



# HS COURSE

# *Guidebook*

## 2022-23



A.C. Davis High School  
Yakima School District



D.D. Eisenhower High School  
Yakima School District



Stanton Academy  
Yakima School District



Yakima Online  
Yakima School District



104 N. 4<sup>TH</sup> AVENUE, YAKIMA, WA 98902 | [WWW.YSD7.ORG](http://WWW.YSD7.ORG)

# YAKIMA SCHOOL DISTRICT

104 North Fourth Avenue, Yakima, WA 98902

(509) 573-7000

|  |                     |
|--|---------------------|
| Superintendent .....   | Dr. Trevor Greene   |
| Deputy Superintendent .....                                    | Dr. Robert Darling  |
| Assistant Superintendent (Operations).....                     | Stacey Locke        |
| Assistant Superintendent (Human Resources).....                | Anthony Murrietta   |
| Assistant Superintendent (Teaching & Learning).....            | Dr. Jenny Rodriguez |
| Executive Director of PK-5 Leadership and Accountability ..... | Katherine Page      |
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| Executive Director of Special Education .....                  | Joni Coe            |
| Executive Director of Career and College Readiness .....       | Byron Gerard        |
| Director of Student Services .....                             | Omar Santoy         |
| Director of Instruction .....                                  | Erin Chaplin        |
| Director of STEAM .....  | Dr. Andie Webb      |
| Director of Multilingual Education .....                       | Tally Garcia        |
| Director of Athletics, Safety and Security .....               | Sara Cordova        |
| Director of Special Programs.....                              | Amber Cliett        |
| Director of Technology .....                                   | Andy Gonzalez       |
| Director of Digital and Accelerated Learning .....             | Arnie Lewis         |

Yakima School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination:

**Civil Rights Compliance Coordinator (Students): Title IX** - Dr. Robert Darling, Deputy Superintendent, 104 N. 4<sup>th</sup> Ave., Yakima, WA 98902, (509) 573-7003, [darling.robort@ysd7.org](mailto:darling.robort@ysd7.org);

**Civil Rights Compliance Coordinator (Students): ADA/Section 504** - Omar Santoy, Director of Student Services, 104 N. 4<sup>th</sup> Ave., Yakima, WA 98902, (509) 573-7221, [santoy.omar@ysd7.org](mailto:santoy.omar@ysd7.org);

**Civil Rights Compliance Coordinator (Non-Students): Title IX/ADA** – Robert Noe, Chief Legal Counsel, 104 N. 4<sup>th</sup> Ave., Yakima, WA 98902, (509) 573-7039, [nondiscrimination@ysd7.org](mailto:nondiscrimination@ysd7.org).

Individuals with disabilities who require assistance or special arrangements to attend a program or activity sponsored by the Yakima School District should contact one of the **ADA Coordinators** 24 hours in advance of the event to inquire about reasonable accommodation. Deaf, deaf-blind, hard of hearing, and/or speech impaired individuals may access Washington Relay Services by calling 7-1-1- or 1-800-833-6388.

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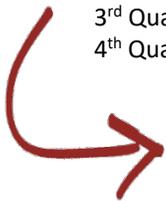
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## ADDITIONAL INFORMATION

|   |               |
|---|---------------|
| <a href="#">Yakima School District Instructional Calendar</a> .....                     | Link Provided |
| First Day of School .....   | TBD           |
| 1 <sup>st</sup> Quarter End.....  | TBD           |
| 2 <sup>nd</sup> Quarter Ends/End of High Schools 1 <sup>st</sup> Semester .....         | TBD           |
| 3 <sup>rd</sup> Quarter Ends.....   | TBD           |
| 4 <sup>th</sup> Quarter Ends/End of 2 <sup>nd</sup> Semester (last day of school) ..... | TBD           |



*Dates subject to change in response to COVID-19.*

# OUR SCHOOLS

## A.C. DAVIS HIGH SCHOOL

**Main Office: (509) 573-2500**

A.C. Davis High School is a traditional high school serving students in grades 9-12. It offers a variety of programs, including English as a Second Language, special education, music, honors, International Baccalaureate (IB) and Career & Technical Education pathway programs. Davis is the only school in the Yakima Valley to offer the IB program, which provides the opportunity for students to challenge themselves in individual subjects or to earn a full IB diploma. Both opportunities allow for the possibility of earning college credit while preparing students for success in college. In addition to these programs, Davis students are offered a variety of elective courses including foreign languages (Japanese, Native Spanish, American Sign Language, Spanish, & French). Davis has many clubs and athletic teams that students may join.

**Mission statement:** We educate students for success: life-long learning, employment and social awareness.

## STANTON ACADEMY

**Main Office: (509) 573-1200**

At Stanton Academy, they pride themselves on welcoming students where they are academically and working with them towards earning their diploma. Having a smaller enrollment allows the staff to work with the students individually to prepare them for careers or college experiences. They offer all required classes and state testing for a high school diploma as well as an excellent Career Technical Education program. The Highly Qualified teachers, in their respective disciplines, utilize their expertise to provide quality instruction on a daily basis. They support their students in their efforts and strive to provide them with all necessary tools to be successful.

Stanton provides a limited number of licensed nursery positions for students needing childcare facilities for children ages 6 weeks to 2 years. If space allows, students attending Davis or Eisenhower may also access the nursery facilities. See your counselor.

**Mission statement:** Begin with the end in mind: Graduation

## YV-TECH

**Main Office: (509) 573-5500**

The Yakima Valley Technical Skills Center is a career and technical high school devoted to teach specific job skills, knowledge, comprehension, and application of technological concepts. Graduates are prepared to either enter the job market or further their education. There are many programs in which students may enroll. Each course is designed around a basic, one-year (half-day) curriculum with an option for a second year of advanced work in most programs.

**Mission statement:** YV-TECH prepares all students with the skills, knowledge, and attitude to successfully advance to the next educational or career level.

## D.D. EISENHOWER HIGH SCHOOL

**Main Office: (509) 573-2600**

D.D. Eisenhower High School is a traditional high school for students in grades 9-12. Students who attend Eisenhower will be guided by the teachers and staff toward academic success, career preparation, and lifelong learning. Eisenhower offers programs that encourage this supportive school culture and provides an inviting learning climate that foster significant, positive student learning experience. Advanced placement, CTE and College in the high school classes offer our students several opportunities to earn college credit on our campus. Our award winning drama and fine arts programs along with wide variety of clubs ensure there is something for everyone at Eisenhower.

**Mission statement:** Eisenhower High School, in partnership with parents and community members, will ensure all students will graduate with the skills necessary for success in school, work and life through the Cadet tradition of Integrity, Kindness and Engagement.

## YAKIMA ONLINE

**Main Office: (509) 573-5580**

Yakima Online offers middle and high school, fully-accredited, online course curriculum for students who live within the Yakima School District boundary. Students have access to a 24/7 support environment including access to highly qualified, Washington State certified teachers between the hours of 6 a.m. and 10 p.m. weekdays. Students have access to a broad internet-delivered curriculum with more than 100 semester courses. Students work from home and on-site at Yakima Online.

**Mission statement:** To meet the unique and diverse needs of our students, YOL provides a supportive, innovative, and rigorous educational experience that encourages students to achieve academic success.

**Course offerings for Yakima Online are found on back page of this guidebook.**

# COUNSELING & GUIDANCE

The Counseling Center is staffed by certificated school counselors and a guidance specialist—a variety of services are offered to students, parents, and staff for the purpose of encouraging student success.

Scheduling and Academic Planning— students are assisted with course selection and scheduling to address graduation needs and post-secondary goals.

- **Career and Post High School Planning and Information**— Students receive guidance in how to identify and apply information about personal interests and skills to the systematic selection and pursuit of education and career goals.
- **Assistance in transition from middle school to high school** – recognizing that good information and guidance is critical to a successful transition, counselors and guidance specialists implement a number of activities to assist incoming 9<sup>th</sup> grade students in their adjustment to the high school environment and its opportunities. These activities are started early in eighth grade and continue throughout grade 9.
- **Guidance & Counseling** – Students are assisted with personal and social concerns.

Counselors provide individual and group meetings to students who seek assistance, or are referred by parents, staff, or other students. This is an excellent opportunity to obtain support in dealing with personal and social concerns that are impacting the student’s ability to learn. This program, involving consultants and building staff, works with counselors to address student needs through better identification and assistance of students not being successful in school, academically and/or personally.

- **Referral to Appropriate Programs or Agencies** – Students are given general guidance on school and community resources available to address needs and enhance effectiveness within their homes, school, and community.

## COLLEGE AND CAREER CENTER

This center is an important resource for post high school training and career information/exploration. By using these resources students can make intelligent, informed choices regarding the training options and careers that are best for them.

- Job-listing Board available and up-to-date
- Help with resumes, job interview skills, and career counseling
- Information about colleges and careers
- Online career assessments available
- College and military representatives available for informal meetings and presentations
- ‘Free’ test prep for SAT, ACT, PSAT, and ASVAB
- Job Shadow opportunities arranged
- TA (Teacher Assistant program coordinated)
- Help coordinating HS & Beyond Plans
- Scholarship/Financial Aid information

**Students—visit the Career Center to learn more!**

## TESTING

**PSAT/NMSQT** (*Preliminary Scholastic Aptitude Test/ National Merit Scholarship Qualifying Test*) – Must be taken during the fall of the junior year to be eligible to qualify for National Merit Scholarships. Sophomores may test for practice. Although these scores are not usually used as admission criteria, it is a good practice for students planning to take the SAT. Additional information and sample questions are available at <https://www.collegeboard.org/>.

**ACT** (*American College Test*) – A test utilized by some colleges/universities to determine skill levels for admission. It is given locally five times a year, and consists of four tests and a career interest inventory. Additional information and sample questions are available at [www.act.org](http://www.act.org).

**SAT** (*Scholastic Aptitude Test*) – Used as an admissions tool by many four-year colleges as a predictor of college success potential, and as a requirement for students wanting to participate in Division I athletics, this exam is given six times per year. It provides scores in Verbal and Mathematics, and can be taken more than once. It is recommended for seniors, as well as for juniors who are applying to competitive schools and who could benefit from the testing experience. Additional information and sample questions are available at <https://www.collegeboard.org/?excmid=VT-00059>.

**ASVAB** (*Armed Services Vocational Aptitude Battery*) is the entrance test to enlist in the United State military. The ASVAB covers eight areas including science, word knowledge, mathematics, and mechanical comprehension. The ASVAB is administered in February by military personnel at each high school. Additional information and sample questions are available at <https://www.military.com/>.

# GRADUATION REQUIREMENTS

To be eligible for a Yakima School District diploma, a student must complete the following: (see [WAC 180-51-066](#))

# 1

## Earn a minimum of twenty-four (24) credits from grades 9, 10, 11 and 12.

Credit accrual is possible at the middle school level for Algebra,  
Successful completion (receiving a grade of A, B, C, D, P, or S) of one semester’s work in one class = 0.5 credits.

### These twenty-four (24) credits, must include:

|   |                    |
|---|--------------------|
| <b>ENGLISH</b>  | <b>4.0 credits</b> |
| Classes must include: English 9, English 10, English 11, and English 12   |                    |
| <b>MATHEMATICS</b>  | <b>3.0 credits</b> |
| Three (3) mathematics credits required. Must include a sequence of courses: Algebra 1 or Integrated Mathematics 1, Geometry or Integrated Mathematics 2, and Algebra 2 or Integrated Mathematics 3.   |                    |
| <b>SCIENCE</b>  | <b>3.0 credits</b> |
| Three (3) science credits required. Must include a least two (2) lab sciences.  |                    |
| <b>SOCIAL STUDIES</b>   | <b>3.0 credits</b> |
| Washington State History (Is offered in grade 7 or 8 does not earn credit but satisfies the graduation requirement.)<br>World Geography (0.50 cr.), World History (0.50 cr.), US History and Government (1 cr.), Civics (0.50 cr.), and CWP/Economics (0.50 cr.). |                    |
| <b>HEALTH &amp; FITNESS EDUCATION</b>   | <b>2.0 credits</b> |
| Must include 1.5 credits of fitness and 0.50 credit of Health.  |                    |
| <b>WORLD LANGUAGES</b>  | <b>2.0 credits</b> |
| Both credits may be a Personalized Pathway Requirements (PPR)***  |                    |
| <b>FINE ARTS (Visual &amp; Performing Arts)</b>   | <b>2.0 credits</b> |
| Only one (1) credit may be fulfilled with courses that meet the Fine Art requirement.<br>Both credits may be a Personalized Pathway Requirements (PPR)***   |                    |
| <b>OCCUPATIONAL/CAREER &amp; TECHNICAL EDUCATION (CTE)</b>  | <b>1.0 credit</b>  |
| May be an Occupational/CTE course that meets the definition of an exploratory course as described in the CTE Program standards  |                    |
| <b>ELECTIVE COURSES</b>   | <b>4.0 credit</b>  |

# 2

## Successful completion of the High School and Beyond Plan

\*\*\* **The Personalized Pathway Requirements (PPR):** Three (3) courses that lead to a specific post-high school career outcome chosen by the student, based on the student’s interest and High School and Beyond Plan.

The **High School and Beyond Plan** is a formal process designed to help students think about their future goals and how to accomplish those goals. This includes exploring interests and career options, developing a course plan for high school, and exploring opportunities to develop skills. Students create their High School and Beyond Plans in cooperation with parents/guardians and school staff. Students start their plans in sixth (6<sup>th</sup>) grade and then continue to revise them throughout high school to accommodate changing interests or goals.

## GRADUATION PATHWAY OPTIONS

| Student’s Goal: 1 <sup>st</sup> Year After Graduation |   | Graduation Pathways: Class of 2021 and Beyond |   |
|---|---|---|---|
| <b>HSBP</b>   | <b>Career/Technical Field</b><br>(Additional postsecondary education/training, technical college, apprenticeship, or workforce entry) | <b>Graduation Pathways</b>                    | Complete sequence of CTE courses which includes the option to earn college credit or leads to an industry recognized credential |
|   | <b>Military Enlistment</b>  |   | ASVAB Score   |
|   | <b>General Postsecondary Education</b><br>(Two- or four-year college)   |   | Smarter Balanced HS Assessment or WA-AIM (ELA and/or math)  |
| SAT or ACT scores on ELA and/or math sections         |   |   |   |
| Earn College Credit in ELA and/or math                |   |   |   |
| Transition Course in ELA and/or math                  |   |   |   |
| AP/IB/Cambridge Courses or Exams in ELA and/or math   |   |   |   |
|   | Combination of ELA and math option from any of the General Postsecondary Education Pathways   |   |   |

# COLLEGE ADMISSION STANDARDS

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## MINIMUM COLLEGE ADMISSION STANDARDS AN OVERVIEW FOR STUDENTS AND PARENTS

### For students entering a college or university

#### [College Academic Distribution Requirement \(CADR\) Coursework](#)

Students are encouraged to take a minimum of three credits CADR courses each year of high school, including senior year.

Students who take college-level coursework and complete 5-quarter credits or 3 semester credits will have earned the equivalent of one CADR credit. In addition, pre-college courses in English and math may be equivalent to CADR courses, provided they are designed to meet the same learning outcomes as the high school courses for which they substitute.

Students may meet high school requirements with courses taken in middle school, provided the courses are part of a sequence which is successfully continued in high school, or the courses are included on the high school transcript as high school-level courses.

The Yakima School District prepares our graduates to be career and college ready with the graduation requirements set forth in this guide. Colleges and universities have different general requirements unique to each institution. However, there are some common requirements for each type of college or university. Although specific requirements may vary among institutions, the following minimum guidelines exist:

**English** – Four (4) credits including three (3) credits of college preparatory composition or literature. One credit may be satisfied by courses in drama as literature, public speaking, debate, journalistic writing, business English, English as a Second Language, or Learning Support English. Passing the state mandated high school assessment in Reading is equivalent to earning the first two (2) CADR credits of high school English.

**Mathematics** – Three (3) credits: Algebra I, Geometry, and Algebra II (intermediate algebra), or Integrated Math 1, 2, and 3. Passing the state mandated high school assessment in math is equivalent to earning the first two (2) CADR credits of high school math (Algebra 1 and Geometry or Integrated Math 1 and 2). Successful completion of math through pre-calculus meets the requirement for three (3) credits of math and the senior year math requirement (below).

**Senior year math-based quantitative course** – One (1) credit of study is required in a math-based quantitative course during the senior year.

This requirement may be met in many ways:

- If the third year of the minimum mathematics CADR is being completed in the senior year, such as intermediate algebra (Algebra II)
- By completing an advanced-level math course (pre-calculus, math analysis, calculus)
- By completing a math-based quantitative course (statistics)
- By completing an algebra-based science course (chemistry, physics)
- By completing an AP Computer Science course

**Lab Science** - A minimum of two (2) credits of study are required in lab science. At least one of the two credits must be in biology, chemistry, or physics. Students typically take this full credit course in two successive high school semesters. Additionally, at least **one of the two (2) credits** of laboratory science must be an algebra-based science course. The principles of technology may apply toward the laboratory science requirement.

Lab science coursework taken in the senior year may overlap with the senior year math-based quantitative coursework requirement.

**NOTE:** *Western Washington University specifies that one credit must be an algebra-based chemistry or physics course.*

**World Languages** – Two (2) credits must be earned in the same World Language, Native American language, or American Sign Language. Schools may award credit based on a district approved competency assessment consistent with the State Board of Education policy and American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines. A World Language course taken in middle school may satisfy one credit of the requirement if the second year level course is completed in high school grade 9-12.

**Social Sciences** – Three (3) credits of history or other social science (e.g., anthropology, contemporary world problems, economics, geography, government, political science, psychology).

**Arts** – One (1) credit of fine, visual, or performing arts—or one (1) additional credit in other academic subject areas as defined above. Acceptable coursework in the fine, visual, or performing arts includes art appreciation, band, ceramics, choir, dance, dramatics performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, or sculpture.

**NOTE:** *The University of Washington and Western Washington University specify one-half credit in fine, visual, or performing arts. The other half may be in the arts or an academic elective.*

Students should consult with their high school counselor to obtain complete information about minimum college admission standards, and to be aware of which courses at their high school meet CADR guidelines, as determined by our school district.

# NCAA ELIGIBILITY FOR PROSPECTIVE STUDENTS

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WSAC document revised 10/12

Before a high school student can be eligible to play Division I sports, he or she must meet academic requirements in high school. Those standards include:

- the successful completion of 16 core courses.
- a sliding-scale combination of grades in high school core courses and standardized-test scores. For example, if a student-athlete earns a 3.0 grade-point average in core courses, that individual must score at least 620 on the SAT or 52 on the ACT. As the GPA increases, the required test score decreases, and vice versa.
- successfully complete 10 of the 16 total required core courses before the start of the senior year in high school.

Information regarding the NCAA can be found at [www.ncaa.org](http://www.ncaa.org).

Please see your counselor for more information.

# COLLEGE IN THE HIGH SCHOOL

The Yakima School District provides a variety of opportunities for students, while they are in high school, to earn college credits or receive advanced placement in college.

## ADVANCED PLACEMENT

Advanced Placement programs are college-level courses and exams offered at Eisenhower. Students have the opportunity to receive advanced placement and/or credit when they get to college. The main value is derived from the intensive course of study that includes additional reading, writing, and discussion opportunities. A subject can be learned in greater depth than regular classes, with the chance available to develop analytical reasoning skills.

**Career Opportunities:** AP prepares students for the future by giving them tools that will serve them well throughout their college career.

**How to get involved in the AP Program:** Work with your counselor in the ninth and tenth grades to help plan your courses and which honors and AP classes to take.

|   |  |
|---|--|
| <p><b>GRADE NINE</b></p> <ul style="list-style-type: none"> <li>HONORS GEOMETRY</li> <li>HONORS WORLD GEOGRAPHY</li> <li>HONORS ENGLISH 9</li> <li>HONORS BIOLOGY</li> </ul>  | <p><b>GRADE TEN</b></p> <ul style="list-style-type: none"> <li>HONORS BIOLOGY</li> <li>HONORS ALGEBRA 2</li> <li>AP WORLD HISTORY</li> <li>HONORS ENGLISH 10</li> <li>HONORS CHEMISTRY</li> </ul>  |
| <p><b>GRADE ELEVEN</b></p> <ul style="list-style-type: none"> <li>HONORS CHEMISTRY</li> <li>AP CHEMISTRY</li> <li>HONORS PRE-CALCULUS</li> <li>AP U.S. HISTORY</li> <li>AP ENGLISH 11</li> <li>AP PSYCHOLOGY</li> <li>AP COMPUTER SCIENCE</li> <li>AP ENVIRONMENTAL SCIENCE</li> <li>AP MUSIC THEORY</li> </ul> | <p><b>GRADE TWELVE</b></p> <ul style="list-style-type: none"> <li>AP CHEMISTRY</li> <li>AP PHYSICS</li> <li>AP CALCULUS</li> <li>AP ENGLISH 12</li> <li>AP GOVERNMENT &amp; CIVICS</li> <li>AP PSYCHOLOGY</li> <li>AP COMPUTER SCIENCE</li> <li>AP ENVIRONMENTAL SCIENCE</li> <li>AP STATISTICS*</li> <li>AP MUSIC THEORY</li> <li>AP SPANISH</li> </ul> |



In partnership with Arizona State University, the Yakima School District is launching a program that will embed an AA degree within a student's four years of high school. The ASU AA Degree program will consist of asynchronous online college courses and will be offered as part of a student's six-period day on-campus schedule. Students who are interested in this program should speak to their high school counselor.

