Language and Composition*#	1.0	Algebra II/Algebra II Honors	1.0	Chemistry/Chemistry Honors
1.0	AP English Literature and Composition*#	1.0	Math for College Readiness	1.0	Marine Science/Marine Science Honors
		1.0	Adv. Algebra with Financial Applications	1.0	Physics/Physics Honors
		1.0	Pre-Calculus Honors	1.0	AP Environmental Science
		1.0	Calculus Honors	1.0	AP Biology#
		1.0	AP Statistics		
		1.0	AP Calculus AB#		
		1.0	AP Calculus BC		
Social Studies		Health/PE		World Languages	
1.0	World History/World History Honors		HEALTH	1.0	Chinese I, II, III
1.0	United States History/United States History Honors	0.5	Life Management Skills	1.0	French I, II
0.5	US Government/US Government Honors			1.0	Latin I, II, III
0.5	Economics/Economics Honors		PHYSICAL EDUCATION	1.0	Spanish I, II, III, IV Honors
1.0	AP United States History	0.5	Fitness Lifestyle Design	1.0	Spanish for Spanish Speakers
0.5	AP United States Government#	1.0	Health Opportunities through PE		
0.5	AP Macroeconomics#	0.5	Personal Fitness		
0.5	AP Microeconomics*				
Electives--Fine Arts		Electives--Practical Arts		Electives--General	
	ART		BUSINESS	0.5	ELL Success
1.0	Creative Photography I	0.5	Personal and Family Finance	1.0	Journalism I
1.0	Art History and Criticism I Honors	0.5	Dave Ramsey's Foundations in Personal Finance	0.5	Social Media
1.0	AP Art History*#			0.5	College and Career Readiness
			FAMILY AND CONSUMER	0.5	Critical Thinking and Study Skills
	MUSIC	0.5	Parenting Skills	1.0	Leadership Skills Development
1.0	Music of the World			0.5	Leadership Skills Development II
1.0	Guitar		TECHNOLOGY	1.0	Forensic Science
		1.0	Foundations of Programming	1.0	Global Studies
	THEATRE	1.0	AP Computer Science A	0.5	Psychology
1.0	Theatre, Cinema, and Film Production	1.0	Digital Information Technology	0.5	Law Studies
		1.0	Foundations of Web Design	1.0	AP Psychology*
				1.0	AP Human Geography

*FLVS Mobile Learning Apps are available at the iTunes App Store, Android Market, and Intel AppUp

#AP Exam Reviews Available

COURSE DESCRIPTIONS

To achieve success, students are expected to submit work in each course weekly. Students are able to learn at their own pace; however, **“any pace” still means that students must make progress in the course every week.** To measure learning, students complete self-checks, practice lessons, multiple choice questions, projects, discussion-based assessments, and collaborations. Students are expected to maintain regular contact with teachers; the minimum requirement is monthly. When teachers, students, and parents work together, students are successful.

LANGUAGE ARTS

To meet high school graduation requirements, students are required to successfully complete 4.0 credits or 8 semesters of Language Arts coursework.

LA110 English I

LA111 English I Honors

Grades: 09

Prerequisites: None

Credits: 1.0/1.0 Honors Weighted Credit

Description: Join us in English I for a series of journeys. In each unit of the course, we embark on a new journey. Through the study of literature, nonfiction, and life, we will explore the unknown, search for identity and equality, and seek achievement, opportunity, and understanding. You will read to analyze the way language is used to express human motivation and will research to examine the results of actions in the real world. The lessons in each unit will give you the tools you need to gain insights from what you read and to use your knowledge in creative and analytical writing.

For more information, www.flvsglobal.net/course/flvs-hosted/English-Language-I/529

LA120 English II

LA121 English II Honors

Grades: 10

Prerequisites: English I is recommended

Credits: 1.0/1.0 Honors Weighted Credit

Description: In English II, students learn how the human experience—real life—is the foundation of the best stories, plays, poems, films, and articles. The four modules—Live Love Laugh, Obstacles, Fear, and Betrayal—allow students to focus on particular aspects of the human experience. Throughout the course, students explore what it means to be human, what it means to be fulfilled, challenged, transformed, and intellectually active. Designed to meet Common Core Standards, the course takes an in-depth look at pieces of literature through close reading, the use of textual evidence in writing, the creation of arguments through research and facts, and the application of writing and revision strategies. Additionally, students will encounter new vocabulary and vocabulary acquisition strategies, learn and refine the grammar and mechanics of their writing, discover the power of literary devices, investigate structures, and engage in thought-provoking projects.

For more information, www.flvsglobal.net/course/flvs-hosted/English-Language-II/532

LA130 English III

LA131 English III Honors

Grades: 11

Prerequisites: English I and II are recommended

Credits: 1.0

Description: “Extra, extra, read all about it!” It’s all right here in black and white, in the pages of The Virtual Times newspaper. Published at key periods in our American history, The Virtual Times takes us right into the action. The writing is clear and concise. The stories and opinions give us perspective. The sports and entertainment sections give us the color and flavor of the times. In English III, the writing and insights of authors throughout our history are collected in the fast-paced pages of The Virtual Times. Students gain an appreciation of American literature and the ways it reflects the times in which it was written. They discover how people thought and lived and wrote about their experiences. Students are also asked to observe, investigate and report on stories of today. The goal for students is to be thorough, accurate, and compelling in their writing.

For more information, www.flvsglobal.net/course/flvs-hosted/English-Language-III/539

LA140 English IV

LA 141 English IV Honors

Grades: 12

Prerequisites: English I, II and III are recommended

Credits: 1.0

Description: Come explore the world of big ideas in English IV, where you are able to choose which path you will travel first as you explore highly-engaging, thematic units. Each path will guide you through a series of literary pieces that allow you to analyze the political, social, economic, and cultural messages of its time as well as its relevance to the world you live in today. Each path revolves around a central theme. The works in the course span a period of over 1000 years and have been written by authors who share common ideas, but employ a variety of literary genres to express their views. Whether it is the dramatic ending of a play, or the colorful images in a verse of poetry, the words of these authors will leave you with a new understanding of the world around you. As you travel down each path, you will create authentic work pieces that will engage you in higher-level learning and provide you with a greater understanding of literature and its connection to the world.

For more information, www.flvsglobal.net/course/flvs-hosted/English-Language-IV/544

LA500 AP English Language and Composition*

Grades: 11, 12

Prerequisites: English I and English II

Credits: 1.0 Advanced Placement Weighted Credit

Description: An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The college composition course for which the AP English Language and Composition course substitutes is one of the most varied in the curriculum.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-English-Language-and-Composition/492

**An exam review is available for this course which will allow students to be able to improve their test-taking strategies specific to AP exams, and students have access to real student work samples with explanations for graded entries.*

LA510 AP English Literature and Composition*

Grades: 12

Prerequisites: English I, English II and English III

Credits: 1.0 Advanced Placement Weighted Credit

Description: For a year, participate in an AP upscale dining experience in the AP Literature and Composition course. Students act as food critics of exquisite literary cuisine. Menu items include reading, analyzing, writing, rewriting, and discussing creations by the master chefs, renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this dining experience equips students with recipes for success in college, in a career and the AP exam.

For more information, www.flvsglobal.net/course/flvs-hosted/English-Literature-and-Composition/494

**An exam review is available for this course which will allow students to be able to improve their test-taking strategies specific to AP exams, and students have access to real student work samples with explanations for graded entries.*

MATHEMATICS

To meet graduation requirements, students are required to successfully complete 3.0 credits or 6 semesters of Mathematics coursework.