## INTERNATIONAL BACCALAUREATE

The International Baccalaureate Program is the world class academic college preparatory program offered by A.C. Davis High School. Students have the opportunity to receive credit when they enroll at colleges or universities. The primary value of this intensive course of study is the extra preparation and skill development that allows students to excel in their post high school opportunities. Research skills, vocabulary development, time management, and conceptual learning are emphasized, in addition to the subject matter.

The International Baccalaureate Program offers external assessment by examiners from around the world on English and history papers, science lab notebooks, mathematics portfolios, foreign language tapes, art research notebooks, and music CDs. Exams are given during the spring of the junior and senior years. Students wishing to complete the entire International Baccalaureate program may earn the prestigious International Baccalaureate Diploma.

To get involved in the International Baccalaureate program students should be willing to work hard and take honors courses in the subject areas that they are interested in during the ninth and tenth grade. The International Baccalaureate courses are offered in grades eleven and twelve.

|   |   |
|---|---|
| <p><b>GRADE NINE</b></p> <ul style="list-style-type: none"> <li>HONORS ENGLISH 9</li> <li>HONORS WORLD LANGUAGE</li> <li>HONORS WORLD GEOGRAPHY</li> <li>HONORS MATHEMATICS</li> <li>HONORS BIOLOGY</li> </ul>  | <p><b>GRADE TEN</b></p> <ul style="list-style-type: none"> <li>HONORS ENGLISH 10</li> <li>HONORS FOREIGN LANGUAGE</li> <li>HONORS HISTORY</li> <li>HONORS MATHEMATICS</li> <li>HONORS BIOLOGY</li> <li>HONORS CHEMISTRY</li> </ul>  |
| <p><b>GRADE ELEVEN</b></p> <ul style="list-style-type: none"> <li>IB ENGLISH</li> <li>IB FRENCH</li> <li>IB SPANISH</li> <li>IB HISTORY</li> <li>IB MATH METHODS OR IB MATH STUDIES</li> <li>IB BIOLOGY, IB CHEMISTRY, OR IB PHYSICS</li> <li>IB ART OR IB MUSIC</li> <li>IB THEORY OF KNOWLEDGE</li> </ul> | <p><b>GRADE TWELVE</b></p> <ul style="list-style-type: none"> <li>IB ENGLISH</li> <li>IB FRENCH</li> <li>IB SPANISH</li> <li>IB HISTORY</li> <li>IB MATH METHODS OR IB MATH STUDIES</li> <li>IB BIOLOGY, IB CHEMISTRY, OR IB PHYSICS</li> <li>IB ART OR IB MUSIC</li> <li>IB THEORY OF KNOWLEDGE</li> </ul> |

# DUAL CREDIT

## COLLEGE IN THE HIGH SCHOOL

**Earn college credits in high school!** If you enroll in *College in the High School* classes, you can be in two places at once. *College in the High School* is a dual-credit program that provides an opportunity for students to receive college credit for taking qualified courses while still in high school. There is no cost to take these courses while in high school.

Students must meet the same requirements as students who take the class at the college. At the end of the course, the high school teacher notifies the 'College in the High School' coordinator at the college of all students who passed the class with a grade of "B" or higher. Credit is not available to students who earn below a "B".

In order to establish a college transcript and get the credit and grade, each student must turn in a registration form to their high school 'College in the High School' teacher.

Please consult with your high school counselor to determine in which "college" credit courses are available.

## OCCUPATIONAL/CAREER AND TECHNICAL EDUCATION (CTE) EARNING DUAL CREDIT

### CTE CLASSES IN THE HIGH SCHOOLS

- AGRICULTURE & NATURAL SCIENCE (INTRO)
- ROBOTICS FOUNDATIONS
- ADVANCED ROBOTICS, ENGINEERING, & MANUFACTURING
- AP COMPUTER SCIENCE
- ARCHITECTURAL DRAFTING
- ENGINEERING GRAPHICS/CAD
- MECHANICAL DRAFTING
- CHILD CARE LAB
- PARENTING/CHILD DEVELOPMENT
- CAREERS IN EDUCATION
- TV/VIDEO PRODUCTION
- MICROSOFT ACADEMY - WORD, EXCEL, POWERPOINT, ACCESS
- WEB DESIGN

### YV-TECH

- AUTO COLLISION REPAIR
- AUTOMATION TECHNOLOGY
- AUTOMOTIVE TECHNOLOGY
- BUSINESS ADMINISTRATION
- COMPUTER TECHNICIAN
- CONSTRUCTION TRADES
- COSMETOLOGY
- CULINARY ARTS
- CYBERSECURITY
- DENTAL ASSISTING
- ELECTRICAL
- EMERGENCY MEDICAL SERVICES
- ENTERTAINMENT MEDIA PRODUCTION
- LAW ENFORCEMENT
- NURSING
- PHYSICAL THERAPY TECHNICIAN
- PRE-MEDICAL ASSISTANT
- TRANSLATION & INTERPRETATION

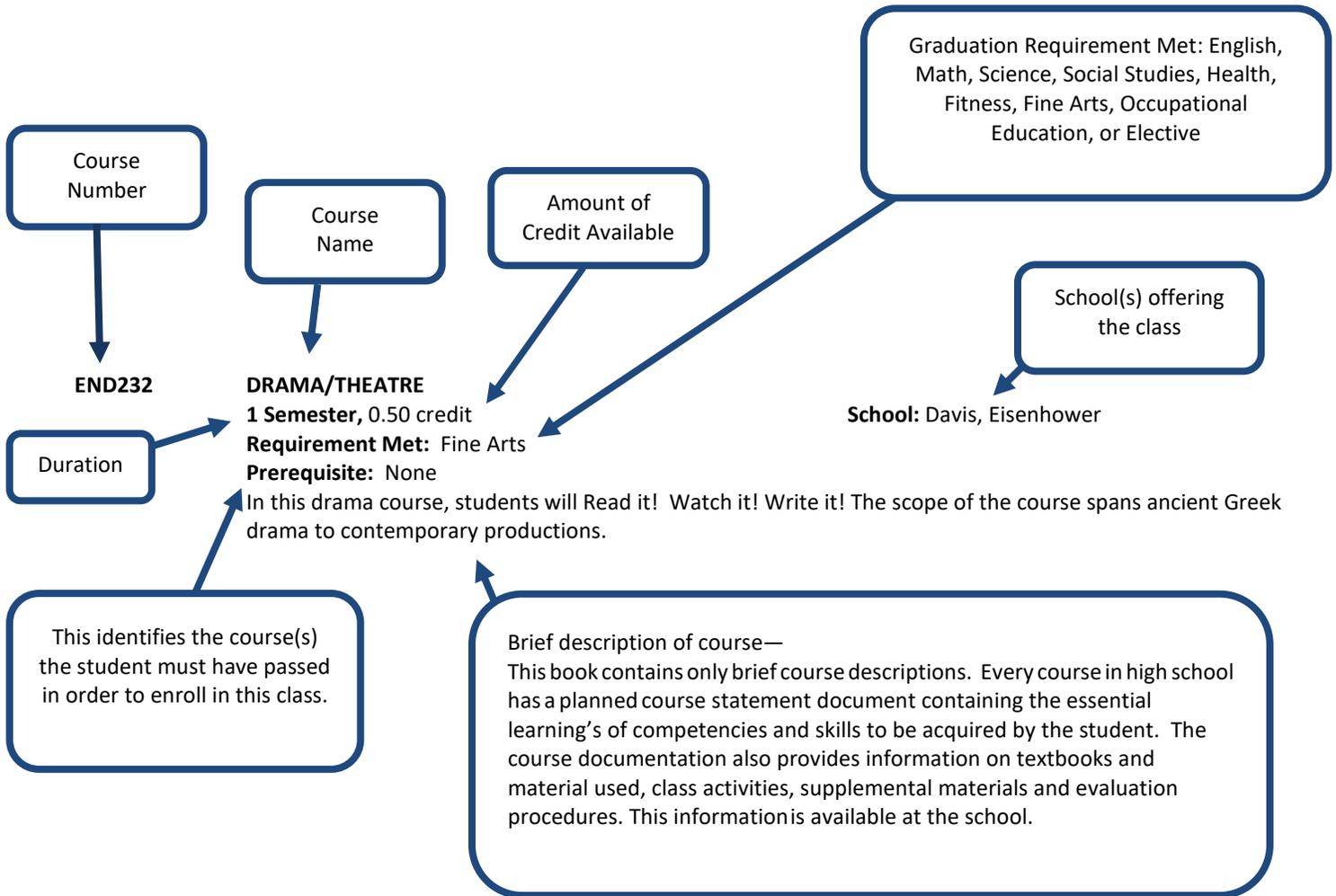
## RUNNING START

The Running Start Program is a partnership between Yakima Valley College and Yakima Public Schools. The program offers eligible high school juniors and seniors the opportunity to enroll in regular college classes on the YVC campus and to receive both high school and college credit for those classes. Eligibility for Running Start is based on placement into English 101 and Math 085 on YVC's placement exam.

Students may choose to attend part-time or full-time. Running Start students do not pay for college tuition, however, all other costs must be paid by the student; including transportation, lab fees and necessary books and supplies. Running Start does not cover tuition costs for courses that are below college level (under 100 level), any credits over 15 per quarter, or any credits over the combined 1.2 FTE allotment between high school and college courses.

# HOW TO USE THIS GUIDE

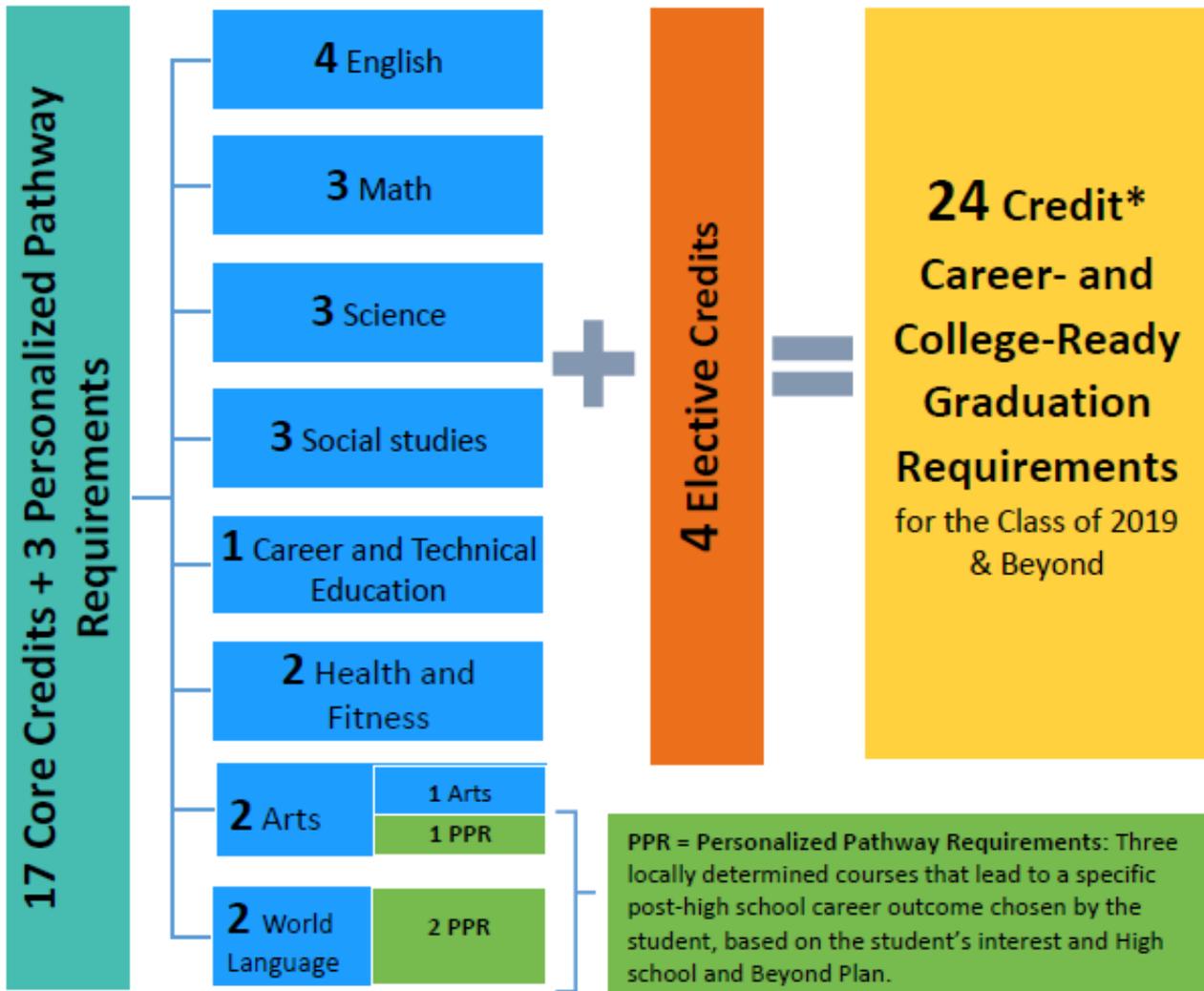
This Curriculum Guide is prepared so that students may review all the courses that are available at the high schools. Although many courses at the schools are similar, each school has some programs and classes unique to that school. It is important to understand the prerequisites for each class and the graduation requirement each class meets. The example below highlights the elements of each course description.



# 24 CREDIT CAREER & COLLEGE READY GRADUATION REQUIREMENTS

## How Do the 24-Credit Graduation Requirements Add Up?

$$17 + 3 + 4 = 24$$



\*For individual students, 2 credits may be waived: A district must adopt a written policy to waive up to 2 credits of the 24, based on the student's 'unusual circumstances.'

# ENGLISH

To ensure students can demonstrate college and career readiness in English language arts and literacy as evidenced by:

- Reading closely and analytically to comprehend a range of increasingly complex literary and informational texts
- Producing effective and well-grounded writing for a range of purposes and audiences
- Employing effective speaking and listening skills for a range of purposes and audiences
- Engaging in research and inquiry to investigate topics, and to analyze, integrate, and present information

**Career Opportunities:** All occupations require a knowledge of basic English. Students who excel in English may be interested in careers in: law, medicine, journalism, teaching, broadcasting, writing, performing arts.

| GRADE 9   | GRADE 10  | GRADE 11  | GRADE 12   |
|---|---|---|--|
| <ul style="list-style-type: none"> <li>• LANGUAGE ARTS 1A, 1B</li> <li>• ENGLISH 9</li> <li>• HONORS ENGLISH 9</li> </ul>   | <ul style="list-style-type: none"> <li>• LANGUAGE ARTS 2A, 2B</li> <li>• ENGLISH 10</li> <li>• HONORS ENGLISH 10</li> </ul> | <ul style="list-style-type: none"> <li>• ENGLISH 11</li> <li>• COLLEGE PREP ENGLISH 11</li> <li>• AP ENGLISH LANGUAGE</li> <li>• IB ENGLISH A1 HL 1A, 1B</li> </ul> | <ul style="list-style-type: none"> <li>• ENGLISH 12</li> <li>• COLLEGE PREP ENGLISH 12</li> <li>• BRIGE TO COLLEGE ENGLISH</li> <li>• AP ENGLISH LITERATURE</li> <li>• IB ENGLISH A1 HL 2A, 2B</li> </ul>  |
| ELECTIVES   | OCCUPATIONAL/CAREER & TECHNICAL EDUCATION (ENGLISH CREDIT)  |   | YV TECH (ENGLISH CREDIT)   |
| <ul style="list-style-type: none"> <li>• DEBATE</li> <li>• EDUCATION LITERACY</li> <li>• ESL LEVEL 1, 2, 3</li> <li>• FILM AS LITERATURE</li> <li>• JOURNALISM EDITORIALSHIP</li> <li>• MYTHOLOGY</li> <li>• SPORTS LITERATURE</li> </ul> | <ul style="list-style-type: none"> <li>• BUSINESS COMMUNICATIONS</li> <li>• DIGITAL &amp; PRINT JOURNALISM</li> </ul>       |   | <ul style="list-style-type: none"> <li>• ENTERTAINMENT MEDIA PRODUCTION</li> <li>• LAW ENFORCEMENT</li> <li>• AUTOMOTIVE TECHNOLOGY</li> <li>• BUSINESS ADMINISTRATION</li> <li>• TRANSLATION &amp; INTERPRETATION</li> <li>• COMPUTER TECHNICIAN</li> </ul> |

## BUS317, BUS318

## BUS417, BUS418

College Credit Available  
Business Grad Pathway

## BUSINESS COMMUNICATIONS

2 Years, 0.50 credit per semester

**Requirement Met:** Occupational/CTE, 1.0 Cr. Elective, English 11, or English 12

**Prerequisite:** None

- ❖ Thrive in an office environment using advanced communication strategies to engage audiences
- ❖ Create and deliver dynamic presentations which will be showcased in a professional portfolio
- ❖ Advance your career options with organizational skills, resume building, and public speaking

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** English credit, certifications, national competitions

**School:** Davis, Eisenhower, Stanton

(BUS417, BUS418 not offered at Davis)

## BUS326, BUS327

## BUS426, BUS427

## DIGITAL & PRINT JOURNALISM

2 Years, 0.50 credit per semester

**Requirement Met:** BUS326/327: 1.0 Cr. Eng. 11, BUS426/427: Eng. 12, Occupational/CTE, or Elective

**Prerequisite:** None

- ❖ Conduct interviews, research, write, and design publications for print and online media showcasing creativity
- ❖ Master investigative skills, responsible reporting, and journalistic writing techniques
- ❖ Examine the role of news media in our society

**Career Focus:** Prepared for immediate employment and further education

**Extras:** English elective credit, work-based experiences, scholarships

**School:** Davis, Eisenhower

## ENJ321

## JOURNALISM EDITORIALSHIP

1 Semester, 0.50 credit

**Requirement Met:** Elective

**Prerequisite:** ENJ311, or ENJ314

An independent study course for the editors of the school newspaper and/or yearbook.

**School:** Eisenhower

## ENR111, ENR112

## ENGLISH 9

1 Year, 0.50 credit per semester

**Requirement Met:** English

**Prerequisite:** None

This full-year course focuses on reading, writing, oral presentations, and conventions using the Collections textbook. Reading will encompass elements of fiction, non-fiction, poetry, and drama. Writing will include argumentative, narrative, and expository writing. Conventions may include spelling, grammar, punctuation, and capitalization as needed. Oral presentations may include poetry out loud and PowerPoint presentations.

**School:** Davis, Eisenhower, Stanton

# ENGLISH

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**ENR121, ENR122**

## **ENGLISH AS A SECOND LANGUAGE (ESL) LEVEL 1**

**1 Year**, 0.50 credit per semester (may be repeated)

**School:** Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Elective

**Prerequisite:** Placement test

English language instruction for students whose primary language is other than English. This class is for students who have had little or no contact with the English language before. Emphasis will be on conversation skills.

**ENR124, ENR125**

## **ENGLISH AS A SECOND LANGUAGE (ESL) LEVEL 2**

**1 Year**, 0.50 credit per semester

**School:** Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Elective

**Prerequisite:** Placement test

This class is a continuation of the process and academic concepts begun in Level 1. It is more advanced and is open to students who have successfully completed the essential learning for ESL level 1 as demonstrated by teacher recommendation or the ESL placement test.

**ENR127, ENR128**

## **ENGLISH AS A SECOND LANGUAGE (ESL) LEVEL 3**

**1 Year**, 0.50 credit per semester

**School:** Davis, Eisenhower, Stanton

**Requirement Met:** 1.0 Cr. Elective

**Prerequisite:** Placement test

This class is a continuation of the processes and academic concepts begun in Level 2. It is more advanced and is open to students who have successfully completed the essential learning for ESL level 2 as demonstrated by teacher recommendation or the ESL placement test.

**ENR149, ENR150**

## **PRE-AP ENGLISH 9**

**1 Year**, 0.50 credit per semester

**School:** Eisenhower

**Requirement Met:** English

**Prerequisite:**

Pre AP English methodology is followed. Language learning is a process which develops through inquiry in increasingly deeper reading. As students progress through their language and literature studies, they are expected to engage with and explore a range and sophistication of literary and informational texts and works of literature extending across genres, cultures and historical periods. Students will have an enhanced opportunity for success due to the application of teaching methodologies and additional resources from the College Board Advanced Placement Program.