MA110 Algebra I

MA111 Algebra I Honors

Grades: 9, 10, 11, 12

Prerequisites: 7th grade mathematics

Credits: 1.0

Description: Algebra I is the foundation--the skills acquired in this course contain the basic knowledge needed for all future high school math courses. The material covered in this course is important, but everyone can do it. Anyone can have a good time solving the hundreds of real-world problems algebra can help answer. Each module in this course is presented in a step-by-step way right on the computer screen. Hands-on labs make the numbers, graphs, and equations more real. The content in this course is tied to real-world applications like sports, travel, business, and health. This course is designed to give students the skills and strategies to solve all kinds of mathematical problems. Students will also acquire the confidence needed to handle everything high school math has in store for them.

For more information, www.flvsglobal.net/course/flvs-hosted/Algebra-I/573

MA115 Advanced Algebra with Financial Applications

Grades: 9, 10, 11, 12

Prerequisites: Algebra II recommended

Credits: 1.0

Description: This course walks students through the information needed to make the best decisions with money. Advanced Algebra with Financial Applications is an advanced course incorporating real-world applications, collaboration, and calculations using technology. Students learn the formulas used to determine account balances, monthly payments, total costs, and more. They examine budgeting, spending, saving, investment, and retirement. Students explore mortgages and other debt structures and how to make good decisions about borrowing money. This knowledge will propel students into the future with a good foundation on how to handle finances.

For more information, www.flvsglobal.net/course/flvs-hosted/Advanced-Algebra-with-Financial-Applications/564

MA120 Geometry

MA121 Geometry Honors

Grades: 9, 10, 11, 12

Prerequisites: Algebra I or its equivalent

Credits: 1.0

Description: Geometry is everywhere, not just in pyramids. Engineers use geometry to build highways and bridges. Artists use geometry to create perspective in their paintings, and mapmakers help travelers find things using the points located on a geometric grid. Throughout this course, students travel a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving.

For more information, www.flvsglobal.net/course/flvs-hosted/Geometry/600

MA125 Liberal Arts Mathematics

Grades: 10, 11, 12

Prerequisites: Algebra I is required and Geometry is recommended

Credits: 1.0

Description: Liberal Arts Mathematics is a course designed to strengthen mathematical skills for study beyond Algebra I. The topics include, but are not limited to, linear equations and inequalities, operations with polynomials, data representation and analysis, geometric constructions, symmetry, similarity, systems of linear equations and inequalities, functions, quadratic equations, exponential equations, rational equations, radical equations, and graphing equations and functions.

Please note: This course does not meet the academic core requirement for math for entry into some colleges/universities or NCAA Clearinghouse. Please check with the SVOGA counselor before registering for this course.

For more information, www.flvsglobal.net/course/flvs-hosted/Liberal-Arts-Math-I/615

MA130 Algebra II

MA131 Algebra II Honors

Grades: 9, 10, 11, 12

Prerequisites: Algebra I and Geometry

Credits: 1.0

Description: This course allows students to learn while having fun. Interactive examples help guide students' journey through customized feedback and praise. Mathematical concepts are applied to everyday occurrences such as earthquakes, stadium seating, and purchasing movie tickets. Students investigate the effects of an equation on its graph through the use of technology. Students have opportunities to work with their peers on specific lessons. Algebra II is an advanced course using hands-on activities, applications, group interactions, and the latest technology.

For more information, www.flvsglobal.net/course/flvs-hosted/Algebra-II/583

MA135 Math for College Readiness

Grades: 10, 11, 12

Prerequisites: Algebra I, Algebra II, and Geometry

Credits: 1.0

Description: Are you ready for college success? This course is intended for grade 11 or 12 students, who need or want some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Common Core Standards for Mathematical Practices as well as the following Common Core Standards for Mathematical Content: Expressions and Equations, the Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Common Core Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

For more information, www.flvsglobal.net/course/flvs-hosted/Math-for-College-Readiness/624

MA140 Pre-Calculus Honors

Grades: 10, 11, 12

Prerequisites: Algebra I, Algebra II, and Geometry

Credits: 1.0

Description: Students, as mathematic analysts, will investigate how advanced mathematics concepts can solve problems encountered in operating national parks. The purpose of this course is to study functions and develop skills necessary for the study of calculus. The Pre-calculus course includes analytical geometry and trigonometry. Pre-calculus is an Honors level course.

For more information, www.flvsglobal.net/course/flvs-hosted/Pre-Calculus-Honors/628

MA150 Calculus Honors

Grades: 11, 12

Prerequisites: Algebra I, Geometry I, Algebra II, Pre-Calculus, or Trigonometry/Analytical Geometry

Credits: 1.0

Description: Walk in the footsteps of Newton and Leibnitz! An interactive text and graphing software combine with the exciting on-line course delivery to make Calculus an adventure. This course includes a study of limits, continuity, differentiation, and integration of algebraic, trigonometric and transcendental functions, and the applications of derivatives and integrals.

For more information, www.flvsglobal.net/course/flvs-hosted/Calculus-Honors/595

MA201 Integrated Mathematics I

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0

Description: Integrated Mathematics I is the foundation—the skills acquired in this course contain the basic knowledge needed for all future high school math courses. The material covered in this course is important, and everyone can do it. Everyone can have a good time solving the hundreds of real-world problems algebra can help answer. Course activities make the numbers, graphs, and equations more real. The content in this course is tied to real-world applications like sports, travel, business, and health. This course is designed to give students the skills and strategies to solve all kinds of mathematical problems. Integrated Mathematics I emphasizes the importance of algebra and geometry in everyday life through hundreds of real-world examples. Assessments are designed to ensure that your understanding goes beyond rote memorization of steps and procedures.

For more information, www.flvsglobal.net/course/flvs-hosted/Integrated-Mathematics-I/610

MA202 Integrated Mathematics II

Grades: 10, 11, 12

Prerequisites: Integrated Mathematics I

Credits: 1.0

Description: One day in 2580 B.C.E., a very serious architect stood in a dusty desert with a set of plans. His plans called for creating a structure 480 feet tall, with a square base and triangular sides, using stone blocks weighing two tons each. The Pharaoh wanted the job done right. The better this architect understood geometry, the better his chances were for staying alive. Algebra and geometry are everywhere, not just in pyramids. Engineers use them to build highways and bridges. Artists use them to create perspective in their paintings, and mapmakers help travelers find things using the points located on grids. Throughout this course, students travel a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving.

For more information, www.flvsglobal.net/course/flvs-hosted/Integrated-Mathematics-II/611

MA203 Integrated Mathematics III

Grades: 11, 12

Prerequisites: Integrated Mathematics I and II

Credits: 1.0

Description: This course allows students to learn while having fun. Interactive examples help guide students' journey through customized feedback and praise. Mathematical concepts are applied to everyday occurrences such as earthquakes, stadium seating, and purchasing movie tickets. Students investigate the effects of an equation on its graph through the use of technology.

For more information, www.flvsglobal.net/course/flvs-hosted/Integrated-Mathematics-III/612

MA500 AP Calculus AB*

Grades: 11, 12

Prerequisites: Algebra I, Geometry, Algebra II, Pre-Calculus or Trigonometry/Analytical Geometry

Credits: 1.0 Advanced Placement Weighted Credit

Description: Students in this course will walk in the footsteps of Newton and Leibnitz. An interactive course framework combines with exciting on-line course delivery to make calculus an adventure. The course includes a study of limits, continuity, differentiation, and the integration of algebraic, trigonometric, and transcendental functions, as well as the applications of derivatives and integrals.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Calculus-AB/485

**An exam review is available for this course which will allow students to be able to improve their test-taking strategies specific to AP exams and students have access to real student work samples with explanations for graded entries.*

MA510 AP Calculus BC

Grades: 11, 12

Prerequisites: Algebra I, Geometry, Algebra II, Pre-Calculus or Trigonometry/Analytical Geometry

Credits: 1.0 Advanced Placement Weighted Credit

Description: Comparable to college and university calculus, this course will help prepare you for the Calculus BC Advanced Placement* exam.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Calculus-BC/486

MA520 AP Statistics

Grades: 11, 12

Prerequisites: Algebra I and Algebra II

Credits: 1.0 Advanced Placement Weighted Credit

Description: This course is designed to provide college-level instruction on the concepts and tools for working with data. Students collect and analyze data and draw conclusions based on real-world information. The course challenges students to explore patterns, think critically, use a variety of tools and methods, and report their findings and conclusions.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Statistics/506

SCIENCE

To meet graduation requirements, students are required to successfully complete 3.0 credits or 6 semesters of Science coursework.

SC105 Earth Space Science

SC106 Earth Space Science Honors

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0/1.0 Honors Weighted Credit in grades 9 and 10 ONLY

Description: Be captivated by the wonders and beauty of the third planet from our Sun, Earth. Be amazed by what awaits your discovery within our solar system and beyond. Explore the universe. Earth/Space Science is a laboratory course focusing on the study of space, geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world. Through experimentation and investigation, students will explore the earth cycles including the geosphere, hydrosphere, cryosphere, atmosphere, and the carbon cycle. This course offers interactive experiences, higher-order thinking, collaborative projects, and real-world application along with a variety of assessments. Upon completion of the course, students have a clear understanding of the dynamic forces at work in the world around them, becoming better caretakers of our planet, Earth.

For more information, www.flvsglobal.net/course/flvs-hosted/Earth-Space-Science/659

SC110 Physical Science

SC111 Physical Science Honors

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0/1.0 Honors Weighted Credit in grades 9 and 10 ONLY

Description: This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, chemical bonding, and reactions. This course is designed to serve as a foundation for the study of the physical sciences. The utilization of scientific inquiry, web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application through labs and a variety of assessments all aid the student in ultimately demonstrating a vast understanding of the importance of the physical and chemical properties of the world around them; enabling them to apply these properties to their everyday lives.

For more information, www.flvsglobal.net/course/flvs-hosted/Physical-Science/673

SC120 Biology

SC121 Biology Honors

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0/1.0 Honors Weighted Credit in grades 9 and 10 ONLY

Description: This course guides students through the study of living and non-living systems and how they interact with one another. Students explore the world they live in by posing questions and seeking answers through scientific inquiry. Discovery takes place through observation and data collection. The students will be introduced to the structure, function, diversity, and evolution of living matter. This is a course with real relevance. It encourages curiosity and provides opportunity for students to work on hands on lab activities and develop relationships through collaboratively learning. Engaging in the study of biological science broadens the picture of the world around us.

For more information, www.flvsglobal.net/course/flvs-hosted/Biology-I/648

SC130 Chemistry

SC131 Chemistry Honors

Grades: 10, 11, 12

Prerequisites: Algebra I

Credits: 1.0/1.0 Honors Weighted Credit in grade 10 ONLY

Description: Chemistry I and Chemistry I Honors are rigorous and not intended for credit recovery. This course contains several laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures that are an integral part of the learning experience. This course is designed as an interactive, 21st century course. Topics include the composition, properties, and changes associated with matter and their applications. This course serves as a foundation for the study of Chemistry. The utilization of scientific inquiry, interactive experiences, higher order thinking, collaborative projects, real world application all aid the student in ultimately demonstrating a vast understanding of the importance of Chemistry in the world around them; enabling them to apply these properties to their everyday lives.

For more information, www.flvsglobal.net/course/flvs-hosted/Chemistry---Honors/652

SC135 Marine Science

SC136 Marine Science Honors

Grades: 09, 10, 11, 12

Prerequisites: None

Credits: 1.0/1.0 Honors Weighted Credit in grade 10 ONLY

Description: Since the beginning of time, humans have relied on the ocean. But as our planet continues to change over time, human activity has impacted the environment. In the marine science course, students explore the watery depths of our own planet in order to understand just how vital the ocean is to our existence. Throughout the course, students meet marine animals and learn about their interactions with each other and their environment. Students tour the evolving seafloor, where they encounter trenches, volcanoes, and ridges. Along the way, students hang ten as they discover waves, currents, tides, and other physical interactions between the ocean and the land. Finally, students study the impacts of chemical processes on our blue planet and how they affect the water, the atmosphere, and our climate. With a focus on observation, this course shows students that the ocean connects us all, across distance and even time. Hang on—it's going to be an amazing journey.

For more information, www.flvsglobal.net/course/flvs-hosted/Marine-Science/669

SC140 Physics

SC141 Physics Honors

Grades: 11, 12

Prerequisites: Algebra I and Algebra II is recommended

Credits: 1.0

Description: In each module of Physics, students discover the contributions of scientific geniuses like Galileo, Newton, and Einstein. Through their work, students learn the concepts, theories, and laws that govern the interaction of matter, energy, and forces. From tiny atoms to galaxies with millions of stars, the universal laws of physics are explained through real-world examples. Using laboratory activities, simulations, images, and interactive elements, students follow in the footsteps of some of the world's greatest thinkers.

For more information, www.flvsglobal.net/course/flvs-hosted/Physics-I/683

SC240 Anatomy and Physiology

Grades: 10, 11, 12

Prerequisites: Biology recommended

Credits: 1.0

Description: In this course students explore the organization of the human body and how it works. They will acquire knowledge necessary to understand what the body is doing and how they can help the body cope with many different situations. Body systems will be studied in order to understand how their structure, location, and function allow for interaction with other parts of the body.

For more information, www.flvsglobal.net/course/flvs-hosted/Anatomy-&-Physiology/638

SC500 AP Environmental Science

Grades: 10, 11, 12

Prerequisites: Algebra I and two years of high school Science with labs

Credits: 1.0 Advanced Placement Weighted Credit

Description: AP Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students identify and analyze environmental problems that are natural and human-made. They evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing problems. Laboratories support student content mastery in both hands-on and virtual experiences.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Environmental-Science/496

SC510 AP Biology*

Grades: 11, 12

Prerequisites: Algebra I, Biology, and Chemistry

Credits: 1.0 Advanced Placement Weighted Credit

Description: This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays and mastering Biology concepts and connections. The key themes of the AP Biology course are: the scientific processes, the affects of science on technology and society, the chemistry and make up of living organisms, genetics, diversity, and evolution. Throughout this course you will be expected to answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details. The course will successfully prepare you for the AP Exam in May.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Biology/483

**An exam review is available for this course which will allow students to be able to improve their test-taking strategies specific to AP exams and students have access to real student work samples with explanations for graded entries.*

SOCIAL STUDIES

To meet graduation requirements, students are required to successfully complete 3.0 credits or 6 semesters of Social Studies coursework. Beginning with the freshman class who will be entering high school in the fall of 2017, students are required to successfully complete 3.5 credits or 7 semesters of Social Studies coursework.

SS110 World History

SS111 World History Honors

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0/1.0 Honors Weighted Credit

Description: In Segment I, students will learn how the Roman Empire developed in two very distinct directions. Next, students will discover the great intellectual and cultural contributions of Islamic Empires. Journey through the Middle Ages of Europe and Japan to learn how knights and samurais lived. Students will also investigate the rise and fall of some of the great kingdoms of the Americas and Africa and then travel back to the Europe of the Renaissance and Reformation era. Segment II begins with a bang as students will learn about advancements in science and thought during the Age of Enlightenment and the social and political revolutions that followed as a result. As students meander through the 19th century, they will learn about the transformation from an agricultural to an industrial world and the many changes that resulted from that shift. Students will then learn about the interconnectedness of nationalism and colonialism and the two massive world wars were the end result. As students approach the finish line, they will learn about development in our modern world and the implications that historical events have on us today.