**ENR151, ENR152**

## **HONORS ENGLISH 9**

**1 Year**, 0.50 credit per semester

**School:** Davis, Eisenhower

**Requirement Met:** English

**Prerequisite:** B in English 8

Language learning is a process which develops through inquiry in increasingly deeper reading. As students progress through their language and literature studies, they are expected to engage with and explore a range and sophistication of literary and informational texts and works of literature extending across genres, cultures and historical periods. These texts also provide models for students to develop the competencies to communicate appropriately and effectively in an increasing range of social, cultural and academic contexts, and for an increasing variety of audiences and purposes, providing a challenge beyond the standard ninth grade level.

**ENR211, ENR212**

## **ENGLISH 10**

**1 Year**, 0.50 credit per semester

**School:** Davis, Eisenhower, Stanton

**Requirement Met:** English

**Prerequisite:** None

This course features the use of the Collections learning materials focusing specifically on the selected core texts and enhanced with novels, films, and other texts to create a course that is suited to students' backgrounds. The class focuses on improving students' writing in the areas of expository, argumentative, and narrative in both extended and brief texts. Students will become more effective and creative communicators while they strive to become college and career ready.

**ENR249, ENR250**

## **PRE-AP ENGLISH 10**

**1 Year**, 0.50 credit per semester

**School:** Eisenhower

**Requirement Met:** English

**Prerequisite:**

Pre AP English methodology is followed. Honors English 10 is similar to English 10, with the additional expectations of self-directed learning, student leadership, inquiry, and increased participation. Students will have an enhanced opportunity for success due to the application of teaching methodologies and additional resources from the College Board Advanced Placement Program.

# ENGLISH

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**ENR251, ENR252**

## **HONORS ENGLISH 10**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** English

**Prerequisite:** C in ENR152, or B in ENR112

Honors English 10 is similar to English 10, with the additional expectations of self-directed learning, student leadership, inquiry, and increased participation.

**ENR315**

## **CREATIVE WRITING**

**ENR351, ENR352**

## **ENGLISH 11**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower, Stanton

**Requirement Met:** English

**Prerequisite:** Grade 11

This course utilizes Collections units in order to continue the development of students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. During the course, students will examine the rhetoric, techniques, and stylistic choices of these authors. Students will write brief responses, explanatory and argumentative essays, and personal narratives.

**ENR358, ENR359**

## **COLLEGE IN THE HIGH SCHOOL ENGLISH**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** English

**Prerequisite:** SBAC score 3 or above, B or better in English 10

Provides opportunities for students to develop and enhance their written communication skills. Stresses the organization, development and support of ideas and perspective in exposition and argumentation as public discourse, familiarization with library resources and application of the rules and conventions of standard American English.

**ENR355, ENR356**

Dual Credit

College Credit Available

## **COLLEGE PREP ENGLISH 11**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** English 11

**Prerequisite:** B in ENR252, or B in ENR212

A full year English class for college bound students. Surveys American literature from its beginnings in Native American oral literature through modern literature. Students read major American authors through the entire span of American literature and explore the history and philosophies that inspired the writers. Students read a variety of genre including non-fiction, short stories, novels, poetry and drama. Writing focuses on response essays and research. This course encourages college bound students to expand their reading background, analytical skills and writing experiences.

**ENR361, ENR362**

## **AP ENGLISH LANGUAGE**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** English 11

**Prerequisite:** B in ENR252, or B in ENR212

The material involved is American literature, covering the Puritan through contemporary periods. Other literature studies focus on the Greek and Roman classics. These works include selections from Plato, Aristotle, Sophocles, Aeschylus, Euripides, Homer, Tacitus, Pliny, and a variety of Greek and Roman lyric poets. A major focus of this class is to prepare students for the advanced placement exams in English and literature offered during the spring term of the senior year. Successful performance on the AP exam may allow students to be placed in second-year level college courses during their freshman year of college, depending upon the policies of the colleges in question.

**ENR371, ENR372**

## **IB ENGLISH 11 SL LANGUAGE & LITERATURE 1A, 1B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** English 11

**Prerequisite:** Grade 11. B in ENR212, or C in ENR252

This course is designed to allow students to focus exclusively on literary texts, adopting a variety of approaches to textual criticism. Students explore the nature of literature, the aesthetic function of literary language and textuality, and the relationship between literature and the world. Texts studied include but are not limited to song lyrics, poetry, short stories, novels, works in translation, non-fiction, and essays.

# ENGLISH

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**ENR376, ENR377**

## **IB ENGLISH SL LITERATURE 1A, 1B**

**1 Year**, 0.50 credit per semester

**School:** Davis

**Requirement Met:** English 11

**Prerequisite:** Grade 11

This course is designed to allow students to focus exclusively on literary texts, adopting a variety of approaches to textual criticism. Students explore the nature of literature, the aesthetic function of literary language and textuality, and the relationship between literature and the world. Texts studied include but are not limited to song lyrics, poetry, short stories, novels, works in translation, non-fiction, and essays.

**ENR378, ENR379**

## **IB ENGLISH SL LANGUAGE & LITERATURE 1A, 1B**

**1 Year**, 0.50 credit per semester

**School:** Davis

**Requirement Met:** English 11

**Prerequisite:** Grade 11

This course is designed to allow students to focus exclusively on literary texts, adopting a variety of approaches to textual criticism. Students explore the nature of literature, the aesthetic function of literary language and textuality, and the relationship between literature and the world. Texts studied include but are not limited to song lyrics, poetry, short stories, novels, works in translation, non-fiction, and essays. This is a place for students to read, think, play, hypothesize, make connections, express ideas, and grow. We will be engaging with both literary and non-literary texts in a variety of media.

**ENR451, ENR452**

## **ENGLISH 12**

**1 Year**, 0.50 credit per semester

**School:** Eisenhower, Stanton

**Requirement Met:** English

**Prerequisite:** Grade 12

This course is designed to emphasize critical thinking and analytical skills. Literary terminology, types, and themes will be explored. The major areas of study include short story, novel, drama, fiction, non-fiction and poetry, which are grouped within overarching themed units. The objective is to encourage a complex analysis, which prepares students for future courses and life. World authors will be explored and emphasized.

**ENR455, ENR456**

College Credit Available

## **COLLEGE PREP ENGLISH 12**

**1 Year**, 0.50 credit per semester

**School:** Eisenhower

**Requirement Met:** English

**Prerequisite:** B in ENR352, or B in ENR362

A full year English class for college bound students surveys English literature through modern British literature. Students read major British authors through the entire span of English literature and explore the history and philosophies that inspired the authors. They read a wide variety of genre including non-fiction, short stories, novels, poetry and drama. Writing focuses on essays, research, position papers and literary experiences, analytical essays and writing experiences.

**ENR458, ENR459**

## **BRIDGE TO COLLEGE ENGLISH**

**1 Year**, 0.50 credit per semester

**School:** Davis, Eisenhower, Stanton

**Requirement Met:** English

**Prerequisite:** Seniors who score a 2 on the Grade 11 Smarter Balanced Assessment

This course curriculum emphasizes focused reading, writing, speaking and listening, and research work based on Washington State's K-12 Learning Standards for English language arts (the Common Core State Standards, CCSS-ELA). This course will develop students' college and career readiness by building skills in critical reading, academic writing, speaking and listening, research and inquiry, and language use as defined by the CCSS-ELA for high school. Students will engage with rigorous texts and activities that support the standards' additional goals of developing the capacities of literacy, including deepening appreciation of other cultures, valuing evidence and responding to varying tasks across content areas, and navigating technology to support their work. Students will learn to evaluate the credibility of information, critique others' opinions, and construct their own opinions based on evidence. By the end of the course, students will be able to use strategies for critical reading, argumentative writing, and independent thinking while reading unfamiliar texts and responding to them in discussion and writing. This course also develops students' essential habits of mind necessary to be successful in college. Literacy activities will engage students in building skills in navigating complex texts in multiple content areas and communication skills that transfer to different tasks and demands. Students completing this course will be equipped to engage in college-level work in English.

# ENGLISH

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**ENR461, ENR462**

## **AP ENGLISH LITERATURE**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** English 12

**Prerequisite:** B in ENR352, or B in ENR362

Advanced Placement English is a course where advanced students reengage in the critical reading and analysis of literature. Emphasis is on language, characters, action, and themes. Students consider the structure, meaning, and value of literary works and then consider their relationship to contemporary experience as well as the time in which they were written. This course also includes class emphasis on analytical and critical writing skills. A major focus of this class is to prepare students for the advanced placement exams in English and literature offered during the spring term of the senior year. Successful performance on the exam may allow students to be placed in second-year college courses during their freshman year depending upon the policies of the institutions in question.

**ENR464, ENR465**

## **EDUCATIONAL LITERACY**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** Elective, English 12

**Prerequisite:** None

This elective provides students interested in literacy and educational access the opportunity to study emerging trends in public education, with a particular focus on emerging trends in various content areas. A fieldwork component in the second semester enables students to observe and participate in elementary/middle schools in the district.

**ENR471, ENR472**

## **IB ENGLISH 12 HL LITERATURE 2A, 2B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** English 12

**Prerequisite:** B in ENR352, or C in ENR372

This course is designed to allow students to focus exclusively on literary texts, developing their analytical and critical oral and written skills by adopting a variety of approaches to textual criticism. Students explore the nature of literature, the aesthetic function of literary language and textuality, and the relationship between literature and the world. Texts studied include but are not limited to song lyrics, poetry, short stories, novels, works in translation, non-fiction, and essays.

**ENR474, ENR475**

## **IB ENGLISH 12 SL LITERATURE 2A, 2B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** English 12

**Prerequisite:** Grade 10. Score 3 or 4 on the BAC test. Teacher permission.

IB SL English Literature changes the way students look at literature. It is designed to move away from the broad and general glance at anthologies and accepted literature. Instead, it teaches students to intensely and carefully study works of selected and prescribed authors. The authors and their works cover all the periods and all genres. Critical thinking and writing skills are taught alongside speaking and presenting skills.

**ENR478, ENR479**

## **IB ENGLISH SL LANGUAGE & LITERATURE 2A, 2B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** English 11

**Prerequisite:** ENR378 and ENR379

This course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practice, and to encourage students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. Students will gain a global perspective. They will write literary analyses, comparison essays, specific written tasks prescribed by the IB. They will have an oral commentary and two further oral activities as prescribed by IB.

**ENR481, ENR482**

## **ENGLISH 170 INTRO TO LITERATURE**

**ENS110, ENS111**

## **LANGUAGE ARTS 1A, 1B**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower, Stanton

**Requirement Met:** English 9

**Prerequisite:** In Read 180 and/or qualifies

Provides instruction in basic language skills, integrating reading, writing, speaking, and listening. Course content depends upon student's abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

# ENGLISH

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|                       |   |   |
|-----------------------|---|---|
| <b>ENS210, ENS211</b> | <b>LANGUAGE ARTS 2A, 2B</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English Elective<br><b>Prerequisite:</b> In Read 180 and/or qualifies, or ENS111<br>A continuation of learning in the READ 180 program.  | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>ENS280</b>         | <b>READING COE</b>  |   |
| <b>ENS311</b>         | <b>FILM AS LITERATURE</b>   |   |
| <b>ENS315</b>         | <b>CREATIVE WRITING</b>   |   |
| <b>ENS320</b>         | <b>MYTHOLOGY</b>  |   |
| <b>ENS324</b>         | <b>SCIENCE FICTION</b>  |   |
| <b>ENS343</b>         | <b>DEBATE</b><br>1 Semester, 0.50 credit<br><b>Requirement Met:</b> Elective<br><b>Prerequisite:</b> None<br>This course is designed to prepare students for speaking events, including senior projects, and for competition in debate. It stresses research techniques, argumentation theory, public speaking skills, and extensive practice. Students will prepare written speeches that will then be work-shopped for performance or used for senior project presentations. Students will have the opportunity to compete against other schools as well. | <b>School:</b> Eisenhower                 |
| <b>ENS344</b>         | <b>PUBLIC SPEAKING</b>  |   |

## **ENGLISH CREDIT OFFERED AT YV-TECH – TURN TO YV-TECH SECTION FOR COURSE DESCRIPTIONS**

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|  |  |                        |
|--|--|------------------------|
| <b>SKT311, SKT411</b><br><b>College Credit Available</b> | <b>ENTERTAINMENT MEDIA PRODUCTION</b><br>1 Year, 1.50 credits per semester   | <b>School:</b> YV-Tech |
| <b>SKL320, SKL420</b><br><b>College Credit Available</b> | <b>LAW ENFORCEMENT</b><br>1 Year, 1.50 credits per semester                  | <b>School:</b> YV-Tech |
| <b>SKU311, SKU411</b><br><b>College Credit Available</b> | <b>AUTOMOTIVE TECHNOLOGY</b><br>1 Year, 1.50 credits per semester            | <b>School:</b> YV-Tech |
| <b>SKL311, SKL411</b><br><b>College Credit Available</b> | <b>BUSINESS ADMINISTRATION</b><br>1 Year, 1.50 credits per semester          | <b>School:</b> YV-Tech |
| <b>SKI301, SKI401</b><br><b>College Credit Available</b> | <b>TRANSLATION &amp; INTERPRETATION</b><br>1 Year, 1.50 credits per semester | <b>School:</b> YV-Tech |
| <b>SKE311, SKE411</b><br><b>College Credit Available</b> | <b>COMPUTER TECHNICIAN</b><br>1 Year, 1.50 credits per semester              | <b>School:</b> YV-Tech |

# MATH

It is important for all student to have the opportunity to gain as strong a preparation in mathematics as their ability will allow. The development of the inquiry and problem solving skills will provide students with the opportunity for maximum intellectual growth and an optimum range of career choices. The problem solving approach to learning not only provides a natural setting for consideration of topics from business, industry, and other vocationally oriented sources, but also serves as a primary vehicle for learning in all areas of educational development.

YSD students work to demonstrate proficiency in mathematical concepts and practices. Students engage in the following mathematical practices as a way to build conceptual understanding of the content:

- 1) Make sense of problems and persevere in solving them
- 2) Construct viable arguments and critique the reasoning of others
- 3) Reason abstractly and quantitatively
- 4) Model with mathematics
- 5) Attend to precision
- 6) Use appropriate tools strategically
- 7) Look for and make use of structure
- 8) Look for and express regularity in repeated reasoning. Students move from one course to the next progressing through content standards while continually revisiting and engaging in the same eight mathematical practices.

| ALGEBRA COURSES   | 3 <sup>rd</sup> YR MATH OPTIONS  | OPTIONS AFTER ALGEBRA II  | 4 <sup>th</sup> YR MATH OPTIONS  |
|---|--|---|--|
| <ul style="list-style-type: none"> <li>• INTENSIFIED ALGEBRA</li> <li>• ALGEBRA I</li> <li>• APPLIED ALGEBRA</li> </ul> | <ul style="list-style-type: none"> <li>• MODELING OUR WORLD WITH MATHEMATICS</li> <li>• HONORS PRE-CALCULUS</li> <li>• IB MATH APPLICATIONS &amp; INTERPRETATIONS</li> <li>• IB MATH ANALYSIS &amp; APPROACHES SL 1A, 1B &amp; 2A, 2B</li> <li>• AP CALCULUS</li> <li>• IB MATH SL/HL</li> </ul> | <ul style="list-style-type: none"> <li>• AP STATISTICS</li> <li>• HONORS PRE-CALCULUS</li> <li>• AP CALCULUS</li> </ul> | <ul style="list-style-type: none"> <li>• BRIDGE TO COLLEGE MATH</li> </ul> |

| GEOMETRY COURSES  | OCCUPATIONAL/CAREER & TECHNICAL EDUCATION (MATH CREDIT)  | YV TECH (MATH CREDIT)   |
|---|--|---|
| <ul style="list-style-type: none"> <li>• GEOMETRY</li> <li>• HONORS GEOMETRY</li> <li>• APPLIED GEOMETRY</li> <li>• AGILE GEOMETRY</li> </ul> | <ul style="list-style-type: none"> <li>• ACCOUNTING</li> <li>• ADVANCED FABRICATION TECHNOLOGY</li> <li>• ADVANCED ROBOTICS, ENGINEERING, &amp; MANUFACTURING</li> <li>• AP COMPUTER SCIENCE</li> <li>• ARCHITECTURAL DRAFTING</li> <li>• CARPENTRY (INTRO)</li> <li>• COMPUTER SCIENCE PRINCIPLES</li> <li>• FABRICATION TECHNOLOGY</li> <li>• FINANCIAL INDEPENDENCE</li> <li>• FOOD SCIENCE</li> <li>• MECHANICAL DRAFTING</li> <li>• WEBPAGE DESIGN</li> <li>• WELDING</li> <li>• WOODWORKING</li> </ul> | <ul style="list-style-type: none"> <li>• AUTOMATION TECHNOLOGY</li> <li>• BUSINESS ADMINISTRATION</li> <li>• CONSTRUCTION TRADES</li> <li>• CULINARY ARTS</li> <li>• CYBERSECURITY</li> <li>• ELECTRICAL</li> <li>• ENTERTAINMENT MEDIA PRODUCTION</li> </ul> |

## BUS302, BUS303

College Credit Available  
Business Grad Pathway

## WEBPAGE DESIGN

1 Semester, 0.50 credit

Requirement Met: Occupational/CTE, Fine Arts, Math

Prerequisite: BUS100

- ❖ Express your creativity and unlock the solutions to complex problems through the universal language of computers
- ❖ Interpret client needs to design creative, eye-catching, and responsive websites and mobile applications
- ❖ Maximize search engine optimization by developing clean, modern, and intuitive websites

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art credit, college credit/scholarships, national competitions

School: Davis, Eisenhower

# MATH

## BUS314, BUS315

*Business Grad Pathway*

### ACCOUNTING

1 Semester, 0.50 credit

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective, .5 Cr. 3<sup>rd</sup> Yr. Math

**Prerequisite:** Grades 11-12. BUS314

- ❖ Experience powerful business applications and simulations while applying key strategies in both personal and corporate situations
- ❖ Work individually and in a professional team environment while meeting the ongoing financial needs of a company
- ❖ Prepare employee payroll, tax returns, and fiscal reports using the same advanced software as professionals

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, certifications/college credit, national competitions

## BUS332, BUS333

*STEM Graduation Pathway*

### COMPUTER SCIENCE PRINCIPLES

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Science Elective

**Prerequisite:** Intro to Computer Science

- ❖ Investigate the global impact of computers and the need for cybersecurity and threat assessment
- ❖ Develop creative and unique software solutions using the universal language of computers
- ❖ Challenge yourself to explore how technology and computing serves as the critical foundation for our modern economy

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Science elective or 3<sup>rd</sup> Year Math credit, certifications/scholarships, national competitions

## BUS334, BUS335

*Business Grad Pathway*

### FINANCIAL INDEPENDENCE

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Algebra, or 3<sup>rd</sup> Yr. Math, 1.0 Elective

**Prerequisite:** Grades 10-12

- ❖ Discover how to start planning and saving for the lifestyle you want to enjoy
- ❖ Get the inside scoop on how investments, loans, and banks work to secure financial freedom
- ❖ Make smart financial decisions to avoid the paycheck-to-paycheck cycle

**Career Focus:** Prepared for immediate employment and further education

**Extras:** 3<sup>rd</sup> Year Math or Algebra credit, work-based experiences, national competitions

## BUS361, BUS362

**College Credit Available**

*STEM Graduation Pathway*

### AP COMPUTER SCIENCE

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Science Elective, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Elective

**Prerequisite:** Intro to Computer Science

- ❖ Challenge yourself to explore how technology and computing serves as the critical foundation for our modern economy
- ❖ Create problem solving programs utilizing Java and other advanced coding languages
- ❖ Design apps using programming concepts such as algorithms, conditionals, functions, and loops

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Science elective or 3<sup>rd</sup> year math or Algebra credit, certifications/scholarships, national competitions

## HFL250, HFL251

*Hospitality Grad Pathway  
(part of FACSE)*

### FOOD SCIENCE

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Craft amazing and fun foods using flames, knives, and creative chemistry
- ❖ Express creativity as part of a team that designs menus, prepares meals, organizes catered events, and develops unique dining experiences
- ❖ Partner with hospitality professionals to provide high-quality customer service, event planning, and catering support

**Career Focus:** Prepared for state licensure, immediate employment, advanced certifications, and further education

**Extras:** Lab Science credit, work-based experiences, national competitions

# MATH

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## HFL250, HFL251

*Hospitality Grad Pathway  
(part of FACSE)*

### FOOD SCIENCE A (YEAR 1)

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

Are you hungry? Students will apply science in the process of making food and beverages that you get to eat and drink! Learn basic food preparation & cooking skills, safety & sanitation knowledge, and nutrition when preparing as well as enjoying a variety of lab products. In this course, students will learn about the relationships between science, food and nutrition. Basic laws of science, microbiology and government legislation are applied to the food path from farm to table. The Washington State Food Handler's permit will be given allowing students to earn a required card that will allow them to obtain employment in the local food industry. Students will have the opportunities to earn certificates for passing the following Precision Exams for 21st Century Skills, Food & Nutrition, and Culinary Arts I, that may be placed in their digital portfolio and put on their resume. FCCLA is a Career and Technical Student Organization that will be used in this class that includes Power of One projects, Competitive Events and Skill Demonstration opportunities that allows students to earn recognition, be a part of an organization that focuses on personal growth, leadership, community service, and career exploration.

## HFL352, HFL353

*Hospitality Grad Pathway  
(part of FACSE)*

### FOOD SCIENCE B (YEAR 2)

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

This is the continuation of the curriculum that was taught in the Food Science A; 1st year course. Are you still hungry? Students will continue to apply science in the process of making food and beverages that you get to eat and drink! Additional food preparation & cooking skills will be taught and implemented in a variety of labs. Examine current food issues and concerns that focus on the lifelong relationship to your health and well-being in exploring modification or changing of diet or eating lifestyles. Nutrition including dietetics and advanced education of becoming a registered dietician or earning a specialization in food and nutrition in post-secondary education will be explored. The opportunity to earn a ServSafe certification and a Red Cross First Aid and CPR card will be given during the 1st semester. Students will explore the hospitality industry with possible internships with local food businesses during 2nd semester. Students will have the opportunities to earn certificates for passing the following Precision Exams for 21st Century Skills, Culinary Arts II, and Nutrition & Wellness that may be placed in their digital portfolio and put on their resume. FCCLA is a Career and Technical Student Organization that will be used in this class that includes Power of One projects, Competitive Events and Skill Demonstration opportunities that allows students to earn recognition, be a part of an organization that focuses on personal growth, leadership, community service, and career exploration.

## MAT109, MAT110

### INTENSIFIED ALGEBRA

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** Math

**Prerequisite:** By placement.

Intensified Algebra is a comprehensive extended-period course that is designed to help students who are one to two years behind in mathematics re-engage as motivated learners and succeed in Algebra 1 within a single academic year. It transforms the teaching of algebra for students who need additional time to understand the mathematics.

## MAT121, MAT122

### ALGEBRA 1

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** Math

**Prerequisite:** Completion of 8<sup>th</sup> grade math.

This course includes operations on signed numbers, linear equations and inequalities, properties of polynomials, graphing linear equations and inequalities, and an introduction to absolute value. In addition to solving systems of equations, polynomials in more than one variable, radicals and radical expressions, rational algebraic expressions, and a brief introduction to quadratic equations. The foundations of algebra and its relationship to geometry will be explored with emphasis placed on practical applications to many different fields.

## MAT147, MAT148

### AGILE GEOMETRY

1 Year, 0.50 credit per semester

School: Stanton

**Requirement Met:** 1.0 Cr. Math, or 2<sup>nd</sup> Yr. Math

**Prerequisite:** Algebra, or Intensified Algebra

Agile Geometry introduces the tools central to the study of space and special relationships. Throughout the course students will: learn basic geometry of 3-dimensional shapes including methods of finding simple volumes and surface areas and develop spatial reasoning ability, including the capacity to represent shapes and figures concretely, pictorially, algebraically, and through the use of coordinate systems.

# MATH

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|--|--|---|
| <b>MAT151, MAT152</b>                                    | <b>HONORS GEOMETRY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> B in MAT122, or MAT142, or a C in MAT126<br>Explores Geometry and its place in the real world. Topics include points, lines, planes, geometric figures, and area and volume. Many geometric figures and their properties are studied including circles and spheres, quadrilaterals, triangles, and other polygons. Coordinate geometry and its relevance to statistics is also studied. The use of appropriate technology will be incorporated into the curriculum as needed, including graphing calculators. This course meets the prerequisite skills needed for entry in the IB Mathematics program. This course is designed to help students prepare for IB/AP math classes in high school. | <b>School:</b> Davis, Eisenhower          |
| <b>MAT221, MAT222</b>                                    | <b>GEOMETRY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> MAT109, MAT122, or MAT142<br>Explores Geometry and its place in the real world. Topics include points, lines, planes, geometric figures, and area and volume. Many geometric figures and their properties are studied including circles and spheres, quadrilaterals, triangles, and other polygons. Coordinate geometry and its relevance to statistics is also studied.   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>MAT251, MAT252</b>                                    | <b>HONORS ALGEBRA 2</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> B in MAT222, MAT332, or a C in MAT152. Teacher recommendation.<br>A rigorous course designed for students who are interested and successful in mathematics, and plan on taking advanced placement and calculus in high school. This course will emphasize the real number system, the function concept, sequences and series, and conic sections.  | <b>School:</b> Davis, Eisenhower          |
| <b>MAT321, MAT322</b>                                    | <b>ALGEBRA 2</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> MAT222, MAT152, or MAT332.<br>This course emphasizes algebraic expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial, and other special functions both for their abstract properties and as tools for modeling real-world situations. Geometric ideas are utilized throughout.   | <b>School:</b> Davis, Eisenhower          |
| <b>MAT325, MAT326</b>                                    | <b>MODELING OUR WORLD WITH MATHEMATICS</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math 11. 3 <sup>rd</sup> year math req.<br><b>Prerequisite:</b> Earned 1 credit in Algebra and in Geometry. Junior standing.<br>Modeling Our World With Mathematics (MOWWM) is a five-module mathematics course developed locally by OSPI with input from educators across Washington, and is designed to follow Geometry. It contains career-connected thematic units where students use high school mathematics to analyze everyday life and work. The class is intended to help students prepare for courses like Algebra 2 and CTE/STEM courses.   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>MAT351, MAT352</b><br><b>College Credit Available</b> | <b>HONORS PRE-CALCULUS</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> B in MAT332 or C in MAT252<br>A rigorous pre-calculus course designed for students interested in mathematics and desiring to take A.P. Calculus in the senior year. The function concept will unify the course, with emphasis on exponential, logarithmic, circular, and trigonometric functions. Topics in data analysis, matrices, and mathematical modeling are included. Calculators and computers are used extensively.  | <b>School:</b> Eisenhower                 |
| <b>MAT371, MAT372</b>                                    | <b>IB MATH APPLICATIONS &amp; INTERPRETATIONS 1A, 1B</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> MAT252. In IB program<br>A junior level course designed to prepare students for the IB Subsidiary Level Mathematical Studies class in the senior year. Several themes spiral throughout the course. They are functions modeling, computation and estimation, data analysis, sets and logic, finance and linear programming, matrices, geometries, and trigonometry. This course is designed for students wanting to major in the humanities at college.   | <b>School:</b> Davis                      |

# MATH

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|-----------------------|---|---|
| <b>MAT374, MAT375</b> | <b>IB MATH ANALYSIS &amp; APPROACHES SL 1A, 1B</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> MAT252. In IB program<br>A junior level course designed to prepare students for the Subsidiary Level class in the senior year. Six themes spiral throughout the course. They are mathematical modeling, the use of the computer and calculator as tools, applications of functions, data analysis, discrete phenomena, and numerical algorithms. This course is designed for students wanting to major in the sciences at college. | <b>School:</b> Davis                      |
| <b>MAT427, MAT428</b> | <b>BRIDGE TO COLLEGE MATH</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> MATH<br><b>Prerequisite:</b> Seniors who score a 2 on the Smarter Balance 11 <sup>th</sup> Gr. Assessment<br>The course curriculum emphasizes modeling with mathematics and the CCSS Standards for Mathematical Practice. Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing and interpreting data.   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>MAT461, MAT462</b> | <b>AP CALCULUS</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> MAT352 or department permission<br>The Advanced Placement Calculus course is designed to deal with the topics that are covered in the AP test. The course will use appropriate technology and methodology to prepare students for further advanced studies in mathematics.   | <b>School:</b> Eisenhower                 |
| <b>MAT471, MAT472</b> | <b>IB MATH APPLICATIONS &amp; INTERPRETATIONS 2A, 2B</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> MAT372. In IB program<br>A senior level course designed to prepare students to take the IB exam in Subsidiary Level Mathematical Studies. The compulsory core of the course includes functions, computation, data analysis, sets and logic, business techniques, geometry, and trigonometry. Designed for students wanting to major in the humanities at college.  | <b>School:</b> Davis                      |
| <b>MAT474, MAT475</b> | <b>IB MATH ANALYSIS &amp; APPROACHES 2A, 2B</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> MAT375. In IB program.<br>A senior level course designed to prepare students to take the IB exam in Subsidiary Level Mathematics. The compulsory core of the course includes number properties, trigonometry, algebra and coordinate geometry, functions and calculus, two-dimensional vectors and matrices, and probability and statistics. Designed for students wanting to major in the sciences at college.                       | <b>School:</b> Davis                      |
| <b>MAT141, MAT142</b> | <b>APPLIED ALGEBRA</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Occupational/CTE, 1.0 Credit Algebra I<br><b>Prerequisite:</b> None<br>Students learn algebra through practical application and hands-on experience. Topics for this course include: problem solving techniques, estimating answers, using ratios and proportions, working with scale drawings, using signed numbers and vectors, using scientific notation, solving problems with powers and roots and using formulas to solve problems.   | <b>School:</b> Eisenhower, Stanton        |
| <b>MAT331, MAT332</b> | <b>APPLIED GEOMETRY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Occupational/CTE, Math<br><b>Prerequisite:</b> MAT122, MAT126 or MAT142<br>Students learn geometry through practical application and hands-on experience. Topics for this course include: measuring in English and metric units, working with lines and angles, working with shapes in two dimensions and working with shapes in three dimensions.   | <b>School:</b> Eisenhower, Stanton        |

# MATH

## TED104, TED105

### TED204, TED205

College Credit Available  
STEM Graduation Pathway

## MECHANICAL DRAFTING

2 Years, 0.50 credit per semester

School: Davis, Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, .5 Cr. Geometry, or 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

Prerequisite: TED105

- ❖ Invent, design, and prototype high-tech precision parts and tools used worldwide in everyday products
- ❖ Work alongside industry experts to explore professional mechanical engineering firms
- ❖ Use the latest techniques in 3D and computer-aided design technologies

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, college credit/scholarships, national competitions

## TED211, TED212

College Credit Available

Architecture & Construction  
Graduation Pathway

## ARCHITECTURAL DRAFTING

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Geometry or 3<sup>rd</sup> Yr. Math, 1.0 Fine Arts, 1.0 Elective

Prerequisite: TED105

- ❖ Envision and design your dream home by creating detailed floor plans and blueprints
- ❖ Visualize, design, and construct 3D models and generate full-color 3D computer-aided drawings
- ❖ Produce a professional portfolio of designs, plans, and architectural projects

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art or 3<sup>rd</sup> Year Math credit, college credit/scholarships, national competitions

## TEM111, TEM112

### TEM330, TEM33

Dual Credit

Architecture & Construction  
Graduation Pathway

## FABRICATION TECHNOLOGY

2 Years, 0.50 credit per semester

School: Eisenhower, Stanton

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Elective

Prerequisite: None

- ❖ Invent, design, and engineer precision parts and tools used worldwide in everyday products using cutting-edge manufacturing technologies
- ❖ Be a key part of a professional team to solve challenging problems using high-tech materials, machines, and techniques
- ❖ Design layout patterns, interpret blueprints, and adhere to engineering specifications

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, college credit/scholarships, national competitions

## TEM211, TEM212

### TEM311, TEM312

College Credit Available

Architecture & Construction  
Graduation Pathway

## WELDING

2 Years, 0.50 credit per semester

School: Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, .5 Cr. Geometry or 3<sup>rd</sup> Yr. Math, or 1.0 Cr. Elective

Prerequisite: None

- ❖ Manipulate the power of fire and electricity to design and construct the metal products people use every day
- ❖ Use advanced welding techniques to join, cut, bend, and manipulate metal for industrial applications
- ❖ Operate the same advanced equipment used by professionals to troubleshoot and creatively solve industry challenges

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, certifications/college credit, national competitions

## TET334, TET335

College Credit Available

STEM Graduation Pathway

## ADVANCED ROBOTICS, ENGINEERING, & MANUFACTURING

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

Prerequisite: Intro to Robotics

- ❖ Engage your creative maker-mindset by linking computers and machines to produce innovative solutions
- ❖ Use advanced computer-controlled robotic technology to produce solutions for complex engineering challenges
- ❖ Visualize and construct 3D models and prototypes based on the needs of local clients and industry leaders

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, college credit/scholarships, certifications

# MATH

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## TEW101, TEW102

### WOODWORKING

Architecture & Construction  
Graduation Pathway

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, .5 Cr. Geometry or 3<sup>rd</sup> Yr. Math, or 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Build custom furniture and products using a wide range of professional power tools and computerized equipment
- ❖ Work alongside industry professionals to finish projects using creative carving, joinery, staining, and painting techniques
- ❖ Interpret plans and specifications to construct custom products from raw materials

**Career Focus:** Prepared for immediate employment and further education

**Extras:** 3<sup>rd</sup> Year Math credit, national competitions, scholarships

## TEW210, TEW211

### CARPENTRY (INTRO)

Architecture & Construction  
Graduation Pathway

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, or 1.0 Cr. Elective

**Prerequisite:** TEW101, TEW102

- ❖ Work in all aspects of residential and commercial construction including foundations, framing, roofing, and interior finishing
- ❖ Contribute as part of a team to design and construct meaningful projects for the community
- ❖ Decode blueprints and specifications to construct wood products and structures from rough lumber to finish grade

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, scholarships/national competitions, project-based experiences

## MATH CREDIT OFFERED AT YV-TECH – TURN TO YV-TECH SECTION FOR COURSE DESCRIPTIONS

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### SKE313, SKE413

#### CYBERSECURITY

College Credit Available

1 Year, 1.50 credits per semester

School: YV-Tech

### SKF321, SKF421

#### CULINARY ARTS

College Credit Available

1 Year, 1.50 credits per semester

School: YV-Tech

### SKR313, SKR413

#### AUTOMATION TECHNOLOGY

College Credit Available

1 Year, 1.50 credits per semester

School: YV-Tech

### SKL311, SKL411

#### BUSINESS ADMINISTRATION

College Credit Available

1 Year, 1.50 credits per semester

School: YV-Tech

### SKC311, SKC411

#### CONSTRUCTION TRADES

College Credit Available

1 Year, 1.50 credits per semester

School: YV-Tech

### SKE320, SKE420

#### ELECTRICAL

College Credit Available

1 Year, 1.50 credits per semester

School: YV-Tech

### SKT311, SKT411

#### ENTERTAINMENT MEDIA PRODUCTION

College Credit Available

1 Year, 1.50 credits per semester

School: YV-Tech

# SCIENCE

In high school science courses, YSD students work to demonstrate proficiency in science concepts and practices.

Students engage in the following science practices as a way to build conceptual understanding of the content:

- asking questions and defining problems;
- developing and using models;
- planning and carrying out investigations;
- analyzing and interpreting data;
- using mathematics and computational thinking;
- constructing explanations and designing solutions;
- engaging in argument from evidence; and
- obtaining, evaluating, and communicating information.

Students move from one course to the next progressing through content standards while continually revisiting and engaging in the same eight science practices.

| SCIENCE COURSES   | IB SCIENCE  | AP SCIENCE   | HONORS SCIENCE   |
|---|---|--|--|
| <ul style="list-style-type: none"> <li>• BIOLOGY OR HONORS BIOLOGY</li> <li>• CHEMISTRY OR HONORS CHEMISTRY</li> <li>• EARTH &amp; SPACE SCIENCE</li> <li>• GEOLOGY (EARTH SCIENCE)</li> <li>• PHYSICS</li> <li>• COLLEGE IN THE HIGH SCHOOL CHEMISTRY</li> </ul> | <ul style="list-style-type: none"> <li>• IB BIOLOGY</li> <li>• IB CHEMISTRY</li> <li>• IB PHYSICS</li> <li>• IB SPORTS, EXERCISE, &amp; HEALTH SCIENCES SL</li> <li>• IB ANTHROPOLOGY HL</li> </ul> | <ul style="list-style-type: none"> <li>• AP CHEMISTRY</li> <li>• AP ENVIRONMENTAL SCIENCE</li> <li>• AP PHYSICS</li> </ul> | <ul style="list-style-type: none"> <li>• HONORS BIOLOGY</li> <li>• HONORS CHEMISTRY</li> </ul> |

| SCIENCE ELECTIVES  | OCCUPATIONAL/CAREER & TECHNICAL EDUCATION (SCIENCE CREDIT)  | YV TECH (SCIENCE CREDIT)   |
|--|---|--|
| <ul style="list-style-type: none"> <li>• ANATOMY</li> <li>• BOTANY</li> <li>• GENERAL ZOOLOGY</li> </ul> | <ul style="list-style-type: none"> <li>• AGRICULTURE &amp; NATURAL RESOURCE SCIENCE (INTRO)</li> <li>• AP COMPUTER SCIENCE</li> <li>• AP ENVIRONMENTAL SCIENCE</li> <li>• COMPUTER SCIENCE PRINCIPLES</li> <li>• FAMILY HEALTH</li> <li>• FOOD SCIENCE</li> <li>• GREENHOUSE OPERATIONS</li> <li>• HUMAN BODY SYSTEMS</li> <li>• MATERIALS SCIENCE</li> <li>• MEDICAL INTERVENTIONS</li> <li>• PLANT SCIENCE</li> <li>• PRINCIPLES OF BIOMEDICAL SCIENCES</li> <li>• ROBOTICS FOUNDATIONS</li> <li>• SPORTS MEDICINE</li> </ul> | <ul style="list-style-type: none"> <li>• AUTOMOTIVE TECHNOLOGY</li> <li>• COMPUTER TECHNICIAN</li> <li>• CULINARY ARTS</li> <li>• DENTAL ASSISTING</li> <li>• NURSING</li> <li>• PRE-MEDICAL ASSISTANT</li> <li>• PHYSICAL THERAPY TECHNICIAN</li> </ul> |

# SCIENCE

## AGG200, AGG201

College Credit Available

AG Graduation Pathway

## GREENHOUSE OPERATIONS

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, Tech Prep, 1.0 Cr. Elective

**Prerequisite:** Biology or Plant Science with grade of C or better. Grades 10-12

- ❖ Work with experts in the field of agriculture and take a leadership role by participating in exciting FFA activities
- ❖ Manage controlled environments to create optimal growth, nutrition, and integrated pest management plans
- ❖ Use advanced technology and equipment to grow and maintain sustainable flowers, plants, and farm-to-table produce

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Lab Science credit, certifications/scholarships, work-based experiences

## AGP200, AGP201

College Credit Available

AG Graduation Pathway

## PLANT SCIENCE

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, Tech Prep, 1.0 Cr. Elective

**Prerequisite:** Grades 10-12

- ❖ Maximize your understanding of plant life and apply your knowledge in the expanding agriculture industry
- ❖ Discover the foundations of botany, plant ecology, plant pathology, genetics, and cell biology
- ❖ Use micropropagation, hydroponics, and advanced technology to understand drought, pest resistance, and plant cloning to make plants thrive

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Lab Science credit, certifications/scholarships, college credit

## AGS101, AGS102

College Credit Available

AG Graduation Pathway

## AGRICULTURE & NATURAL RESOURCE SCIENCE (INTRO)

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Save the planet through dynamic experiences and projects focused on green, sustainable, and renewable resources
- ❖ Explore fish and wildlife management, agriculture, horticulture, soil conservation, and the key aspects of our food supply chain
- ❖ Step into leadership by participating in exciting FFA activities and competitions

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Lab Science credit, college credit, project-based experiences

## BUS332, BUS333

STEM Graduation Pathway

## COMPUTER SCIENCE PRINCIPLES

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Science Elective

**Prerequisite:** Intro to Computer Science

- ❖ Investigate the global impact of computers and the need for cybersecurity and threat assessment
- ❖ Develop creative and unique software solutions using the universal language of computers
- ❖ Challenge yourself to explore how technology and computing serves as the critical foundation for our modern economy

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Science elective or 3<sup>rd</sup> Year Math credit, certifications/scholarships, national competitions

## BUS361, BUS362

College Credit Available

STEM Graduation Pathway

## AP COMPUTER SCIENCE

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Science Elective, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Elective

**Prerequisite:** Intro to Computer Science

- ❖ Challenge yourself to explore how technology and computing serves as the critical foundation for our modern economy
- ❖ Create problem solving programs utilizing Java and other advanced coding languages
- ❖ Design apps using programming concepts such as algorithms, conditionals, functions, and loops

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Science elective or 3<sup>rd</sup> year math or Algebra credit, certifications/scholarships, national competitions

# SCIENCE

## HFL116

### FAMILY HEALTH

1 Semester, 0.50 credit

School: Eisenhower, Stanton

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Health, 1.0 Elective

Prerequisite: None

- ❖ Prepare for a wide array of studies in nutrition, physical and emotional wellness including human sexuality
- ❖ Explore the stages of child development and how parents can support children on the road to a healthy, well-adjusted life
- ❖ Apply professional methods in psychological and developmental behavior within the family and society

Career Focus: Prepared for immediate employment and further education

Extras: Health credit, certifications/scholarships, work-based experiences

## HFL250, HFL251

Hospitality Grad Pathway  
(part of FACSE)

### FOOD SCIENCE

1 Year, 0.50 credit per semester

School: Davis

Requirement Met: 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

Prerequisite: None

- ❖ Craft amazing and fun foods using flames, knives, and creative chemistry
- ❖ Express creativity as part of a team that designs menus, prepares meals, organizes catered events, and develops unique dining experiences
- ❖ Partner with hospitality professionals to provide high-quality customer service, event planning, and catering support

Career Focus: Prepared for state licensure, immediate employment, advanced certifications, and further education

Extras: Lab Science credit, work-based experiences, national competitions

## HFL250, HFL251

Hospitality Grad Pathway  
(part of FACSE)

### FOOD SCIENCE A (YEAR 1)

1 Year, 0.50 credit per semester

School: Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

Prerequisite: None

Are you hungry? Students will apply science in the process of making food and beverages that you get to eat and drink! Learn basic food preparation & cooking skills, safety & sanitation knowledge, and nutrition when preparing as well as enjoying a variety of lab products. In this course, students will learn about the relationships between science, food and nutrition. Basic laws of science, microbiology and government legislation are applied to the food path from farm to table. The Washington State Food Handler's permit will be given allowing students to earn a required card that will allow them to obtain employment in the local food industry. Students will have the opportunities to earn certificates for passing the following Precision Exams for 21st Century Skills, Food & Nutrition, and Culinary Arts I, that may be placed in their digital portfolio and put on their resume. FCCLA is a Career and Technical Student Organization that will be used in this class that includes Power of One projects, Competitive Events and Skill Demonstration opportunities that allows students to earn recognition, be a part of an organization that focuses on personal growth, leadership, community service, and career exploration.