For more information, www.flvsglobal.net/course/flvs-hosted/World-History/731

SS120 United States History

SS121 United States History Honors

Grades: 10, 11, 12

Prerequisites: Successful completion of English I is recommended

Credits: 1.0/1.0 Honors Weighted Credit

Description: The United States began as an experiment in freedom and democracy. Since its establishment, the country and its people have endured social, political and economic revolutions. In this course, students will investigate the people, events and ideas that have shaped the United States from the end of the Civil War through today. Students are asked to analyze and evaluate decisions made by political, business and military leaders. Emphasis is placed on connections between events of the past and present. This course also gives students the opportunity to conduct research and apply their learning to current, real-world problems.

For more information, www.flvsglobal.net/course/flvs-hosted/US-History/724

SS130 United States Government

SS131 United States Government Honors

Grades: 11, 12

Prerequisites: Successful completion of English I and II is recommended

Credits: 0.5 (meets Semester I of the year-long American Government requirement to graduate)

Description: Responsible citizenship, including civil and political participation is essential to maintain a representative government that truly represents the people of the United States. In this course, students learn about the structure of government and how it shares power at the local, state and federal levels. This course also explores founding principles that inspired the Constitution and Bill of Rights, preserving the freedoms that students experience daily. Students will examine the processes of each branch of government, the election process, and how citizens can impact public policy. The media, interest groups and influential citizens provide examples of how the government can be effected by informed and active participants. Students will examine the U.S. Court system, and become a part of the process by participating in the judicial decision making process. They will also discover ways the United States interacts with countries around the world, through domestic policy, foreign policy and human rights policy.

For more information, www.flvsglobal.net/course/flvs-hosted/US-Government/719

SS205 Economics with Financial Literacy

SS206 Economics with Financial Literacy Honors

Grades: 11, 12

Prerequisites: Successful completion of English I and English II is recommended.

Credits: 0.5 (meets Semester 2 of the year-long American Government requirement to graduate)

Description: Economic decisions affect us every day of our lives. Understanding economics means thinking about how scarcity, or limited resources, requires us to make choices and evaluate one option against others. In this course, students will recognize examples of economics in your daily life. Students will see how the economic choices of larger groups, like businesses and governments, affect students and others. As students progress through the course, students will recognize that the costs and benefits of choices connect individuals and groups around the world. The purpose of this course is to help students become a smart consumer who understands the flow of an economy between individuals, businesses, governments, and the rest of the world.

For more information, www.flvsglobal.net/course/flvs-hosted/Economics-with-Financial-Literacy/703

SS505 AP United States History*

Grades 10, 11, 12

Prerequisites: None required, but strong reading and writing skills are recommended

Credits: 1.0 Advanced Placement Weighted Credit

Description: AP United States History focuses on developing students' abilities to think conceptually about U.S. history from 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance—American and national identity; politics and power; work, exchange and technology; culture and society; migration and settlement; geography and the environment; America in the World—provide areas of historical inquiry for investigation throughout the course. These require students to reason historically and about continuity and change over time and make comparisons among various historical developments in different times and places.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-US-History/511

**An exam review is available for this course which will allow students to be able to improve their test-taking strategies specific to AP exams and students have access to real student work samples with explanations for graded entries.*

SS510 AP United States Government and Politics*

Grades 11, 12

Prerequisites: Successful completion of American History is strongly recommended.

Credits: 0.5 Advanced Placement Weighted Credit

Description: "Lights, Camera, Action." Prepare to study the intricacies of the American Political Culture. The script is written and the actors participate daily in the drama of American politics. Students will be "on location" to delve into primary source documents. They will go behind the scenes with stars such as the President, Congress men and women, and Supreme Court Justices. Students will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. Finally, students will witness the large-scale production of policy building in the areas of economic/social policy, foreign policy and public administration.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-United-States-Government-and-Politics/507

**An exam review is available for this course which will allow students to be able to improve their test-taking strategies specific to AP exams and students have access to real student work samples with explanations for graded entries.*

SS530 AP Macroeconomics*

Grades: 11, 12

Prerequisites: None

Credits: 0.5 Advanced Placement Weighted Credit

Description: You have been called upon to assist the leader of the Macro Islands who is running for reelection next year. The economy is in shambles, and you need to come up with some feasible solutions. This will not only help the people of the Macro Islands but will also ensure a victory for your employer. You were hired over the Internet and received a first class ticket to the Macro Islands where you can learn first hand about the situation. You arrive at Pineapple Airport in the middle of the day and are met by a man with a briefcase who is holding a sign with your name on it. You approach the man and introduce yourself. "I'm Mr. Scarcity," he says. "I'll be your guide as you learn about the economic situation of the islands. You need to learn everything you can about both macroeconomics and our Macro Islands for your presentation to our island leader in May." (Your AP Exam.)

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Macroeconomics/500

**An exam review is available for this course which will allow students to be able to improve their test-taking strategies specific to AP exams and students have access to real student work samples with explanations for graded entries.*

SS531 AP Microeconomics

Grades: 11, 12

Prerequisites: None

Credits: 0.5 Advanced Placement Weighted Credit

Description: You traveled to the Macro Islands to assist the leader in winning re-election. You came for a job, but you realized as you were working that you loved the islands and wanted to make your home there. Because you are adept at giving economic advice to the leader, you have been appointed as the new President of the Sunny Seas Shell Company. As part of your role in assuming the leadership duties of the company, you will need to brush up on microeconomics. The Board of Directors has appointed Ms. Equilibrium to act as your personal assistant and advisor as you transition into your new role. You will be learning all you can about microeconomics and will be required to exhibit your knowledge in May at the annual Board of Directors' meeting (the AP Exam).

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Microeconomics/501

PHYSICAL EDUCATION AND HEALTH

To meet graduation requirements, students are required to successfully complete 2.0 credits or 4 semesters of Physical Education coursework.

PE Waiver: St. Vrain Valley School District provides the opportunity for a student to waive up to 1.0 physical education credit when specific criteria are met.

Students who maintain a full-time status (defined as a daily course schedule with 7 / 8 classes per semester) during all four years of high school and meet all graduation requirements may request waiver of an initial .5 physical education credit by successfully completing the following criteria:

- Two (2) SVVSD athletic programs at the varsity or junior varsity level (two different sports; same sport two seasons); or
- 72 hours during one semester of an appropriate, pre-approved, structured, and supervised activity outside of the school district.

Students with an advanced course schedule including enrollment in multiple academically rigorous courses, may also request an initial .5 physical education credit waiver when combined with one of the above criteria.

Students may waive an additional .5 physical education credit for a total of one (1) physical education credit in this same manner.

The activities to waive physical education credit may be met during any of a student's four years of high school.

A student may not waive physical education credit if they have failed any courses and/or are in the process of credit recovery to meet graduation standards.

Whether or not a student has received a physical education waiver, they are still required to successfully complete 24.5 credits in order to earn their high school diploma.

The physical education waiver application may be acquired in the counseling office. **Students must submit a written request for a waiver to their counselor beginning in January of their junior year.**

Additional information on applying for and receiving approval of a physical education credit waiver can be found in District policy, IKF-R, Graduation Requirements-Physical Education Waiver.