## HFL352, HFL353

Hospitality Grad Pathway  
(part of FACSE)

### FOOD SCIENCE B (YEAR 2)

1 Year, 0.50 credit per semester

School: Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

Prerequisite: None

This is the continuation of the curriculum that was taught in the Food Science A; 1st year course. Are you still hungry? Students will continue to apply science in the process of making food and beverages that you get to eat and drink! Additional food preparation & cooking skills will be taught and implemented in a variety of labs. Examine current food issues and concerns that focus on the lifelong relationship to your health and well-being in exploring modification or changing of diet or eating lifestyles. Nutrition including dietetics and advanced education of becoming a registered dietician or earning a specialization in food and nutrition in post-secondary education will be explored. The opportunity to earn a ServSafe certification and a Red Cross First Aid and CPR card will be given during the 1st semester. Students will explore the hospitality industry with possible internships with local food businesses during 2nd semester. Students will have the opportunities to earn certificates for passing the following Precision Exams for 21st Century Skills, Culinary Arts II, and Nutrition & Wellness that may be placed in their digital portfolio and put on their resume. FCCLA is a Career and Technical Student Organization that will be used in this class that includes Power of One projects, Competitive Events and Skill Demonstration opportunities that allows students to earn recognition, be a part of an organization that focuses on personal growth, leadership, community service, and career exploration.

# SCIENCE

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|--|--|---|
| <b>SCB211, SCB212</b>                            | <b>BIOLOGY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Lab Science<br><b>Prerequisite:</b> None<br>This course features a year-long curriculum in life science emphasizing: cell biology, genetics, plant and animal classification and anatomy, ecology, evolution, and human biology.   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>SCB251, SCB252</b>                            | <b>HONORS BIOLOGY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Lab Science<br><b>Prerequisite:</b> Geometry or above. B in SCA112<br>This is a course designed for honors students. Pre IB Biology curriculum is followed. The depth of the content is substantially greater than regular Biology.   | <b>School:</b> Davis, Eisenhower          |
| <b>SCB371, SCB372</b>                            | <b>IB BIOLOGY HL 1A, 1B</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Lab Science<br><b>Prerequisite:</b> In IB program.<br>This is a two-year-long course designed to prepare students for the International Baccalaureate higher-level Test for laboratory and classroom information. It features a more in-depth look through a molecular approach to biology.   | <b>School:</b> Davis                      |
| <b>SCB471, SCB472</b>                            | <b>IB BIOLOGY HL 2A, 2B</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Lab Science<br><b>Prerequisite:</b> SCB372<br>The course is designed to meet the curriculum of the International Baccalaureate Program. The course is structured to qualify students to take the higher-level test.   | <b>School:</b> Davis                      |
| <b>SCC311, SCC312</b>                            | <b>CHEMISTRY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Lab Science<br><b>Prerequisite:</b> None<br>Chemistry is a laboratory based, problem-solving course which deals mainly with the chemical elements, their structure, and behavior toward one another. It deals with the study of matter its structure, properties and composition, and the changes that matter undergoes based on predictable relationships of cause and effect. The course has strong vocational recommendations for persons interested in studying further biology, medicine, pharmacy, dentistry, nursing, home economics, engineering or law agriculture, plastics, and other technologies. | <b>School:</b> Davis, Eisenhower          |
| <b>SCC351, SCC352</b>                            | <b>HONORS CHEMISTRY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Lab Science<br><b>Prerequisite:</b> Min. C in Algebra 1., C in SCB212 or SCB252.<br>This course features a year-long curriculum. The general chemistry curriculum is followed but in greater depth.   | <b>School:</b> Davis, Eisenhower          |
| <b>SCC374, SCC375</b>                            | <b>IB CHEMISTRY HL 1A, 1B</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Lab Science<br><b>Prerequisite:</b> In IB program<br>The course is designed to meet the curriculum of the International Baccalaureate Program. The course is structured to qualify students to take the higher-level test.  | <b>School:</b> Davis                      |
| <b>SCC400</b><br><b>College Credit Available</b> | <b>COLLEGE IN THE HIGH SCHOOL – CHEMISTRY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Lab Science<br><b>Prerequisite:</b> Algebra 1, and 2. University math 96 or equivalent.<br>This course is an introduction to general chemistry with an emphasis on developing problem solving skills. It covers basic concepts of chemistry, along with the mathematics required for quantitative problem solving. It includes matter and measurement, properties, atomic theory, atomic structure, periodicity, chemical bonding, chemical reactions, solutions and mole concept and stoichiometry, gas laws acids/bases, and nuclear radiation.                                 | <b>School:</b> Eisenhower                 |

# SCIENCE

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**SCC464, SCC465**

## **AP CHEMISTRY**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** Lab Science

**Prerequisite:** B in SCC352 & MAT322

This is a college level chemistry course (Freshman Chemistry). College credit may be earned by successfully completing the advanced placement exam.

**SCC474, SCC475**

## **IB CHEMISTRY HL 2A, 2B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Lab Science

**Prerequisite:** SCC375

The course is designed to meet the curriculum of the International Baccalaureate Program. The course is structured to qualify students to take the higher-level test.

**SCI111, SCI112**

## **INTEGRATED SCIENCE 1**

**1 Year, 0.50 credit per semester**

**School:** Stanton

**Requirement Met:** Science

**Prerequisite:** None

This course will introduce you to the core concepts in science as inquiry, the physical sciences, the life sciences, and the earth & space sciences. It engages you in integration across the disciplines in ways that are relevant to your life.

**SCI211, SCI212**

## **INTEGRATED SCIENCE 2**

**1 Year, 0.50 credit per semester**

**School:** Stanton

**Requirement Met:** Science

**Prerequisite:** SCI112

This course will introduce you to the core concepts in science as inquiry, the physical sciences, the life sciences, and the earth & space sciences. It engages you in integration across the disciplines in ways that are relevant to your life.

**SCP377, SCP378**

## **IB PHYSICS SL**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** In IB program. Pass Algebra 1

This course is designed to meet the standards of the International Baccalaureate Program's subsidiary level test.

**SCP421, SCP422**

## **PHYSICS**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** None

Physics is a laboratory, problem-solving course. The aim of physics is to measure, describe, and correlate phenomena in the widely diverse fields of mechanics, heat, sound, light and optics, and electricity and magnetism. The course is generally quantitative in nature and requires the use of considerable mathematics. It has strong vocational recommendations for persons interested in studying further in any area of science or technology.

**SCP501, SCP502**

## **AP PHYSICS 1**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** Science

**Prerequisite:** AP Physics B, MAT322 or currently enrolled. B in SCC312 or SCC352

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power mechanical waves and sounds; and introductory, simple circuits.

**SCP521, SCP522**

## **AP PHYSICS 2**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** Science

**Prerequisite:** AP Physics B, MAT322 or currently enrolled. B in SCC312 or SCC352

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics, and quantum, atomic, and nuclear physics.

# SCIENCE

|   |   |   |
|---|---|---|
| <b>SCS211</b>   | <b>GEOLOGY (EARTH SCIENCE)</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> 1.0 Cr. Science Elective<br><b>Prerequisite:</b> None<br>This Geology course provides an in-depth study of the forces that formed and continue to affect the earth's surface. Earthquakes, volcanoes, and erosion are example of topics presented.  | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>SCS213, SCS214</b>                                 | <b>EARTH &amp; SPACE SCIENCE</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> 1.0 Cr. Science Elective<br><b>Prerequisite:</b> None<br>Earth and Space Science courses introduce students to the study of the earth from a local and global perspective. In these courses, students typically learn about time zones, latitude and longitude, atmosphere, weather, climate, matter, and energy transfer. Advanced topics often include the study of the use of remote sensing, computer visualization, and computer modeling to enable earth scientists to understand earth as a complex and changing planet.   | <b>School:</b> Davis                      |
| <b>SCS302, SCS303<br/>SCS409, SCS410</b>              | <b>IB ANTHROPOLOGY HL</b><br>2 Years, 0.50 credit per semester<br><b>Requirement Met:</b> Science<br><b>Prerequisite:</b> None<br>Social & Cultural Anthropology as a discipline seeks to answer the fundamental question of what it means to be human, specifically within the cultural lens. In essence, why do people do the things they do? In the two-year IB course students will look at the anthropological discipline in terms of both research theory and methodology. We will look at case studies, examining how anthropologists do what they do, and the ethics behind their work. From a theoretical standpoint, we will explore how we know what we know about human groups - and if anything is universally applicable (essentially what makes us similar & different). | <b>School:</b> Davis                      |
| <b>SCS304, SCS305</b>                                 | <b>GENERAL ZOOLOGY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> 1.0 Science Elective<br><b>Prerequisite:</b> None<br>Zoology is a year-long biology elective course and is an introduction to both invertebrate and vertebrate animals. This course will survey the nine major groups of animals, their evolutionary relationships and history, anatomy and physiology, classification and diversity. An emphasis will be placed on unifying characteristics of all animals while highlighting distinctions that make groups of animals unique. A broad spectrum of animals will be studied, from relatively simple sponges to the complex evolutionary history of humans.  | <b>School:</b> Davis                      |
| <b>SCS351, SCS352</b>                                 | <b>IB SPORTS, EXERCISE, &amp; HEALTH SCIENCES SL</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> 1.0 Science Elective<br>Sports, exercise and health science (SEHS) is an experimental science that combines academic study with the acquisition of practical and investigative skills. This course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition, which are studied in the context of sports, exercise and health.   | <b>School:</b> Davis                      |
| <b>SCS401, SCS402</b>                                 | <b>ANATOMY &amp; PHYSIOLOGY</b><br>1 Semester, 0.50 credit<br><b>Requirement Met:</b> Elective<br><b>Prerequisite:</b> Grade 11 or 12<br>This course is to prepare students for college level anatomy and physiology classes. The curriculum surveys several human anatomy and physiology systems. The laboratory focus is dissection-reinforcing classroom content.  | <b>School:</b> Eisenhower                 |
| <b>SCS420, SCS421</b><br><i>AG Graduation Pathway</i> | <b>AP ENVIRONMENTAL SCIENCE</b><br>1 Year, 0.50 credits per semester<br><b>Requirement Met:</b> 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective<br><b>Prerequisite:</b> Biology<br><ul style="list-style-type: none"><li>❖ Investigate the dynamics of natural resources on range lands, ponds, woodlands, and controlled environments</li><li>❖ Save the planet through dynamic projects including animal, land, and resource protection</li><li>❖ Conduct field studies, experiments, and research projects with environmental professionals</li></ul> <b>Career Focus:</b> Prepared for immediate employment, advanced certifications, and further education<br><b>Extras:</b> Lab Science credit, certifications/college credit, national competitions              | <b>School:</b> Eisenhower                 |

# SCIENCE

## SMS101, SMS102

STEM Graduation Pathway

### MATERIALS SCIENCE

1 Year, 0.50 credits per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Transform everyday raw materials into amazing compounds
- ❖ Develop innovative materials used in the healthcare, pharmaceutical, agriculture, textile, and engineering fields
- ❖ Integrate 3D printing, metallurgy, alloys, polymers, chemical bonds, and composites to solve engineering challenges

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Lab Science credit, national competitions, scholarships

## TEA101, TEA102

College Credit Available

Health Science Graduation Pathway

### PRINCIPLES OF BIOMEDICAL SCIENCES

1 Year, 1 credit

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Solve medical mysteries by designing and performing advanced laboratory experiments
- ❖ Experience hands-on activities in forensic science, anatomy, cell biology, disease research, and genetic engineering
- ❖ Perform DNA fingerprinting, explore bioinformatics, and debate medical ethics

**Career Focus:** Prepared for certifications and further education

**Extras:** Lab Science credit, college credit/national competitions, project-based experiences

## TEA201, TEA202

College Credit Available

STEM Graduation Pathway

### HUMAN BODY SYSTEMS

1 Year, 1 credit

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, Science

**Prerequisite:** TEA101, TEA102

- ❖ Solve real world medical cases using forensic anthropology and advanced DNA analysis
- ❖ Deep dive into the anatomical structures of the human body through professional laboratory experiments
- ❖ Use data acquisition software to monitor body functions such as muscle movement, voluntary action, and respiration

**Career Focus:** Prepared for advanced certifications and further education

**Extras:** Lab Science credit, college credit/national competitions, project-based experiences

## TEA301, TEA302

## TEA401, TEA402

College Credit Available

Health Science Graduation Pathway

### SPORTS MEDICINE

2 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Science Elective

**Prerequisite:** None

- ❖ Use sports-specific training, injury recognition, and physical therapy to prepare and rehabilitate the physically active
- ❖ Work with certified athletic trainers as well as fitness and healthcare professionals to assist with injury prevention and recovery
- ❖ Coach and motivate clients, athletes, and patients using the same advanced exercise equipment and techniques as fitness and wellness centers nationwide

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Science elective credit, national competitions, college credit/scholarships

## TEA309, TEA310

STEM Graduation Pathway

### MEDICAL INTERVENTIONS

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science

**Prerequisite:** TEA101, TEA201. Grades 11-12

- ❖ Treat a wide range of patient conditions through a deep understanding of the human body
- ❖ Perform detailed medical and trauma patient assessments using advanced medical diagnostic equipment
- ❖ Investigate the prevention, diagnosis, and treatment of disease

**Career Focus:** Prepared for advanced certifications and further education

**Extras:** Lab Science credit, national competitions, project-based experiences

# SCIENCE

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## TET104, TET105

STEM Graduation Pathway

## ROBOTICS FOUNDATIONS

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Invent, design, build, and program humanoid, industrial, and competitive robots that solve a wide range of problems
- ❖ Apply emerging technologies in agriculture, public safety, marketing, engineering, and surveying
- ❖ Build, program, and operate advanced robotic vehicles to perform specific missions

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Lab Science credit, national competitions, scholarships

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### SCIENCE CREDIT OFFERED AT YV-TECH – TURN TO YV-TECH SECTION FOR COURSE DESCRIPTIONS

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## SKD311, SKD411

College Credit Available

## DENTAL ASSISTING

1 Year, 1.50 credits per semester

School: YV-Tech

## SKE311

College Credit Available

## COMPUTER TECHNICIAN

1 Year, 1.50 credits per semester

School: YV-Tech

## SKF321, SKF421

## CULINARY ARTS

2 year, 1.50 credits per semester

School: YV-Tech

## SKM311, SKM312

College Credit Available

## NURSING

1 Year, 1.50 credits per semester

School: YV-Tech

## SKM200, SKM300

College Credit Available

## PHYSICAL THERAPY TECHNICIAN

2 year, 1.50 credits per semester

School: YV-Tech

## SKM600

College Credit Available

## PRE-MEDICAL ASSISTANT

1 Year, 1.50 credits per semester

School: YV-Tech

## SKU311, SKU411

College Credit Available

## AUTOMOTIVE TECHNOLOGY

2 year, 1.50 credits per semester

School: YV-Tech

# SOCIAL STUDIES

| GRADE 9  | GRADE 10  | GRADE 11  | GRADE 12   |
|--|---|---|--|
| <ul style="list-style-type: none"> <li>HONORS STATE HISTORY (<i>If not previously passed</i>)</li> <li>HONORS WORLD HISTORY</li> <li>HONORS WORLD GEOGRAPHY</li> </ul> | <ul style="list-style-type: none"> <li>IB US GOVERNMENT</li> <li>WORLD HISTORY</li> <li>HONORS WORLD HISTORY</li> <li>AP WORLD HISTORY</li> </ul> | <ul style="list-style-type: none"> <li>US HISTORY</li> <li>AP US HISTORY</li> <li>IB HISTORY OF THE AMERICAS</li> </ul> | <ul style="list-style-type: none"> <li>ECONOMICS</li> <li>IB THEORY OF KNOWLEDGE</li> <li>IB HISTORY OF THE AMERICAS HL A, B</li> <li>ECONOMICS 100</li> <li>CIVICS</li> </ul> |

## SOCIAL STUDIES ELECTIVES

- PSYCHOLOGY
- IB PSYCHOLOGY
- AP PSYCHOLOGY

### SSR154

#### HONORS WORLD GEOGRAPHY

1 Semester, 0.50 credit

School: Davis, Eisenhower

**Requirement Met:** Social Studies

**Prerequisite:** Teacher recommendation.

Human geography is the spatial analysis of human populations, their cultures, their activities and behaviors, and their relationship with, and impact on, the physical landscapes they occupy. Human Geography is presented through five major themes: Place, Region, Scale, Space, and Diffusion. Unit topics that will be covered include: Populations, Migration, Political Geography, and Resource Issues. Students will use the tools of the historian and geographer as sources, data, and analytical reading and writing take center stage in the classroom.

### SSR155

#### PRE-AP WORLD GEOGRAPHY

1 Semester, 0.50 credit

School: Eisenhower

**Requirement Met:** Social Studies

This course features a year-long curriculum that integrates World Geography with Modern World History (approximately 1200 BCE to present). Students in this course will be expected to learn Geography and History at a deeper level than the standard course. Pre AP principles and methodology will be used to enhance students' opportunities for success. Additional resources from the College Board Advanced Placement Program will be available as well.

### SSR251, SSR252

#### HONORS WORLD HISTORY 1

1 Semester, 0.50 credit

School: Davis, Eisenhower

**Requirement Met:** Social Studies

**Prerequisite:** B in SSR 114, or C in SSR154

This course is an in-depth examination of ancient and classical civilizations. Primary sources will be drawn upon to study the geographical, social, political, and religious developments of early man. The class is an activity-oriented course, but will also provide experience in historical analysis framing an inquiry, selecting relevant and trustworthy sources, and organizing evidence in support of a hypothesis.

### SSR211

#### WORLD HISTORY

### SSR212 (*Davis only*)

1 Semester, 0.50 credit

School: Davis, Eisenhower, Stanton

**Requirement Met:** Social Studies

**Prerequisite:** Grade 10

This course is a study of the forces, which have shaped the Western World since approximately 1450. Course emphasis is on the political, economic, social, religious, and scientific ideas that have changed people's thoughts about themselves, their institutions, and their world. Major events may include the Age of Exploration, Scientific Revolution, Enlightenment, Revolutions (democratic and communist), Colonization, Industrial Revolution, Imperialism, WWI, WWII, the Cold War, and Independence movements. Geography, reading, writing and critical thinking, and analysis of primary and secondary sources will be emphasized in this course.

### SSR252

#### HONORS WORLD HISTORY 2

1 Semester, 0.50 credit

School: Davis

**Requirement Met:** Social Studies

**Prerequisite:** SSR251

This course provides an in-depth examination of the Age of Imperialism to the present. Developing skills in reading, writing, critical thinking, and analyzing primary and secondary sources will be emphasized in this course. Students will gain experience in historical analysis, framing and inquiry, selecting relevant and trustworthy sources, and organizing evidence in support of a thesis.

# SOCIAL STUDIES

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SSR256

## HONORS CIVICS

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** History

**Prerequisite:** Teacher recommendation.

This course offers students an opportunity for a challenging, in-depth examination of American government through studying the establishment and early challenges of the United States government as well as current federal, state, tribal, and local political issues. Students will analyze the rights and responsibilities of citizens addressed in the Washington state and United States Constitutions. Voting and civic actions, the important living in a free society, and the basic values and character traits specified in [RCW 28A.150.211](#) will also be emphasized. Students will study for and complete the federally administrated naturalized test. This course leads into International Baccalaureate History 11 and is offered in the spring primarily for honors sophomores.

SSR261, SSR262

## AP WORLD HISTORY

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** Social Studies

**Prerequisite:** C in SSR154

This course will use the approach of analyzing global events and interactions from the foundations of history to present day.

SSR311, SSR312

## U.S. HISTORY 1, 2

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** U.S. History

**Prerequisite:** Grade 11.

This course is a survey of American Civics and History from the Civil War era to the present with a focus on the emergence and development of America as a global power. The course begins with a review of the political foundations of our country, the Constitution, and the structure of our government. It then jumps to the Reconstruction Period of the late 1800s and continues forward to the present as students explore themes such as liberalism vs conservatism, reform movements, war, immigration, and foreign policy. ***Special emphasis is placed on the political, social, and economic forces that have shaped America and its citizens.*** Developing skills in reading, writing, critical thinking, and analyzing primary and secondary sources will be emphasized in this course.

SSR361, SSR362

## AP U.S. HISTORY

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** US History

**Prerequisite:** Grade 11, C in SSR251

This class will be fast-paced with intensive focus on both analytical and critical thinking skills through the study of political institutions, social and cultural developments, diplomacy, and economic trends in U.S. History. Students who have earned a 'B' or better, in this college-level course, at the time of the official AP testing will be eligible to test for the possibility of college credit. However, all students who are serious about this course will gain valuable knowledge and abilities.

SSR372

## IB HISTORY OF THE AMERICAS HL 1A, 1B

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** US History

**Prerequisite:** Grade 11

This course offers students an opportunity for a challenging, in-depth examination of cultural development in the Americas from colonial era to contemporary times. Developing skills in reading, writing, critical thinking, and analyzing primary and secondary sources will be emphasized in this course. Students who successfully complete this course will be encouraged to take the IB History of the Americas examination. Successful performance may enable student to enter college with advanced credit.

SSR413

## ECONOMICS

1 Semester, 0.50 credit

School: Davis, Eisenhower

**Requirement Met:** Social Studies

**Prerequisite:** Grade 12

This course is an introduction to the principles of Economics with a focus on issues at a personal, local, national, and global level. Major topics may include the role of government in the economy, economic systems, specialization and trade, markets and pricing, competition and market structure, economic indicators, and economic fluctuations. Emphasis is placed on application, economic decision-making, and personal finance.

# SOCIAL STUDIES

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**SSR415**

## **CIVICS**

**1 Semester, 0.50 credit**

**School:** Davis, Eisenhower, Stanton

**Requirement Met:** Social Studies

**Prerequisite:** Grade 12

Civics courses examine the general structure and functions of the three levels of government as well as compare the American government system to those of other countries. Civics focuses on the roles and responsibilities of citizens to participate in the political process, focusing on the relationship of the individual to the law and legal system, and individual rights. Students will take the Naturalization Test, register to vote, examine contemporary electoral and public policy issues at each level of government, and participate in debate and discussion. Students will address local public policy challenges by working with practitioners in the community.

**SSR471, SSR472**

## **IB HISTORY OF THE AMERICAS HL 2A, 2B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Social Studies

**Prerequisite:** Grade 12

This course offers students an opportunity for a challenging, in-depth examination of 20th century world history, culture, and geography. Developing skills in reading, writing, critical thinking, and analyzing primary and secondary sources will be emphasized in this course. Students who complete this course will be encouraged to take the IB History of the Americas examination. Successful performance may enable student to enter college with advanced credit.

**SSR475, SSR476**

## **IB HISTORY OF THE AMERICAS SL A, B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Social Studies

**Prerequisite:** Grade 12

This course offers students an opportunity for a challenging, in-depth examination of cultural development in the Americas from colonial era to contemporary times. Developing skills in reading, writing, critical thinking, and analyzing primary and secondary sources will be emphasized in this course. Students who successfully complete this course may be encouraged to continue into IB History of the Americas HL 2A and 2B, and take the IB History of the Americas examination. Successful performance on the examination may enable students to enter college with advanced credit. The difference between SL and HL history is that the SL course is intended for students who have not taken or who struggled in honors level history courses. Additional support will be provided in the SL course to help students succeed in IB History.

**SSS351, SSS352**

## **IB PSYCHOLOGY SL**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** None

Psychology is the rigorous and systematic study of mental processes and behavior. It is a complex subject, which draws on concepts, methods and understandings from a number of different disciplines. There is no single approach that would describe or explain mental processes and behaviors on its own as human beings are complex animals, with highly developed frontal lobes, cognitive abilities, involved social structures and cultures.

**SSS374, SSS375**

## **IB THEORY OF KNOWLEDGE**

**SSS474, SSS475**

**1 Semester, 0.50 credit**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** Only for full IB diploma candidates

The Theory of Knowledge (TOK) program is central to the educational philosophy of the International Baccalaureate. It challenges students and their teachers to reflect critically on diverse ways of knowing and areas of knowledge, and to consider the role which knowledge plays in a global society. It encourages students to become aware of themselves as thinkers, to become aware of the complexity of knowledge, and to recognize the need to act responsibly in an increasingly interconnected world.

**SSS421, SSS422**

## **PSYCHOLOGY**

**1 Semester, 0.50 credit**

**School:** Eisenhower

**Requirement Met:** Elective

**Prerequisite:** None

This course addresses the basic concepts and components that make up the social science of Psychology. This includes units on sensation and perception, the brain, nervous system and behavior, personality, abnormal behavior, stress and health, consciousness and sleep, and memory and thinking. All areas focus on how the concepts interact with each other and how the student may apply those same concepts in their own lives. Classroom interaction, demonstrations, student presentations, and journal writing are also part of the class.

# SOCIAL STUDIES

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**SSR463, SSR464**

## **AP UNITED STATES GOVERNMENT & POLITICS**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** Social Studies

**Prerequisite:** US History, or AP US History.

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. The possibility of college credit is available depending on how well the student performs on the Advanced Placement exam.

**SSS462**

**Dual Credit**

## **AP PSYCHOLOGY**

**1 Year, 0.50 credit**

**School:** Eisenhower

**Requirement Met:** Elective

**Prerequisite:** Grades 11-12.

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. Student can receive college credit through Eastern Washington University in the High School and/or through scoring appropriately on the Advanced Placement exam.



## Occupational/Career and Technical Education (CTE)

### Find out what Career and Technical Education (CTE) can do for you.

**1. Expands your educational options!**

Career and Technical courses add a new dimension to learning. A CTE course relates academic subjects to the “real world” and show how reading and math are important in everyday situations.

**2. Provides three educational opportunities in college prep, tech prep, and job preparation.**

Most Career and Technical programs include academic subjects needed to meet the entrance requirements of four-year colleges and universities. They include technical subjects that meet entry-level job requirements of employers in fields related to the program.

**3. Offers you a job-prep path.**

Fifty percent of all those who begin a four-year college program never complete it, with 25% leaving or flunking out during their first year. CTE is insurance for success! CTE provides the knowledge and skills to continue your education or to find a job. “Workforce” indicates 70% of jobs require some technical skills to perform the needed work.

**4. Challenges you academically and mentally.**

Career and Technical courses and programs challenge students to apply theoretical knowledge –learned in academic and technical classrooms – to practical problems in technical laboratories and shops. CTE teaches basic lifetime skills.

**5. Helps you pay for college!**

The skills acquired in CTE programs concentrate on a particular field to help you get a better, higher-paying job. Work full-time and earn more money quicker to pay for college. Or, work part-time to earn more money while attending college.

**6. Broadens your lifelong work and study options.**

Go to work or go to college or do both. Choose a suitable career, regardless of stereotypes. CTE programs prepare you for high-paying careers in fields that used to be closed to them such as technology and trades for women and office and health occupations for men.

**7. Helps you acquire lifelong skills and habits to apply to any career. Self-confidence. Self-awareness. Good work habits. Practical problem solving. Punctuality. Reliability. Teamwork.**

Career and Technical Education programs instill the desire to learn, a sense of accomplishment, and that breeds the self-assurance needed to achieve your own goals.

# OCCUPATIONAL/CTE

## Agriculture

### AGG200, AGG201

College Credit Available

AG Graduation Pathway

### GREENHOUSE OPERATIONS

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, Tech Prep, 1.0 Cr. Elective

**Prerequisite:** Biology or Plant Science with grade of C or better. Grades 10-12

- ❖ Work with experts in the field of agriculture and take a leadership role by participating in exciting FFA activities
- ❖ Manage controlled environments to create optimal growth, nutrition, and integrated pest management plans
- ❖ Use advanced technology and equipment to grow and maintain sustainable flowers, plants, and farm-to-table produce

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Lab Science credit, certifications/scholarships, work-based experiences

### AGP200, AGP201

College Credit Available

AG Graduation Pathway

### PLANT SCIENCE

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, Tech Prep, 1.0 Cr. Elective

**Prerequisite:** Grades 10-12

- ❖ Maximize your understanding of plant life and apply your knowledge in the expanding agriculture industry
- ❖ Discover the foundations of botany, plant ecology, plant pathology, genetics, and cell biology
- ❖ Use micropropagation, hydroponics, and advanced technology to understand drought, pest resistance, and plant cloning to make plants thrive

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Lab Science credit, certifications/scholarships, college credit

### AGS101, AGS102

Dual Credit

AG Graduation Pathway

### AGRICULTURE & NATURAL RESOURCE SCIENCE (INTRO)

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Save the planet through dynamic experiences and projects focused on green, sustainable, and renewable resources
- ❖ Explore fish and wildlife management, agriculture, horticulture, soil conservation, and the key aspects of our food supply chain
- ❖ Step into leadership by participating in exciting FFA activities and competitions

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Lab Science credit, college credit, project-based experiences

### SCS420, SCS421

AG Graduation Pathway

### AP ENVIRONMENTAL SCIENCE

1 Year, 0.50 credits per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** Biology

- ❖ Investigate the dynamics of natural resources on range lands, ponds, woodlands, and controlled environments
- ❖ Save the planet through dynamic projects including animal, land, and resource protection
- ❖ Conduct field studies, experiments, and research projects with environmental professionals

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Lab Science credit, certifications/college credit, national competitions

# OCCUPATIONAL/CTE

## Business & Marketing

The basic goals of the Business Education Department are to educate students about business; to give all students opportunities to acquire skills and attitudes needed to function effectively in their eventual careers; to help students understand career possibilities; and to help students take on roles as citizens, workers, and consumers.

Another departmental goal is to help make the business education department an integral part of a balanced program of study in our comprehensive high school.

For the students who pursue a program of study in the department:

- ✓ The department will provide a total curriculum that will equip the students to handle the technical tasks needed in today's work force.
- ✓ The curriculum will provide an opportunity for students to develop positive attitudes toward work and safe work procedures, a willingness to learn a new skill, techniques on how to find employment, the importance of taking pride in their work, and a general understanding of the economic system.

### **BUM301, BUM302**    **MARKETING (INTRO)**

**College Credit Available**  
*Marketing Graduation Pathway*

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Occupational/CTE

**Prerequisite:** Grades 10-12

- ❖ Build your own business as part of the next generation of entrepreneurs and global business leaders
- ❖ Discover what it takes to be the boss, grow a thriving enterprise, and provide unique customer experiences
- ❖ Design and implement powerful marketing, advertising, and management plans by operating several student-run companies in competitive business settings

**Career Focus:** Prepared for immediate employment and further education

**Extras:** College credit, project-based experiences, national competitions

### **BUM311**

*Marketing Graduation Pathway*

### **STUDENT STORE & RETAIL OPERATIONS**

**1 Semester, 0.50 credit**

**School:** Davis, Eisenhower, Stanton

**Requirement Met:** Occupational/CTE

**Prerequisite:** A BUM class

- ❖ Embrace your entrepreneurial spirit by operating a thriving school-based enterprise serving the retail needs of students
- ❖ Team with fellow students in a fast-paced, student-run retail business while developing confidence and employability skills
- ❖ Develop and present creative marketing solutions and campaigns

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Work-based experiences, certifications/scholarships, national competitions

### **BUM320, BUM321**    **SOCIAL MEDIA & MARKETING**

*Marketing Graduation Pathway*

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Create vibrant marketing campaigns, presentations, events, websites, and social media content
- ❖ Design and implement powerful social media marketing and promotional plans
- ❖ Master a wide range of social media strategies to market real-world business opportunities

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Project-based experiences, national competitions, scholarships

### **BUM332, BUM333**    **ART PRODUCTION TECHNOLOGY**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, or 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Express your unique vision to develop, market, and sell your vibrant artistic creations
- ❖ Utilize advanced techniques in 2D and 3D art using traditional, recycled, and repurposed materials
- ❖ Showcase your abilities alongside other creative individuals while building a professional portfolio

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine art credit, project-based experiences, national competitions

## BUM401, BUM402

Marketing Grad Pathway

### MARKETING MANAGEMENT

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

Requirement Met: Occupational/CTE

Prerequisite: BUM302

- ❖ Develop an entrepreneurial spirit by operating simulated businesses in competitive settings
- ❖ Create, present, and market unique materials for advertising, sales, and public relations campaigns
- ❖ Use professional software and techniques to create impactful business documents, presentations, and websites

**Career Focus:** Prepared for immediate employment and further education

**Extras:** College credit/scholarships, national competitions, project-based experiences

## BUS121

### CAREER CHOICES

1 Semester, 0.50 credit

School: Davis, Eisenhower, Stanton

Requirement Met: Occupational/CTE

Prerequisite: None

- ❖ Develop a career plan based upon your unique interests, talents, and goals
- ❖ Explore a wide range of career opportunities while building valuable community connections and professional skills
- ❖ Experience opportunities that will maximize employability, problem-solving, and success

**Career Focus:** Prepared for further education

**Extras:** College credit/scholarships, work-based experiences, national competitions

## BUS202, BUS203

### COMPUTER SCIENCE (INTRO)

1 Semester, 0.50 credit

School: Davis, Eisenhower

Requirement Met: Occupational/CTE

Prerequisite: None

- ❖ Write the code that powers the real world including interactive video games, websites, apps, and programs
- ❖ Use advanced software to control and manipulate physical computing devices
- ❖ Analyze the extreme impact of computing and online ethical behavior

**Career Focus:** Prepared for advanced certifications and further education

**Extras:** Certifications, college credit/scholarships, national competitions

## BUS211, BUS212

## BUS311, BUS312

College Credit Available

Business Grad Pathway

### MICROSOFT ACADEMY: WORD, EXCEL, POWERPOINT, ACCESS

1 Semester, 0.50 credit

School: Davis, Eisenhower, Stanton

Requirement Met: Occupational/CTE

Prerequisite: BUS100

- ❖ Develop a competitive advantage by earning the latest industry-recognized Microsoft® certifications
- ❖ Become a pro in the business world's standard software applications to complete projects quickly and efficiently
- ❖ Employ a variety of innovative digital tools, applications, and data management systems to solve business challenges

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Certifications, college credit/scholarships, national competitions

## BUS302, BUS303

College Credit Available

Business Grad Pathway

### WEBPAGE DESIGN

1 Semester, 0.50 credit

School: Davis, Eisenhower

Requirement Met: Occupational/CTE, Fine Arts, Math

Prerequisite: BUS100

- ❖ Express your creativity and unlock the solutions to complex problems through the universal language of computers
- ❖ Interpret client needs to design creative, eye-catching, and responsive websites and mobile applications
- ❖ Maximize search engine optimization by developing clean, modern, and intuitive websites

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art credit, college credit/scholarships, national competitions

## BUS314, BUS315

Business Grad Pathway

### ACCOUNTING

1 Semester, 0.50 credit

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective, .5 Cr. 3<sup>rd</sup> Yr. Math

**Prerequisite:** Grades 11-12. BUS314

- ❖ Experience powerful business applications and simulations while applying key strategies in both personal and corporate situations
- ❖ Work individually and in a professional team environment while meeting the ongoing financial needs of a company
- ❖ Prepare employee payroll, tax returns, and fiscal reports using the same advanced software as professionals

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, certifications/college credit, national competitions

## BUS317, BUS318

## BUS417, BUS418

College Credit Available

Business Grad Pathway

### BUSINESS COMMUNICATIONS

2 Years, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** Occupational/CTE, 1.0 Cr. Elective, English 11, or English 12

(BUS417, BUS418 not offered at Davis)

**Prerequisite:** None

- ❖ Thrive in an office environment using advanced communication strategies to engage audiences
- ❖ Create and deliver dynamic presentations which will be showcased in a professional portfolio
- ❖ Advance your career options with organizational skills, resume building, and public speaking

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** English credit, certifications, national competitions

## BUS332, BUS333

STEM Graduation Pathway

### COMPUTER SCIENCE PRINCIPLES

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Science Elective

**Prerequisite:** Intro to Computer Science

- ❖ Investigate the global impact of computers and the need for cybersecurity and threat assessment
- ❖ Develop creative and unique software solutions using the universal language of computers
- ❖ Challenge yourself to explore how technology and computing serves as the critical foundation for our modern economy

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Science elective or 3<sup>rd</sup> Year Math credit, certifications/scholarships, national competitions

## BUS334, BUS335

Business Grad Pathway

### FINANCIAL INDEPENDENCE

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Algebra, or 3<sup>rd</sup> Yr. Math, 1.0 Elective

**Prerequisite:** Grades 10-12

- ❖ Discover how to start planning and saving for the lifestyle you want to enjoy
- ❖ Get the inside scoop on how investments, loans, and banks work to secure financial freedom
- ❖ Make smart financial decisions to avoid the paycheck-to-paycheck cycle

**Career Focus:** Prepared for immediate employment and further education

**Extras:** 3<sup>rd</sup> Year Math or Algebra credit, work-based experiences, national competitions

## BUS361, BUS362

College Credit Available

STEM Graduation Pathway

### AP COMPUTER SCIENCE

1 Year, 0.50 credit per semester

School: Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Science Elective, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Elective

**Prerequisite:** Intro to Computer Science

- ❖ Challenge yourself to explore how technology and computing serves as the critical foundation for our modern economy
- ❖ Create problem solving programs utilizing Java and other advanced coding languages
- ❖ Design apps using programming concepts such as algorithms, conditionals, functions, and loops

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Science elective or 3<sup>rd</sup> year math or Algebra credit, certifications/scholarships, national competitions

**BUS371, BUS372**  
*Business Grad Pathway*

**IB BUSINESS MANAGEMENT**

1 Year, 0.50 credit per semester

**School:** Davis

**Requirement Met:** Occupational/CTE, Elective

**Prerequisite:** None

- ❖ Experience a wide range of dynamic business strategies for creating, communicating, and delivering products and services to customers
- ❖ Explore various types of business and financial tools, accounting applications, and strategies for sound financial management
- ❖ Deep dive into human resources and operations to identify, recruit, manage, and retain the most effective employees

**Career Focus:** Prepared for immediate employment and further education

**Extras:** IB Diploma course, scholarships, national competitions

# OCCUPATIONAL/CTE

## Family & Consumer Sciences

The Art Departments at both schools offer everyone the opportunity to explore visual creative experiences, which will develop and increase artistic ability and skills as well as an enjoyment of art. It will also help those students who will go into art as a vocation or avocation. The courses offered are all elective classes providing meaningful exercises and projects to students on both beginning and advanced levels.