PE110 Fitness Lifestyle Design

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 0.5

Description: Students spend quality time at Club Web and learn healthy habits for body and mind to lead to a healthier lifestyle. Students assess their beginning fitness levels and nutritional knowledge, then create individual plans for achieving personalized goals. The expertise of a professional fitness staff combine with natural surroundings perfect for fun and relaxation at Club Web, and students are set for fitness adventure. Among the numerous activities available to Club Web guests are golf, tennis, racquetball, biking, the health and fitness center, and the walking and jogging trail. While at Club Web, students improve flexibility, enhance cardiovascular fitness, and increase strength and endurance. The goal of this course is to help students experience the benefits of exercise, proper nutrition, and weight management.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Fitness-Lifestyle-Design/557

PE115 Health Opportunities through Physical Education (HOPE)

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0

Description: With a focus on health and fitness, this course guides student to be active and healthy now and for a lifetime. Effective strategies and techniques are a foundation of the course so that students can continually make improvements in all areas of wellness. Students, with the guidance of a training instructor, set personal goals in four areas of wellness: physical, emotional, social, and academic. Fitness assessments enable students to establish baseline levels of fitness and work toward improvement in specific areas. At the end of each module, students submit a wellness plan documenting their daily physical activity, progress toward goals, changes in fitness assessment results, and reflections on personal progress. By following individualized training principles, students can achieve personal success and gain confidence, while they develop healthy lifetime habits. The course uses videos, graphics, and interactive learning opportunities to encourage students to eat well, get up, and be active. Leading a healthy lifestyle is the best way to prevent health problems before they occur—this course helps students do just that. And now is the best time to get started.

For more information, www.flvsglobal.net/course/flvs-hosted/AP-Health-Opportunities-through-Physical-Education-

[\(HOPE\)/559](#)

PE125 Personal Fitness

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 0.5

Description: In this Personal Fitness course, students are required to participate in weekly cardiovascular, flexibility and strength and endurance activities. Students who are unable to participate in such physical exercises will be unable to complete the requirements of this course. Students who have an Individualized Educational Plan (IEP) or some other physical limitation that prevents them from participating physical activity should seek to enroll in an Adaptive Physical Education course.

For more information, www.flvsglobal.net/course/flvs-hosted/Personal-Fitness/562

HEALTH

To meet graduation requirements, students are required to successfully complete .5 credits or 1 semester of Health coursework.

PE120 Life Management Skills

Grades: 9, 10, 11 12

Prerequisites: None

Credits: 0.5 (fulfills the Health Requirement for graduation)

Description: Each day hundreds of decisions are made, including important decisions that have a huge impact on personal life. Making good decisions is a whole lot easier for those who have the correct information before making those decisions. Being equipped with correct information will empower students to manage real issues, like quality nutrition, substance abuse, coping with stress, and sexual abstinence. Good health is both mental and physical. Making good decisions starts with knowing the facts, understanding the consequences, and having the confidence to choose well. A series of signposts take students through the course, providing information, direction, and a little encouragement. Students learn to use important tools for communicating feelings and opinions. Other tools provide a foundation for becoming a savvy consumer in a world of advertising, credit cards, and focusing on earth-friendly practices that will help the environment. This course comes with a long-term payoff. Learning to make good decisions now will set a positive direction to follow for the future.

For more information, www.flvsglobal.net/course/flvs-hosted/Life-Management-Skills/560

WORLD LANGUAGES

To meet graduation requirements, students are not required to successfully complete any courses; however, 3 credits or 6 semesters (of the same World Language) are highly recommended for students who are college-bound.

WL101 French I

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0

Description: Bienvenue! Welcome! Come and join various native French speakers as they give students a lively introduction to the language and its rich culture. Join them in their everyday environment as they take students through different daily scenarios and give them the necessary skills to read, write, and speak French. In this course, students learn the basic French language. After one semester, students will be able to engage in conversation in French including greeting people, introducing themselves, and exchanging basic information with others. Students learn to count from one to 1,000 and make simple sentences in both spoken and written French. Students continue to develop their French skills in semester two. New words and phrases are introduced with pictures, audio clips, and examples. Students learn basic French grammar to help them build fluency and understand the structure of the French language. Students have many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, and listening and speaking exercises. Students also explore the cultures of France, Canada, and other French-speaking regions by learning about geography, foods, celebrations, and traditions from each place. Bon Voyage! Enjoy the trip!

For more information, www.flvsglobal.net/course/flvs-hosted/French-I/746

WL102 French II

Grades: 9, 10, 11, 12

Prerequisites: French I

Credits: 1.0

Description: Salut! Get set for some more adventure! In French II, students are immersed in the French language and culture. This course is full of engaging and interactive videos, dialogs, presentations, self-checks, and much more! The purpose of this course is to further develop the French communicative skills of listening, speaking, reading and writing. In French II, students will broaden their French vocabulary and knowledge of grammar. Students will also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

For more information, www.flvsglobal.net/course/flvs-hosted/French-II/749

WL121 Latin I

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0

Description: There is a reason “all roads lead to Rome.” Maybe it is because Romans built much of the ancient world’s highway system. Maybe it is also because the Roman culture and Latin language laid the foundation for much of Western culture. In this course, students find out for themselves as they take their first steps on a lifelong journey of discovery. Students improve their command of the English language by studying Latin. Students also gain a better understanding of today’s laws and culture by getting into the Roman mind. Latin I is the most comprehensive way to begin. The purpose of this course is to give students a foundation in Latin grammar and vocabulary. This course also acquaints students with Olympic gods and with the everyday life of the typical Roman. The course sets the students’ feet on a journey as big as their imagination, with a passport to some of the world’s most exciting places.

For more information, www.flvsglobal.net/course/flvs-hosted/Latin-I/750

WL122 Latin II

Grades: 9, 10, 11, 12

Prerequisites: Latin I

Credits: 1.0

Description: A story of epic proportions: History-changing battles, great poets and statesmen, classic art and architecture, and a language that was heard throughout most of the known world. In Latin I, you read the opening credits of this epic movie. In Latin II, the plots and the characters that populated ancient Rome will come alive. In this course, you’ll build on your knowledge of Latin grammar and vocabulary. In the process, you’ll sense the beauty of the language and the passion of those who spoke it. Roman engineering, art, commerce, and system of laws were all supported by a clear, expressive and flexible language - a language in which you will be able to communicate. This course will give you a solid grounding in the structure of the language. It will also give you a clear lens for looking into the heart and majesty of the Roman spirit.

For more information, www.flvsglobal.net/course/flvs-hosted/Latin-II/753

WL123 Latin III

Grades: 10, 11, 12

Prerequisites: Latin I and II

Credits: 1.0

Description: In Latin III, students take their knowledge and appreciation of Latin to the next level. Students read some of the best Latin prose and poetry ever written or spoken. Caesar tells how he conquered the three parts of Gaul. Cicero reminds Romans of the virtues that made their country great. Catullus shows how he could express the deepest human emotions in just a few, well-chosen words. In Latin III, students visit the library of great authors. The library card gives them access to the timeless words of the greatest Roman poets, storytellers, and orators. Students' skills with the Latin language give them direct access to the beauty and power of these great authors' thoughts. The purpose of this course is to strengthen students' Latin vocabulary as well as their appreciation for well-crafted writing. Students go directly to the source and recognize why Latin and those who spoke it are still relevant today.

For more information, www.flvsglobal.net/course/flvs-hosted/Latin-III/756

WL141 Chinese I

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0

Description: Students join various native speakers of Mandarin Chinese as they give a lively introduction to the language and its rich culture. Set in their everyday environment, the native speakers take students through different daily scenarios and give them the necessary skills to read, write, and speak Chinese. In this course, students learn the basic Chinese language. At the very beginning, the course starts by introducing students to a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters. After one semester, students will be able to engage in conversation in Chinese including greeting people, introducing themselves to others, and exchanging basic information with others. Students learn to count from 1 to 1000 and make simple sentences in both spoken and written Chinese. They also learn 160 "magical" Chinese characters and use them on a variety of topics. As students walk through the units step by step, they get to know not only the language itself, but also the culture in which the language takes place and keeps developing.