**Career possibilities:** Commercial artist, sign painter, cartoonist, clothing designer, art therapist, art teacher.

### BUS326, BUS327 BUS426, BUS427

#### DIGITAL & PRINT JOURNALISM

2 Years, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** BUS326/327: 1.0 Cr. Eng. 11, BUS426/427: Eng. 12, Occupational/CTE, or Elective

**Prerequisite:** None

- ❖ Conduct interviews, research, write, and design publications for print and online media showcasing creativity
- ❖ Master investigative skills, responsible reporting, and journalistic writing techniques
- ❖ Examine the role of news media in our society

**Career Focus:** Prepared for immediate employment and further education

**Extras:** English elective credit, work-based experiences, scholarships

### BUS330

Visual Arts Grad Pathway

#### JOURNALISM

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** Occupational/CTE, Elective

**Prerequisite:** Accepted in the Unleashed program

- ❖ Investigate, uncover the truth, and capture current events to write compelling stories that inform the entire school community
- ❖ Showcase your artistic and creative talents to publish a high school newspaper
- ❖ Work with a production team to layout content and meet critical deadlines needed in journalistic environments

**Career Focus:** Prepared for immediate employment and further education

**Extras:** English elective credit, work-based experiences, scholarships

### FLA101, FLA102 FLA201, FLA202 FLA301, FLA302

ASL/INTPN Grad Pathway

#### AMERICAN SIGN LANGUAGE

3 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. World Language, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Experience the joy of communicating and connecting with those who are hearing impaired
- ❖ Use your hands, facial expression, mouth, and body language to express your thoughts, ask questions, and carry on a conversation
- ❖ Prepare for work in a variety of community and civic environments including education, health, legal, religious, and other settings

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** World language credit, certifications/scholarships, work-based experiences

### HCE101, HCE102

College Credit Available  
T&L Graduation Pathway

#### CAREERS IN EDUCATION

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** Occupational/CTE

**Prerequisite:** None

- ❖ Experience the rewards of shaping the intellectual, physical, social, and emotional development of students
- ❖ Develop relationships to motivate young people for academic success while teaching alongside professional educators
- ❖ Design dynamic classroom learning activities using modern technology and research-based practices

**Career Focus:** Prepared for immediate employment and further education

**Extras:** College credit, scholarships/national competitions, work-based experiences

## HFL101, HFL102

### PERSONAL CHOICES

1 Semester, 0.50 credit

School: Stanton, Yakima Online

Requirement Met: Occupational/CTE

Prerequisite: None

- ❖ Create a life plan that defines who you are, who you want to be, and where you want to go in your personal professional life
- ❖ Hone your work ethic and professional skills into positive habits that will move you toward a successful life
- ❖ Stay focused on your long-term goals and enjoy the rewards that come with persistence and motivation

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Work-based experiences, scholarships, national competitions

## HFL110, HFL111

### ADULTING & INDEPENDENT LIVING

1 Year, 0.50 credit per semester

School: Davis, Stanton

Requirement Met: Occupational/CTE

Prerequisite: Grade 10-12

- ❖ Prepare to live on your own and take responsibility for your life and happiness
- ❖ Create a budget and organize your finances so you're ready for anything
- ❖ Evaluate your current living situation and formulate a plan for where you want to live and how to make it happen

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Scholarships, work-based experiences, national competitions

## HFL116

### FAMILY HEALTH

1 Semester, 0.50 credit

School: Eisenhower, Stanton

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Health, 1.0 Elective

Prerequisite: None

- ❖ Prepare for a wide array of studies in nutrition, physical and emotional wellness including human sexuality
- ❖ Explore the stages of child development and how parents can support children on the road to a healthy, well-adjusted life
- ❖ Apply professional methods in psychological and developmental behavior within the family and society

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Health credit, certifications/scholarships, work-based experiences

## HFL128, HFL129

T&L Grad Pathway

### GRADS (TEEN PARENTING)

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

Requirement Met: Occupational/CTE

Prerequisite: In GRADS program

- ❖ Balance work, school, and childcare to make the most of your education, career, and family life
- ❖ Acquire tools to deal with the reality of being a parent
- ❖ Develop practical parenting and child development skills

**Career Focus:** Prepared for further education

**Extras:** Certifications, scholarships, work-based experiences

## HFL224, HFL225

### INTERIOR DESIGN

1 Semester, 0.50 credit

School: Davis

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

Prerequisite: None

- ❖ Integrate a wide range of design elements, furnishings, and building materials for residential and commercial spaces
- ❖ Design and select the materials for a new home and collaborate with professionals and clients to create a unique interior
- ❖ Develop an innovative professional portfolio complete with personal design artifacts

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine art credit, national competitions, work-based experiences

## HFL242, HFL243

College Credit Available  
T&L Grad Pathway

### CHILD DEVELOPMENT

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

Requirement Met: Occupational/CTE

Prerequisite: None

- ❖ Experience the joy of creating fun and amazing activities for children who are full of life and love learning
- ❖ Influence the future of children by shaping their intellectual, social, emotional, and physical development
- ❖ Create and provide lessons and activities that make learning exciting in an onsite child development lab

**Career Focus:** Prepared for state certification, immediate employment, advanced certifications, and further education

**Extras:** Certifications, college credit/scholarships, onsite apprenticeship

## HFL250, HFL251

Hospitality Grad Pathway  
(part of FACSE)

### FOOD SCIENCE

1 Year, 0.50 credit per semester

School: Davis

Requirement Met: 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

Prerequisite: None

- ❖ Craft amazing and fun foods using flames, knives, and creative chemistry
- ❖ Express creativity as part of a team that designs menus, prepares meals, organizes catered events, and develops unique dining experiences
- ❖ Partner with hospitality professionals to provide high-quality customer service, event planning, and catering support

**Career Focus:** Prepared for state licensure, immediate employment, advanced certifications, and further education

**Extras:** Lab Science credit, work-based experiences, national competitions

## HFL250, HFL251

Hospitality Grad Pathway  
(part of FACSE)

### FOOD SCIENCE A (YEAR 1)

1 Year, 0.50 credit per semester

School: Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

Prerequisite: None

Are you hungry? Students will apply science in the process of making food and beverages that you get to eat and drink! Learn basic food preparation & cooking skills, safety & sanitation knowledge, and nutrition when preparing as well as enjoying a variety of lab products. In this course, students will learn about the relationships between science, food and nutrition. Basic laws of science, microbiology and government legislation are applied to the food path from farm to table. The Washington State Food Handler's permit will be given allowing students to earn a required card that will allow them to obtain employment in the local food industry. Students will have the opportunities to earn certificates for passing the following Precision Exams for 21st Century Skills, Food & Nutrition, and Culinary Arts I, that may be placed in their digital portfolio and put on their resume. FCCLA is a Career and Technical Student Organization that will be used in this class that includes Power of One projects, Competitive Events and Skill Demonstration opportunities that allows students to earn recognition, be a part of an organization that focuses on personal growth, leadership, community service, and career exploration.

## HFL352, HFL353

Hospitality Grad Pathway  
(part of FACSE)

### FOOD SCIENCE B (YEAR 2)

1 Year, 0.50 credit per semester

School: Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, .5 Cr. Algebra I, 1.0 Cr. Lab Science, 1.0 Cr. Elective

Prerequisite: None

This is the continuation of the curriculum that was taught in the Food Science A; 1st year course. Are you still hungry? Students will continue to apply science in the process of making food and beverages that you get to eat and drink! Additional food preparation & cooking skills will be taught and implemented in a variety of labs. Examine current food issues and concerns that focus on the lifelong relationship to your health and well-being in exploring modification or changing of diet or eating lifestyles. Nutrition including dietetics and advanced education of becoming a registered dietician or earning a specialization in food and nutrition in post-secondary education will be explored. The opportunity to earn a ServSafe certification and a Red Cross First Aid and CPR card will be given during the 1st semester. Students will explore the hospitality industry with possible internships with local food businesses during 2nd semester. Students will have the opportunities to earn certificates for passing the following Precision Exams for 21st Century Skills, Culinary Arts II, and Nutrition & Wellness that may be placed in their digital portfolio and put on their resume. FCCLA is a Career and Technical Student Organization that will be used in this class that includes Power of One projects, Competitive Events and Skill Demonstration opportunities that allows students to earn recognition, be a part of an organization that focuses on personal growth, leadership, community service, and career exploration.

## Health Sciences & STEM (*Science, Technology, Engineering, and Math*)

### SCV310, SCV311

Health Science Graduation  
Pathway

#### HEALTH SCIENCE CAREERS (INTRO)

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective, .5 Cr. Health

**Prerequisite:** None

- ❖ Practice a wide range of health care processes, techniques, and diagnostic procedures in high-tech simulated and live clinical environments
- ❖ Work as a key member of the professional healthcare team to provide quality patient care in a variety of fast-paced settings
- ❖ Monitor heart rhythms, draw blood, and collect patient data using the latest medical techniques

**Career Focus:** Prepared for further education

**Extras:** Health credit, certifications/scholarships, national competitions

### SMS101, SMS102

### SMS201, SMS202

STEM Graduation Pathway

#### MATERIALS SCIENCE

1 Year, 0.50 credits per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Transform everyday raw materials into amazing compounds
- ❖ Develop innovative materials used in the healthcare, pharmaceutical, agriculture, textile, and engineering fields
- ❖ Integrate 3D printing, metallurgy, alloys, polymers, chemical bonds, and composites to solve engineering challenges

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Lab Science credit, national competitions, scholarships

### TEA101, TEA102

College Credit Available

Health Science Graduation  
Pathway

#### PRINCIPLES OF BIOMEDICAL SCIENCES

1 Year, 1 credit

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Solve medical mysteries by designing and performing advanced laboratory experiments
- ❖ Experience hands-on activities in forensic science, anatomy, cell biology, disease research, and genetic engineering
- ❖ Perform DNA fingerprinting, explore bioinformatics, and debate medical ethics

**Career Focus:** Prepared for certifications and further education

**Extras:** Lab Science credit, college credit/national competitions, project-based experiences

### TEA201, TEA202

College Credit Available

STEM Graduation Pathway

#### HUMAN BODY SYSTEMS

1 Year, 1 credit

School: Davis, Eisenhower

**Requirement Met:** Occupational/CTE, Science

**Prerequisite:** TEA101, TEA102

- ❖ Solve real world medical cases using forensic anthropology and advanced DNA analysis
- ❖ Deep dive into the anatomical structures of the human body through professional laboratory experiments
- ❖ Use data acquisition software to monitor body functions such as muscle movement, voluntary action, and respiration

**Career Focus:** Prepared for advanced certifications and further education

**Extras:** Lab Science credit, college credit/national competitions, project-based experiences

## TEA301, TEA302

## TEA401, TEA402

College Credit Available

Health Science Graduation Pathway

### SPORTS MEDICINE

2 Year, 0.50 credit per semester

School: Davis, Eisenhower

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Science Elective

Prerequisite: None

- ❖ Use sports-specific training, injury recognition, and physical therapy to prepare and rehabilitate the physically active
- ❖ Work with certified athletic trainers as well as fitness and healthcare professionals to assist with injury prevention and recovery
- ❖ Coach and motivate clients, athletes, and patients using the same advanced exercise equipment and techniques as fitness and wellness centers nationwide

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Science elective credit, national competitions, college credit/scholarships

## TEA309, TEA310

STEM Graduation Pathway

### MEDICAL INTERVENTIONS

1 Year, 0.50 credit per semester

School: Davis

Requirement Met: Occupational/CTE, Lab Science

Prerequisite: TEA101, TEA201. Grades 11-12

- ❖ Treat a wide range of patient conditions through a deep understanding of the human body
- ❖ Perform detailed medical and trauma patient assessments using advanced medical diagnostic equipment
- ❖ Investigate the prevention, diagnosis, and treatment of disease

**Career Focus:** Prepared for advanced certifications and further education

**Extras:** Lab Science credit, national competitions, project-based experiences

## TEF101, TEF102

Health Science Graduation Pathway

### PERSONAL FITNESS TECHNOLOGY

1 Year, 0.50 credit per semester

School: Stanton

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Fitness, 1.0 Cr. Elective

Prerequisite: None

- ❖ Use advanced exercise and fitness techniques to train your mind and body while preventing injury
- ❖ Strengthen your body, build physical resilience, and coach others on the journey to physical and mental wellbeing
- ❖ Find out what motivates you to pursue your health goals and achieve results to unlock your body's potential

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Physical Education credit, certifications/scholarships, national competitions

## TEM101, TEM102

## TEM103, TEM104

STEM Graduation Pathway

### ENGINEERING DESIGN STEM ACADEMY

1 Year, 4-quarters 0.25 credit per quarter

School: Davis

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective

Prerequisite: None

- ❖ Explore, experience, and create innovative projects in the diverse fields of engineering and manufacturing
- ❖ Learn the full scope of manufacturing through hands-on experiences in technical drawing, prototyping, laser cutting, 3d printing, robotic coding, robot construction, wood-shop safety and wood-working, and material science.

**Career Focus:** Prepared for further education

**Extras:** National competitions

# OCCUPATIONAL/CTE

## Skilled & Technical Sciences

### TEC111, TEC112

Visual Arts Grad Pathway

#### PHOTO & VIDEO (INTRO)

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, or 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Bring your creative vision to life using professional techniques, high-tech equipment, and a full range of editing tools
- ❖ Create and capture compelling images of people, events, fashion, products, and landscapes
- ❖ Work individually and in teams to create cinematic film, engaging documentary, and viral video

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

### TEC211, TEC212

College Credit Available

Visual Arts Grad Pathway

#### FILM PRODUCTION

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Tell amazing stories by producing innovative films and videos for real-world clients
- ❖ Work individually and in teams to create dynamic films, documentaries, music videos, sportscasts, and newscasts
- ❖ Develop, produce, and deliver unique video and audio projects for film, TV, and commercial broadcast

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, college credit/scholarships, national competitions

### TEC231, TEC232

### TEC331, TEC332

Visual Arts Grad Pathway

#### COMMERCIAL PHOTOGRAPHY

2 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, or 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Bring your creative vision to life using professional techniques, high-tech equipment, and a full range of editing tools
- ❖ Shoot commercial photography and video clips both on-site and in the studio for vibrant print and web media
- ❖ Capture dynamic images using professional cameras and a wide range of lenses and filters

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

### TED104, TED105

### TED204, TED205

College Credit Available

STEM Graduation Pathway

#### MECHANICAL DRAFTING

2 Years, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, .5 Cr. Geometry, or 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

**Prerequisite:** TED105

- ❖ Invent, design, and prototype high-tech precision parts and tools used worldwide in everyday products
- ❖ Work alongside industry experts to explore professional mechanical engineering firms
- ❖ Use the latest techniques in 3D and computer-aided design technologies

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, college credit/scholarships, national competitions

### TED211, TED212

College Credit Available

Architecture & Construction  
Graduation Pathway

#### ARCHITECTURAL DRAFTING

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Geometry or 3<sup>rd</sup> Yr. Math, 1.0 Fine Arts, 1.0 Elective

**Prerequisite:** TED105

- ❖ Envision and design your dream home by creating detailed floor plans and blueprints
- ❖ Visualize, design, and construct 3D models and generate full-color 3D computer-aided drawings
- ❖ Produce a professional portfolio of designs, plans, and architectural projects

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art or 3<sup>rd</sup> Year Math credit, college credit/scholarships, national competitions

## TEG100

Visual Arts Grad Pathway

### GRAPHIC & COMMERCIAL ART (INTRO)

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Communicate powerful messages by producing vibrant layouts, brochures, and digital imagery
- ❖ Showcase your unique artistic vision to design and produce dynamic promotional materials
- ❖ Produce a professional portfolio of designs, graphics, and advertising projects

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

## TEG104, TEG105

Visual Arts Grad Pathway

### YEARBOOK

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** Grades 11, 12

- ❖ Showcase your creative design expertise by putting together a dynamic high school yearbook
- ❖ Capture the memories that your classmates will carry with them the rest of their lives
- ❖ Work with a production team to layout content and meet critical timelines needed to publish our high school yearbook

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

## TEG204, TEG205

## TEG304, TEG305

Visual Arts Grad Pathway

### COMMERCIAL ART & ADVERTISING

2 Years, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Communicate powerful messages of value using digital imagery, illustrations, logos, and photography
- ❖ Engage your audiences by designing impactful print and digital advertising including packaging, posters, vehicle wraps, and dynamic visual media
- ❖ Use professional software and techniques to create vibrant business publications, presentations, website content, social media, and apps

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art credit, certifications/scholarships, national competitions

## TEG224, TEG225

Visual Arts Grad Pathway

### GRAPHIC DESIGN

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Showcase your artistic abilities alongside other innovative individuals while developing a professional portfolio
- ❖ Interpret client needs to design dynamic logos, custom apparel, and product packaging
- ❖ Produce creative designs, computer graphics, and digital imagery

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

## TEJ233, TEJ234

## TEJ333, TEJ334

Visual Arts Grad Pathway

### JEWELRY DESIGN

2 Years, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** Occupational/CTE, or Fine Arts

**Prerequisite:** None

- ❖ Discover your own unique style by crafting high-quality jewelry pieces that get noticed
- ❖ Innovate using a variety of stone settings and metal forming to produce rings, chains, and bracelets
- ❖ Engineer the shape, form, and texture of metal and other media using traditional, recycled, and repurposed materials

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

**TEM111, TEM112**      **FABRICATION TECHNOLOGY**  
**TEM330, TEM331**      **2 Years, 0.50 credit per semester**      **School:** Eisenhower, Stanton

*Architecture & Construction  
Graduation Pathway*



**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Elective  
**Prerequisite:** None

- ❖ Invent, design, and engineer precision parts and tools used worldwide in everyday products using cutting-edge manufacturing technologies
- ❖ Be a key part of a professional team to solve challenging problems using high-tech materials, machines, and techniques
- ❖ Design layout patterns, interpret blueprints, and adhere to engineering specifications

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education  
**Extras:** 3<sup>rd</sup> Year Math credit, college credit/scholarships, national competitions

**TEM211, TEM212**      **WELDING**  
**TEM311, TEM312**      **2 Years, 0.50 credit per semester**      **School:** Eisenhower

**College Credit Available**

*Architecture & Construction  
Graduation Pathway*

**Requirement Met:** 1.0 Cr. Occupational/CTE, .5 Cr. Geometry or 3<sup>rd</sup> Yr. Math, or 1.0 Cr. Elective  
**Prerequisite:** None

- ❖ Manipulate the power of fire and electricity to design and construct the metal products people use every day
- ❖ Use advanced welding techniques to join, cut, bend, and manipulate metal for industrial applications
- ❖ Operate the same advanced equipment used by professionals to troubleshoot and creatively solve industry challenges

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education  
**Extras:** 3<sup>rd</sup> Year Math credit, certifications/college credit, national competitions

**TEM242, TEM243**      **POWER SPORTS & SMALL ENGINE REPAIR**  
**TEM342, TEM343**      **1 Year, 0.50 credit per semester**      **School:** Eisenhower

**College Credit Available**

**Requirement Met:** Occupational/CTE  
**Prerequisite:** None

- ❖ Service, repair, and maintain air- and water-cooled engines and equipment used in the agricultural and outdoor powered industries
- ❖ Engage in a small business by working through aspects of troubleshooting, estimating, procuring parts, and delivering customer satisfaction
- ❖ Optimize vehicle operation and performance using critical thinking and problem solving

**Career Focus:** Prepared for immediate employment and further education  
**Extras:** Certifications/scholarships, work-based experiences, national competitions

**TES201, TES202**      **THEATRE DESIGN & STAGE TECHNOLOGY**  
**TES204, TES205**      **1 Year, 0.50 credit per semester**      **School:** Davis, Eisenhower

**TES301, TES302**  
*Visual Arts Grad Pathway*

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective  
**Prerequisite:** None

- ❖ Stretch your creativity and discover what it takes to bring a dynamic show to life
- ❖ Engineer and operate advanced lighting and sound to enhance a full-scale theatrical production
- ❖ Design, build, paint, decorate, and strike elaborate sets using commercial power tools

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education  
**Extras:** Fine Art credit, certifications/scholarships, work-based experiences

**TET104, TET105**      **ROBOTICS FOUNDATIONS**  
*STEM Graduation Pathway*      **1 Year, 0.50 credit per semester**      **School:** Davis, Eisenhower, Stanton

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective  
**Prerequisite:** None

- ❖ Invent, design, build, and program humanoid, industrial, and competitive robots that solve a wide range of problems
- ❖ Apply emerging technologies in agriculture, public safety, marketing, engineering, and surveying
- ❖ Build, program, and operate advanced robotic vehicles to perform specific missions

**Career Focus:** Prepared for immediate employment and further education  
**Extras:** Lab Science credit, national competitions, scholarships

## TET334, TET335

College Credit Available  
STEM Graduation Pathway

### ADVANCED ROBOTICS, ENGINEERING, & MANUFACTURING

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

**Prerequisite:** Intro to Robotics

- ❖ Engage your creative maker-mindset by linking computers and machines to produce innovative solutions
- ❖ Use advanced computer-controlled robotic technology to produce solutions for complex engineering challenges
- ❖ Visualize and construct 3D models and prototypes based on the needs of local clients and industry leaders

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, college credit/scholarships, certifications

## TEW101, TEW102

Architecture & Construction  
Graduation Pathway

### WOODWORKING

1 Years, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, .5 Cr. Geometry or 3<sup>rd</sup> Yr. Math, or 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Build custom furniture and products using a wide range of professional power tools and computerized equipment
- ❖ Work alongside industry professionals to finish projects using creative carving, joinery, staining, and painting techniques
- ❖ Interpret plans and specifications to construct custom products from raw materials

**Career Focus:** Prepared for immediate employment and further education

**Extras:** 3<sup>rd</sup> Year Math credit, national competitions, scholarships

## TEW210, TEW211

Architecture & Construction  
Graduation Pathway

### CARPENTRY (INTRO)

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, or 1.0 Cr. Elective

**Prerequisite:** TEW101, TEW102

- ❖ Work in all aspects of residential and commercial construction including foundations, framing, roofing, and interior finishing
- ❖ Contribute as part of a team to design and construct meaningful projects for the community
- ❖ Decode blueprints and specifications to construct wood products and structures from rough lumber to finish grade

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** 3<sup>rd</sup> Year Math credit, scholarships/national competitions, project-based experiences

## TGD101, TGD102

STEM Graduation Pathway

### VIDEO GAME DESIGN & ANIMATION

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** Occupational/CTE, Fine Arts, 3<sup>rd</sup> Yr. Math

**Prerequisite:** None

- ❖ Power the virtual world by programming animations, apps, and games using advanced game-engine software
- ❖ Express your creativity and unlock the solutions to complex videogame development challenges
- ❖ Work individually and in teams to develop creative and unique software solutions using the universal language of computers

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art or 3<sup>rd</sup> Year Math credit, scholarships, national competitions

# HEALTH & FITNESS

## PHILOSOPHY

Physical education (PE) is an integral part of the total education process.