For more information, www.flvsglobal.net/course/flvs-hosted/Chinese-I/739

WL142 Chinese II

Grades: 9, 10, 11, 12

Prerequisites: Chinese I

Credits: 1.0

Description: Chinese 2 enables the students to further develop the communicative skills of listening, speaking, reading and writing of Mandarin Chinese at a more advanced level. Students are immersed in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand their vocabulary helping them learn to interact with others and use appropriate terms to communicate in various everyday situations.

For more information, www.flvsglobal.net/course/flvs-hosted/Chinese-II/742

WL143 Chinese III

Grades: 10, 11, 12

Prerequisites: Chinese I and II

Credits: 1.0

Description: In Chinese III, students continue to expand their abilities in various aspects of Chinese Mandarin. Students continue to build their knowledge of vocabulary, sentence patterns, and grammar points in communicative contexts. They also enhance their Chinese Mandarin listening and speaking skills, such as pronunciation and intonation. Students learn more in-depth Chinese reading and writing strategies and skills. The Chinese III course greatly improves students' reading abilities, and students are able to write in Chinese in various formats such as journal, letter, invitation, and essay. The course also enriches and fortifies the students' knowledge and skills in writing simplified Chinese characters. In this course, students learn more essential knowledge of Chinese culture, including the origins, histories, anecdotes, and etiquettes for various cultural settings, events, and occasions. Students also learn to compare and contrast the Chinese culture with their own cultures in many different aspects.

For more information, www.flvsglobal.net/course/flvs-hosted/Chinese-III/744

WL151 Spanish I

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0

Description: ¡Bienvenidos! Welcome! Students are taking a virtual trip to Spain, Cuba, Colombia, and Argentina. As students explore each country, a student blogger is there to help them learn about the place and its unique characteristics. As students travel to each country, they learn how to speak Spanish in many practical and useful ways. Students learn how to greet people, introduce themselves, and speak about their home, family, school, and community. As students learn basic vocabulary and grammar skills, they expand on their knowledge and learn to speak about more complex topics such as shopping, weather, sports, entertainment, and leisure activities. The course introduces new words and phrases with pictures, audio clips, and examples. Students learn basic Spanish grammar to help them build fluency and understand the structure of the Spanish language. There are many opportunities to practice through interactive activities in the form of games, written practice, and listening and speaking exercises. Students also explore the cultures of Spain, Cuba, Colombia, and Argentina by learning about geography, foods, celebrations, and traditions from each place. Student bloggers guide students through these countries and help them appreciate and learn about their diversity.

For more information, www.flvsglobal.net/course/flvs-hosted/Spanish-I/765

WL152 Spanish II

Grades: 9, 10, 11, 12

Prerequisites: Spanish I

Credits: 1.0

Description: In Spanish II, students travel virtually through Central America and the Caribbean, spending time in museums, traffic jams, and even the hospital. In this course, students broaden their Spanish vocabulary and their knowledge of grammar. They meet people from many different countries and cultures. While waiting for the plane ride home, students also meet some Spanish-speaking people from different parts of the United States. The purpose of this course is to strengthen Spanish listening, speaking, reading, and writing skills. Students also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

For more information, www.flvsglobal.net/course/flvs-hosted/Spanish-II/767

WL153 Spanish III

Grades: 10, 11, 12

Prerequisites: Spanish I and II

Credits: 1.0

Description: In Spanish III, students will meet and virtually accompany four teens with Hispanic backgrounds as they learn about and travel to several Spanish-speaking countries. Students have many opportunities to use the Spanish they already know as well as to expand their vocabulary, knowledge of grammar, and experiences with Spanish-speaking countries. The purpose of this course is to provide many experiences where students can use Spanish. Completely immersed in Spanish, students speak, listen, read, write, and collaborate with other students in Spanish this course. They also gain knowledge and perspectives about Spanish-speaking countries and from Spanish-speaking people. Spanish III is a rigorous honors course and is not intended for credit recovery. Students will be challenged and need to have 8-10 hours per week designated to be successful.

For more information, www.flvsglobal.net/course/flvs-hosted/Spanish-III/770

WL154 Spanish IV Honors

Grades: 10, 11, 12

Prerequisites: Spanish I, II, and III

Credits: 1.0

Description: The main objective of the Spanish IV course is to develop students' interpersonal communication skills in Spanish. The fundamental objective is for the students to achieve a high level of ability in listening, speaking, reading and writing. In this course students develop a strong command of the Spanish language, with proficiency in integrating language skills and synthesizing written and aural materials, the formal writing process, extensive interpersonal and presentational speaking and writing practice, and aural comprehension skills through quality, authentic, and level-appropriate audio and video recordings. This objective is achieved through highly engaging course content and interactive simulations, which give students ample opportunities throughout the course to integrate reading, writing, and speaking. Students are exposed to literature, historical and current events of Spanish-speaking countries through authentic newspapers and magazines, music, movie, radio and television productions, literary texts, and virtual visits online. Students will also use Spanish to access information and to compare and contrast cultural elements of Spanish-speaking countries with their own.

For more information, www.flvsglobal.net/course/flvs-hosted/Spanish-IV/771

WL156 Spanish for Spanish Speakers

Grades: 09, 10, 11, 12

Prerequisites: Native or fluent Spanish speaking abilities recommended

Credits: 1.0 Credit

Description: Bienvenidos! Welcome! The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Course content reflects the cultural values of Spanish language and societies. The course enables students to gain a better understanding of the nature of their heritage language. Students also increase their awareness and appreciation of Hispanic cultures. Spanish is used exclusively in the course.

For more information, www.flvsglobal.net/course/flvs-hosted/Spanish-for-Spanish-Speakers/761

FINE ARTS ELECTIVES

To meet graduation requirements, students are required to successfully complete .5 credit or 1 semester of Fine Arts coursework.

FINE ARTS--Art

FA116 Creative Photography I

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 1.0 Fine Arts

Description: You see photographs everyday in varied contexts—television, Internet, magazines, and newspapers. How do you know what makes a great photograph? How did the artist capture one moment? How did the artist present a visual story? How does the viewer understand the artist’s intent? How does an artist know how to take a great picture? How do photographs become art, billboards, advertisements, or a purchased commodity? In this course, you will find your visual voice, learn how photography is a pictorial document and how you visually represent your experiences, and understand photography for the use of self-expression. This course includes the history of photography, the basics of the camera, photography techniques, why people take photographs, how to constructively critique photographs, and careers in photography. All you need to get started is a digital camera with at least the following mode options: portrait, landscape, action, and macro.
For more information, www.flvsglobal.net/global-school/courses#highschool/787

FA120 Art History and Criticism 1

Grades: 10, 11, 12

Prerequisites: None

Credits: 1.0 Fine Arts

Description: In this course students will understand the political, cultural, and religious changes throughout history that are depicted within art. This course is an opportunity for students to reflect on how art was and is used as a vehicle to communicate, depict political and religious propaganda, and serve as evidence of cultural shifts and changes. Students will be challenged to contemplate the connection between art and context through reflective writing assessments and Discussion-Based Assessments. Students will build upon knowledge throughout the course and understand how art reflects and communicated cultural change and evolution. Students will develop critical skills of analysis, synthesis, and evaluation in this course by analyzing historical documents, working in a thematic context, developing proficiency in note-taking, free-response writing, and solving problems. Students will demonstrate their skills through participation in extended collaborative projects.

For more information, www.flvsglobal.net/global-school/courses#highschool/775

FA515 AP Art History*

Grades: 11, 12

Prerequisites: Successful completion of World History is recommended (not required)

Credits: 1.0 Advanced Placement Weighted Credit (Fine Arts)

Description: Within AP Art History, students will explore the interconnections between culture, art, and historical context through the critical analysis of art, culture, and purpose. Through the use of a defined art historical skill set and reflective learning, students will analyze relationships across cultures with a global lens. The examination of how people have responded to and communicated their experiences through art will enable students to think conceptually about art ranging from prehistory to contemporary. Students will be active participants, engaging with art and its context as they read, research, and collaborate to learn about art, artists, art making, and responses to and interpretations of art. The AP Art History course is structured around three big ideas, three essential questions, twelve learning objectives, and ten content areas outlined within the College Board Advanced Placement Art History Framework. Each content area is represented by a prescribed image set accompanied by enduring understanding and essential knowledge statements that provide required contextual information to serve as a foundation and catalyst for student learning within the course. The intention is for students to explore art in its historic and cultural contexts.

For more information, www.flvsglobal.net/global-school/courses#highschool/480

**An exam review is available for this course which will allow students to be able to improve their test-taking strategies specific to AP exams and students have access to real student work samples with explanations for graded entries.*

FINE ARTS—Music

FA201 Music of the World

Grades: 9, 10,11, 12

Prerequisites: None

Credits: 1.0 Fine Arts

Description: Music is part of students' everyday life. In this course, they learn how to understand the impact of music as well as how it represents the culture it was created within and reflects the spirit of the human condition. Students learn to know and understand music by being able to distinguish and identify cultures on both local and global levels. Students meet musicians and composers and learn how their music continues to influence what is listened to today. In this course, students gain a historical perspective of music, covering a variety of styles and developments from the Middle Ages through the 21st century. In their musical journey, students acquire basic understanding and knowledge of singing, listening, and playing instruments. Partnering those skills with an understanding of music composition and improvisation will make future music experiences more informed and satisfying.

For more information, www.flvsglobal.net/global-school/courses#highschool/841

FA202 Guitar I

Grades: 9, 10,11, 12

Prerequisites: None

Credits: 1.0 Fine Arts

Description: The high school Guitar I course is a two-segment introduction to the basics of music and guitar. Students with little or no experience playing guitar will be guided by Carlos and Ariel as they learn to play guitar, music notation, musical styles, simple and full-strum chords, foundational music literacy and theory, and major scales. Prior music experience isn't necessary, but a six-string guitar is. Grab your guitar and get ready to jam.

For more information, www.flvsglobal.net/global-school/courses#highschool/813

FINE ARTS—Theatre

TH100 Theatre, Cinema, and Film Production

Grades: 9, 10,11, 12

Prerequisites: None

Credits: 1.0 Fine Arts

Description: Students explore the elements of theater and cinematic techniques used by those who create performance productions. As students progress through the course, they will view the historical development of different genres and the reasons why they were used. Students will also be exposed to a detailed view of film and theater backstage operations and asked to speculate on why a director chooses certain perspectives.

For more information, www.flvsglobal.net/global-school/courses#highschool/865

PRACTICAL ARTS

To meet graduation requirements, students are required to successfully complete .5 credit or 1 semester of Practical Arts coursework.

PRACTICAL ARTS--Business

BU114 Personal and Family Finance

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 0.5 Financial Literacy

Description: They say money makes the world go round, but how? In this course, students learn how money impacts their world. Why do we pay taxes? How do credit cards work? How can students learn to spend money without going into debt? This course teaches students how to manage money properly to achieve financial success. Students learn how to avoid common financial mistakes, as well as how to invest for their future. After completing the course, students understand how the financial world works and have the knowledge to manage their family finances effectively.

For more information, www.flvsglobal.net/global-school/courses#highschool/845

BU115 Dave Ramsey's Foundations in Personal Finance

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 0.5 Practical Arts

Description: Less than half of high school seniors qualify as financially literate, and more than 7 million borrowers are in default on student loans for college. Students are facing tremendous financial challenges without the basic knowledge needed to thrive in today's economy. Foundations in Personal Finance: High School Edition will change the financial future of your students and set them on a path to win with money, allowing you to change the way your students look at money forever. They will be empowered, equipped and entertained while building confidence in their own financial decision-making.

For more information, www.flvsglobal.net/global-school/courses#highschool/793

PRACTICAL ARTS—Family and Consumer Sciences

FS110 Parenting Skills

Grades: 9, 10, 11, 12

Prerequisites: None

Credits: 0.5 Practical Arts

Description: What is the best way to care for children and teach them self-confidence and a sense of responsibility? The process of parenting involves more than having a child and providing food and shelter. In this course, students learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course. Get started today and learn about the skills parents need to raise healthy and productive kids.

For more information, www.flvsglobal.net/global-school/courses#highschool/843

PRACTICAL ARTS—Technology

CS110 Foundations of Programming

Grades: 10, 11, 12

Prerequisites: Digital Information Technology

Credits: 1.0 Practical Arts

Description: Foundations of Programming will teach students the fundamentals of programming using the computer language Python. The course provides students with the concepts, techniques, and processes associated with computer programming and software development. Students will also explore the many programming career opportunities available in this high-demand field.

For more information, www.flvsglobal.net/global-school/courses#highschool/805

CS500 AP Computer Science A

Grades: 11, 12

Prerequisites: Algebra I and Algebra II

Credits: 1.0 Practical Arts Advanced Placement Weighted Credit

Description: The AP® Computer Science A course is equivalent to the first semester of a college level computer science course. The course involves developing the skills to write programs or part of programs to correctly solve specific problems. AP® Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.

For more information, www.flvsglobal.net/global-school/courses#highschool/488

TE100 Digital Information Technology

Grades: 09, 10, 11, 12

Prerequisites: None

Credits: 1.0 Practical Arts Credit

Description: Dive into an exciting course that will provide you with the foundational skills needed for exciting careers like game development, military defense, web design, and software engineering! You will explore Microsoft Office online applications, web design, emerging technologies, operating systems, project management, communication methods, Information Technology careers, and much more in this course. Learn about your strengths and how they relate to different career paths.

For more information, www.flvsglobal.net/global-school/courses#highschool/795

TE105 Foundations of Web Design

Grades: 09, 10, 11, 12

Prerequisites: None

Credits: 1.0 Practical Arts Credit

Description: Explore interactive, real-world scenarios to learn basic Web design principles. From HTML to Adobe CS6 Dreamweaver and Photoshop, this course builds a strong foundation of Web design skills.

For more information, www.flvsglobal.net/global-school/courses#highschool/806

GENERAL ELECTIVES

These courses provide opportunities for students to successfully complete the 7.5 credits or 15 semesters of elective course requirements for graduation. They do NOT meet core requirements in English, Mathematics, Science or Social Studies.

E100 ELL Success

Grades: 9, 10, 11, 12

Prerequisites: Recommended for English Language Learners

Credits: 0.5 General Elective Credit

Description: This course takes students on an inspiring “Superhero” journey where they develop confidence, build pride in their culture, achieve their goals, and help their peers succeed. Students learn how to take action to improve their own lives, manage their time, and resolve conflict by considering differences in personality. Along the way, students are coached by Mawi Asgedom, a former ELL (English Language Learner) student who earned a scholarship to Harvard and is now a student leadership expert who has trained over 1,000,000 students.

For more information, www.flvsglobal.net/global-school/courses#highschool/799

LA200 Journalism I

Grades: 10, 11, 12

Prerequisites: None

Credits: 1.0 General Elective Credit (*This course satisfies an elective credit but does not meet graduation requirements for Language Arts*)

Description: Journalism I provides students with the fundamental basics of journalism. Students begin by exploring the history of American journalism, examining different media such as print, radio, television, and Internet journalism. Students learn how to write a news story, a feature story, and an editorial, with a focus on research, analyzing the reliability of sources, conducting interviews, writing leads, revising, and self-editing. Students will also take a close look at different careers in journalism, ethics in journalism, and visual layouts using technology, including web 2.0 tools.

For more information, www.flvsglobal.net/global-school/courses#highschool/833

LA210 Social Media I

Grades: 10, 11, 12

Prerequisites: None

Credits: 0.5 (*This course satisfies an elective credit but does not meet graduation requirements for Language Arts*)

Description: This course will teach students that the world of Social Media revolves around them – their actions, decisions, and interests. They will examine how Social Media has evolved. They will understand how to find authenticity and truth within an online world where people can “be” anyone. They will also learn how their digital footprint makes a bigger impression than their physical one. Students will also discover that their voice is important. They are not only a reader – they are a writer. They don’t just follow the news – they report it as a citizen journalist. And they don’t just gather information – they crowd source it.

For more information, www.flvsglobal.net/global-school/courses#highschool/859

MS102 Critical Thinking and Study Skills

Grades: 10, 11, 12

Prerequisites: None

Credits: 0.5 General Elective Credit

Description: Critical Thinking and Study Skills teaches students how to get better grades and higher test scores, and increase their success in high school. Students who already perform well in school will learn new study skills and testing skills that will help them get even better. Students who struggle in school will learn about Success Mindsets, study skills, and testing skills to help them perform at new levels. This course teaches the ACE test-taking method to increase scores on key tests such as the ACT, SAT, and tests for graduation.

For more information, www.flvsglobal.net/global-school/courses#highschool/791

MS104 College and Career Readiness

Grades: 10, 11, 12

Prerequisites: None

Credits: 0.5 General Elective Credit

Description: Students often wonder about plans for after high school. This course will show students the educational and career opportunities available to them. They will learn how to get accepted and pay for college, how to find a job, and how to plan for a successful future. Throughout the course, Mawi Asgedom, a Harvard graduate who was the first in his family to attend college, and is now a student leadership expert has trained over 1,000,000 students, will coach students.

For more information, www.flvsglobal.net/global-school/courses#highschool/780

MS110 Leadership Skills Development

Grades: 09, 10, 11, 12

Prerequisites: None

Credits: 1.0 General Elective Credit

Description: In this course, students will acquire new power to succeed in high school, college, and life. Students will learn how to take action by pressing their Turbo Button, manage their time by staying in the Lasting Zone, chart their goals by creating a North Star, and many other proven leadership techniques developed by Mawi Learning, a leadership training organization that has worked with more than one million students. Whether students are struggling or already at the top of their game, Leadership Skills Development will give them new power to create the life of their dreams.

For more information, www.flvsglobal.net/global-school/courses#highschool/838

MS111 Leadership Skills Development II

Grades: 10, 11, 12

Prerequisites: None

Credits: .05 General Elective Credit

Description: Increase your confidence and build your social skills as you learn how to overcome many of the toughest challenges teens face. Discover how your “super-charged” teen brain really works, so you can make better decisions, have more fun, and achieve more. Learn how to conquer peer pressure, social anxiety, and the unnecessary risks that can derail your future. By the end of your training, you will have new power to direct your own life and lead your classmates. Throughout the course, Mawi Asgedom, a Harvard graduate and student success expert who has written eight books and trained over 1,000,000 students, will coach students,

For more information, www.flvsglobal.net/global-school/courses#highschool/839

SC230 Forensic Science

Grades: 10, 11, 12

Prerequisites: None

Credits: 1.0 General Elective Credit (*This course satisfies an elective credit but does not meet graduation requirements for Science*)

Description: Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, students examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy are examined.

For more information, www.flvsglobal.net/global-school/courses#highschool/802

SS115 Global Studies

Grades: 10, 11, 12

Prerequisites: None

Credits: 1.0 General Elective Credit (*This course satisfies an elective credit but does not meet graduation requirements for Social Studies*)

Description: With more than seven billion people living in the world today, there are countless newsworthy stories waiting to be told. In this course students become real-world news reporters, researching and writing for the Global News Network. Students explore human rights, the environment, global security, international economic systems, and much more. Students learn how to perform accurate research and fact-finding missions, while learning how to present their discoveries with clarity and context. Students will also be able to identify tangible global problems and outline well-developed solutions. This course uses current and compelling stories to engage students in the world around them.

For more information, www.flvsglobal.net/global-school/courses#highschool/706

SS220 Psychology I

Grades: 10, 11, 12

Prerequisites: None

Credits: 0.5 General Elective Credit (*This course satisfies an elective credit but does not meet graduation requirements for Social Studies*)

Description: Understanding the thoughts, emotions and behaviors of self and others is critical to developing and maintaining interpersonal relationships. In Psychology I, students learn theories of historically significant psychologists who laid the foundation for scientific research and a clearer understanding of the human mind. This course explores how psychological perspectives influence personality and play a role in human development across the lifespan. Students examine how behaviors are developed, memories are stored and language is acquired. Students also learn about the symptoms and classifications of psychological disorders, along with the various forms of treatments available. After completing this course, students will be equipped with problem solving strategies and even learn methods to cope with stress. Practical, everyday application of the content is a focus of this course.

For more information, www.flvsglobal.net/global-school/courses#highschool/851

SS240 Law Studies

Grades: 9, 10, 11, 12

Prerequisites: None but strong reading and writing skills are recommended.

Credits: 0.5 (*This course satisfies an elective credit but does not meet graduation requirements for Social Studies*)

Description: Laws affect the lives of American adults and teenagers differently. In this course, students examine laws and court decisions that apply to all citizens, as well as those that specifically outline the rights of teenagers. Students gain a greater understanding of the foundations of the United States government and legal system as they review the principles outlined in the founding documents. In addition to studying criminal and civil law, students also explore life events covered under family law and the legal protections given to consumers. Students are challenged to investigate Supreme Court rulings and apply them to situations faced by teenagers. The course offers students the chance to express and support their opinions about changing public policies and current legal issues. The focus is on understanding legal concepts and how to find answers about legal questions, rather than memorizing case information and technical details; the ultimate goal is to provide students an opportunity to earn an elective credit through interaction with engaging content.

For more information, www.flvsglobal.net/global-school/courses#highschool/836

SS525 AP Psychology

Grades: 11, 12

Prerequisites: None

Credit: 1.0 General Elective Advanced Placement Weighted Credit (*This courses satisfies an elective credit but does not meet graduation requirements for Social Studies*)

Description: AP Psychology is a college-level course providing students with an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. Psychology is a diverse social and biological science with multiple perspectives and interpretations. The primary emphasis of this course is to help students develop an understanding of concepts rather than memorize terms and technical details; the ultimate goal is to prepare students to successfully take the AP Psychology examination offered in May.

For more information, www.flvsglobal.net/global-school/courses#highschool/502

SS535 AP Human Geography

Grades: 11, 12

Prerequisites: None

Credits: 1.0 General Elective Advanced Placement Weighted Credit (*This courses satisfies an elective credit but does not meet graduation requirements for Social Studies*)

Description: The AP® Human Geography course is designed to provide college level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human social organization and its effect on the world in which we live. Students are challenged to use maps and geographical data to examine spatial patterns and analyze the changing interconnections among people and places.

For more information, www.flvsglobal.net/global-school/courses#highschool/499