To ensure the success of students, the process will:

- ✓ Provide sequential skill building.
- ✓ Encourage attainment of knowledge and skills to move toward optimum physical fitness.
- ✓ Contribute to self-awareness, self-discipline, and self-pride.
- ✓ Allow students to acquire and practice cooperation and sportsmanship.
- ✓ Inspire students to enjoy lifetime physical activities.

## GOALS

- Offer activities that increase strength, endurance, agility, flexibility, coordination, and balance.
- Provide information to students about the five basic concepts for total physical fitness.
- Present opportunities for successful accomplishments of physical activities.
- Instill attitudes of acceptable behavior and conduct.
- Provide a variety of appropriate choices for lifetime fitness and sport activities.

## CAREER OPPORTUNITIES

Physical education teacher, golf or tennis professional, recreational director, parks director, professional athlete, coach, sporting goods sales representative.

## REQUIREMENTS YOU SHOULD KNOW

1. All students must pass three (3) required PE classes plus health: two (2) in the freshman year with health, one (1) in the sophomore year. Students are limited to three (3) credits of PE to count toward graduation.
2. Students are strongly discouraged from taking more than one (1) PE class at a time.
3. Students may seek permission to delay PE in the event of a scheduling or program conflict. Student may be excused from PE, per state law. See your counselor.
4. Courses are not offered each semester. Check with the department chair or counseling office to see when the courses will be offered and whether the course is offered at your school.

\* Not all classes are offered at each high school; please check with PE department chair.

| HEALTH  | FITNESS COURSES  | OCCUPATIONAL/CAREER & TECHNICAL EDUCATION<br>(HEALTH/FITNESS CREDIT)   | YV TECH<br>(HEALTH/FITNESS CREDIT)   |
|---|--|--|--|
| <ul style="list-style-type: none"> <li>• HEALTH</li> <li>• FAMILY HEALTH</li> </ul> | <ul style="list-style-type: none"> <li>• ADVANCED WEIGHT TRAINING</li> <li>• AEROBICS</li> <li>• BADMINTON/PICKLEBALL/BOWL</li> <li>• BADMINTON/PICKLEBALL/TENNIS</li> <li>• BASKETBALL</li> <li>• COLOR GUARD/DRILL</li> <li>• DANCE</li> <li>• FLAG FOOTBALL</li> <li>• GENERAL PE</li> <li>• SOCCER</li> <li>• TENNIS</li> <li>• VOLLEYBALL</li> <li>• WEIGHT TRAINING</li> <li>• YOGA/PILATES</li> </ul> | <ul style="list-style-type: none"> <li>• FAMILY HEALTH</li> <li>• HEALTH SCIENCE CAREERS (INTRO)</li> <li>• PERSONAL FITNESS TECHNOLOGY</li> </ul> | <ul style="list-style-type: none"> <li>• EMERGENCY MEDICAL SERVICES</li> <li>• LAW ENFORCEMENT</li> <li>• NURSING</li> <li>• PHYSICAL THERAPY TECHNICIAN</li> <li>• PRE-MEDICAL ASSISTANT</li> </ul> |

## HFL116

### FAMILY HEALTH

**1 Semester, 0.50 credit**

**School:** Eisenhower, Stanton

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Health, 1.0 Elective

**Prerequisite:** None

- ❖ Prepare for a wide array of studies in nutrition, physical and emotional wellness including human sexuality
- ❖ Explore the stages of child development and how parents can support children on the road to a healthy, well-adjusted life
- ❖ Apply professional methods in psychological and developmental behavior within the family and society

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Health credit, certifications/scholarships, work-based experiences

# HEALTH & FITNESS

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## **PHE100, PHE101**

### **GENERAL PE**

1 Semester, **0.50 credit**

**Requirement Met:** Fitness

**Prerequisite:** None

This course number is listed on the transcript. You will be able to select from a variety of fitness courses

**School:** Davis, Eisenhower, Stanton

## **PHE116**

### **HEALTH**

1 Semester, 0.50 credit

**Requirement Met:** Health

**Prerequisite:** None

Health is a course designed to present current information to students and enable them to make intelligent decisions concerning their physical, mental and social health. Units covered in the class include First Aid/CPR, mental health (including self-concept and decision-making), nutrition, fitness, substance abuse, stress, communicable diseases, AIDS, and human sexuality.

**School:** Davis, Eisenhower

## **PHE121**

### **AEROBICS**

1 Semester, 0.50 credit

**Requirement Met:** Fitness

**Prerequisite:** None

Aerobic conditioning three days per week, including step aerobics, regular aerobics, and running. One day will be spent on strength training and one day will be learning principles of conditioning and nutrition.

**School:** Davis, Eisenhower

## **PHE123**

### **SOCCER**

1 Semester, 0.50 credit

**Requirement Met:** Fitness

**Prerequisite:** None

This course will begin with basic skills and progress as skills progress. Rules governing the game of soccer will be taught along with sportsmanship. Games will be played when skills have been learned. Skills to be learned are passing, dribbling, shooting, defending, ball control, heading, field awareness, and movement of the ball. Strategies taught will be 3-on-3, roles of positions, and 11-on-11.

**School:** Davis, Eisenhower

## **PHE124**

### **FLAG FOOTBALL**

1 Semester, 0.50 credit

**Requirement Met:** Fitness

**Prerequisite:** None

This course will cover basic offensive skills in football: passing, catching, centering, kicking, pass routes, and blocking for running plays. Defensive skills for running game, passing game and how to pull flags or touch will be taught. Team strategy and rules will be covered.

**School:** Davis, Eisenhower

## **PHE202**

### **BASKETBALL**

1 Semester, 0.50 credit

**Requirement Met:** Fitness

**Prerequisite:** None

Basic skills for catching, passing, dribbling, and shooting will be taught. Students will learn individual and team defensive skills. Individual and 2-on-2 offensive skills will be emphasized. Rules and sportsmanship will be covered.

**School:** Davis, Eisenhower

## **PHE203**

### **VOLLEYBALL**

1 Semester, 0.50 credit

**Requirement Met:** Fitness

**Prerequisite:** None

Basic skills of passing, setting, spiking, and blocking are taught. Basic 4-2 offense and a basic receive formation will be taught. Rules and sportsmanship will follow.

**School:** Davis, Eisenhower

## **PHE208**

### **TENNIS**

1 Semester, 0.50 credit

**Requirement Met:** Fitness

**Prerequisite:** None

Basic skills for serving, forehand, backhand, and volley will be taught. Doubles strategy, scoring, and terminology will be covered. Doubles tournaments will follow instruction.

**School:** Davis, Eisenhower

# HEALTH & FITNESS

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**PHE211**

## **WEIGHT TRAINING**

**1 Semester, 0.50 credit**

**School:** Davis, Eisenhower

**Requirement Met:** Fitness

**Prerequisite:** Grade 10

An introduction to weight training techniques and the benefits to the body from this activity. Proper lifting techniques, spotting techniques, and safety skills will be taught. A "B" or better grade from this class is required to continue to the advanced weight-training program. The basic class format will be four days a week of strength training, flexibility, plyometric, and speed training. One day a week will be spent in the classroom learning principles of conditioning, anatomy, and nutrition.

**PHE216**

## **DANCE**

**1 Semester, 0.50 credit**

**School:** Davis, Eisenhower

**Requirement Met:** Fitness

**Prerequisite:** None

Western line dancing and social dancing will be taught. The course is designed to provide the individual with the knowledge, skills and confidence to participate in these dances in a social setting.

**PHE217**

## **COLOR GUARD/DRILL**

**1 Semester, 0.50 credit**

**School:** Eisenhower

**Requirement Met:** Fitness

**Prerequisite:** None

Performs with the marching band at football games, parades, competitions and other events.

**PHE309**

## **COLLEGE IN THE HIGH SCHOOL FITNESS**

**1 Semester, 0.50 credit**

**School:** Eisenhower

**Requirement Met:** Fitness

**Prerequisite:** Must obtain a B or higher in general PE.

Comprehensive physical fitness course designed to develop strength, flexibility, and endurance (muscular and cardiovascular) in an effective manner through use of the Eisenhower Fitness Center. Mandatory orientation and evaluation (pre-testing and post-testing) accompanies the program. Designed to develop baseline fitness levels for all persons with varying fitness levels.

**PHE310**

## **COLLEGE IN THE HIGH SCHOOL STRENGTH/WEIGHT TRAINING**

**1 Semester, 0.50 credit**

**School:** Eisenhower

**Requirement Met:** Fitness

**Prerequisite:** Must obtain a B or higher in general PE.

Strength/weight training provides students an opportunity to develop musculoskeletal fitness based on the scientific principles of resistance training. Assistance will be given to students in developing a program design to meet their fitness goals.

**PHE311**

## **ADVANCED WEIGHT TRAINING**

**1 Semester, 0.50 credit**

**School:** Eisenhower

**Requirement Met:** Fitness

**Prerequisite:** Grade 10. B in PHE211.

This course will develop the students' overall physical fitness through the use of free weights and polymeric equipment. The students will learn and use proper lifting techniques, spotting techniques, and safety skills. The students will be taught the physiology of muscle development. Basic class outline will be five days a week of weights – strength training, flexibility, polymeric, and speed training.

**PHE314**

## **BADMINTON /PICKLEBALL/BOWLING**

**1 Semester, 0.50 credit**

**School:** Davis, Eisenhower

**Requirement Met:** Fitness

**Prerequisite:** Grade 10. Fee for bowling.

Basic badminton skills of serve, forehand, backhand, lob, smash, and drop shot will be taught. Also, single and doubles court coverage, and scoring will be covered. Pickleball serve, forehand, and backhand will be taught. Scoring, offensive court coverage, and defensive court coverage will be included. Bowling may be included depending upon season and year.

# HEALTH & FITNESS

|   |   |                                  |
|---|---|----------------------------------|
| <b>PHE315</b>   | <b>BADMINTON/ PICKLEBALL/ TENNIS</b><br>1 Semester, 0.50 credit<br><b>Requirement Met:</b> Fitness<br><b>Prerequisite:</b> None<br>Basic badminton skills of serve, forehand, backhand, lob, smash, and drop shot will be taught. Also, single and doubles court coverage and scoring will be covered. Pickleball serve, forehand, and backhand will be taught. Scoring, offensive court coverage, and defensive court coverage will be included. Basic fundamental tennis instruction will be covered.   | <b>School:</b> Davis, Eisenhower |
| <b>PHE413</b>   | <b>YOGA/PILATES</b><br>1 Semester, 0.50 credit<br><b>Requirement Met:</b> Fitness<br><b>Prerequisite:</b> None<br>This is a low-impact, non-competitive class introduces students to a variety of Pilates exercises and Yoga poses.   | <b>School:</b> Davis, Eisenhower |
| <b>TEF101, TEF102</b><br><i>Health Science Graduation Pathway</i> | <b>PERSONAL FITNESS TECHNOLOGY</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> 1.0 Cr. Occupational/CTE, 1.0 Cr. Fitness, 1.0 Cr. Elective<br><b>Prerequisite:</b> None<br><br><ul style="list-style-type: none"> <li>❖ Use advanced exercise and fitness techniques to train your mind and body while preventing injury</li> <li>❖ Strengthen your body, build physical resilience, and coach others on the journey to physical and mental wellbeing</li> <li>❖ Find out what motivates you to pursue your health goals and achieve results to unlock your body's potential</li> </ul> <b>Career Focus:</b> Prepared for immediate employment, advanced certifications, and further education<br><b>Extras:</b> Physical Education credit, certifications/scholarships, national competitions | <b>School:</b> Stanton           |
| <b>SCV310, SCV311</b><br><i>Health Science Graduation Pathway</i> | <b>HEALTH SCIENCE CAREERS (INTRO)</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective, .5 Cr. Health<br><b>Prerequisite:</b> None<br><br><ul style="list-style-type: none"> <li>❖ Practice a wide range of health care processes, techniques, and diagnostic procedures in high-tech simulated and live clinical environments</li> <li>❖ Work as a key member of the professional healthcare team to provide quality patient care in a variety of fast-paced settings</li> <li>❖ Monitor heart rhythms, draw blood, and collect patient data using the latest medical techniques</li> </ul> <b>Career Focus:</b> Prepared for further education<br><b>Extras:</b> Health credit, certifications/scholarships, national competitions                     | <b>School:</b> Davis, Eisenhower |

**HEALTH CREDIT OFFERED AT YV-TECH – TURN TO YV-TECH SECTION FOR COURSE DESCRIPTIONS**

|  |   |                        |
|--|---|------------------------|
| <b>SKS311, SKS411</b><br><b>College Credit Available</b> | <b>EMERGENCY MEDICAL SERVICES</b><br>2 Years, 1.50 credits per semester | <b>School:</b> YV-Tech |
| <b>SKL320, SKL420</b><br><b>College Credit Available</b> | <b>LAW ENFORCEMENT</b><br>1 Year, 1.50 credits per semester             | <b>School:</b> YV-Tech |
| <b>SKM311, SKM312</b><br><b>College Credit Available</b> | <b>NURSING</b><br>1 Year, 1.50 credits per semester                     | <b>School:</b> YV-Tech |
| <b>SKM200, SKM300</b><br><b>College Credit Available</b> | <b>PHYSICAL THERAPY TECHNICIAN</b><br>1 Year, 1.50 credits per semester | <b>School:</b> YV-Tech |
| <b>SKM600</b><br><b>College Credit Available</b>         | <b>PRE-MEDICAL ASSISTANT</b><br>1 Year, 1.50 credits per semester       | <b>School:</b> YV-Tech |

# FINE ARTS

## Music & Performing Arts

In the daily lives of every adult there are numerous occasions to apply the values and appreciations derived from a music course. Courses in music are available to all students on an elective basis. The music program is designed to nurture discriminating performers and consumers of music. Some advanced groups are both selective and elective. Pride of participation in outside activities and performances is mandated for some selective groups.

Career possibilities: Studio musician, touring musician, music teacher, composer-arranger, recording technician, music publishing, broadcasting.

| INSTRUMENTAL  | CHOIR  | DRAMA   |
|---|--|---|
| <ul style="list-style-type: none"><li>• ADVANCED BAND</li><li>• ADVANCED ORCHESTRA</li><li>• BEGINNING GUITAR</li><li>• CHAMBER ORCHESTRA</li><li>• CONCERT BAND</li><li>• IB MUSIC GP SL</li><li>• JAZZ BAND</li><li>• MARCHING BAND</li><li>• PERCUSSION ENSEMBLE</li><li>• PIANO</li><li>• WIND ENSEMBLE</li></ul> | <ul style="list-style-type: none"><li>• CONCERT CHOIR</li><li>• CHAMBER CHOIR</li><li>• TREBLE CHOIR</li><li>• JAZZ CHOIR</li><li>• SHOW CHOIR</li></ul> | <ul style="list-style-type: none"><li>• HISTORY OF MUSICAL THEATRE</li><li>• DRAMA/THEATRE</li><li>• CHILDREN'S THEATRE</li></ul> |

### END200

#### HISTORY OF MUSICAL THEATRE

1 Semester, 0.50 credit

Requirement Met: Fine Arts

Prerequisite: None

The history of Broadway Musicals will explore in-depth the structure, elements, and style of musical compositions, and how the dramatic literature influenced musical production and acting styles throughout history.

School: Eisenhower

### END232

#### DRAMA/THEATRE

1 Semester, 0.50 credit

Requirement Met: Fine Arts

Prerequisite: None

In this drama course, students will Read it! Watch it! Write it! The scope of the course spans ancient Greek drama to contemporary productions.

School: Eisenhower

### END434

#### CHILDREN'S THEATRE

1 Semester, 0.50 credit

Requirement Met: Fine Arts

Prerequisite: Grades 11-12. Teacher recommendation.

This course will be devoted to selecting, casting, rehearsing, and producing a Children's Play. Class members design and build the various stage setting, create costumes and makeup for the characters, tour to six local elementary schools, and present Saturday matinees for a total of nine (9) performances for each Children's Theatre production. Different plays are produced each semester.

School: Eisenhower

### MUB100

#### BAND EXPLORATION

1 Semester, 0.50 credit

Requirement Met: Fine Arts

Prerequisite: None

This class is designed for freshmen who have not had the opportunity to learn a band instrument, or for students at any grade level who were in band for a short period of time in middle school. Students will learn proper instrument care and handling, healthy playing technique, and music reading skills. Upon completion of this course, students will have the skills needed to continue with more advanced band offerings, including marching band and pep band.

School: Eisenhower

# FINE ARTS

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- MUB110, MUB111 PERCUSSION ENSEMBLE**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** Must play a band instrument.  
This class is meant to develop fundamental skills in percussionists including mallets, snare drum, bass drum, timpani, world instruments, etc. This ensemble performs advanced percussion literature in small ensemble settings as well as learning and performing the music with the concert Band, Advanced Band, and Wind Ensemble. These students are also involved as the percussion section for the marching band. Students are involved in numerous activities outside the day including, concerts, extra rehearsals, contests, community events and seasonal performances with the other bands. Students in this class will also participate in Solo and Ensemble. Private lessons are strongly recommended. Involvement in this class is viewed as a full school-year commitment. Uniform fee is required.
- MUB200, MUB201 MARCHING BAND**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** Must play a band instrument.  
This class will meet outside of the school day on Tuesdays and Thursdays. The Marching Band is active during the fall and spring months and performs at all football games in addition to various parades and civic functions. Grading will be based on daily performance, playing/routine test, and performance participation. The class will meet 3 hours a day - twice a week.
- MUB210, MUB211 CONCERT BAND**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** Must play a band instrument.  
This ensemble performs intermediate to advanced traditional and contemporary concert band literature. Emphasis is on refinement of practice and performance techniques. Students are involved in numerous activities outside the day including concerts, extra rehearsals, contests, community events and seasonal performances with the Marching and Pep Bands. Students in this class are **encouraged to participate in Solo and Ensemble**. Private lessons are recommended. Involvement in this class is viewed as a full school-year commitment. A uniform fee is required.
- MUB230, MUB231 JAZZ BAND**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** Placement by instructor.  
This ensemble performs and teaches the fundamentals of jazz through the art of improvisation and performance in the jazz idiom through big band and small combo ensembles. This group is for advanced level students. Students must be co-enrolled in one of the concert ensembles classes for band, choir or orchestra with the exception of guitar and piano. Students are involved in numerous activities outside the day including, concerts, extra rehearsals, contests, community events and other performances. This class is limited to the size of ensembles traditional to the big band/jazz band idiom. Private lessons with some jazz instruction are strongly recommended. Involvement in this class is viewed as a full school-year commitment. Uniform fee is required.
- MUB240, MUB241 ADVANCED BAND**  
**1 Year, 0.50 credit per semester** **School:** Davis  
**Requirement Met:** Fine Arts  
**Prerequisite:** Grades 10-12. Placement by instructor.  
This ensemble performs advanced traditional and contemporary concert band literature. This group is for advanced level students that were not accepted into the wind ensemble. Students are involved in numerous activities outside the day including, concerts, extra rehearsals, contests, community events and seasonal performances with the other bands. Students in this class will also participate in Solo and Ensemble. Private lessons are strongly recommended. Involvement in this class is viewed as a full school-year commitment. Uniform fee is required.
- MUB250, MUB251 WIND ENSEMBLE**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** B in Band or Orchestra  
This ensemble performs advanced traditional and contemporary concert band literature. Students are involved in numerous activities outside the day including, concerts, extra rehearsals, contests, community events and seasonal performances with the other bands. Students in this class will also participate in Solo and Ensemble. Private lessons are strongly recommended. Involvement in this class is viewed as a full school-year commitment. Uniform fee is required.

# FINE ARTS

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- MUC100, MUC101 CONCERT CHOIR**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** None  
The Concert Choir is a non-auditioned ensemble open to any student. No previous singing experience is required. A desire to grow and excel musically is expected. All first-year singers are expected to participate in this ensemble. The Concert Choir will perform various genres of music from classical to pop at most local concerts and festivals.
- MUC110, MUC111 CHAMBER CHOIR**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** Grades 10-12. By audition only.  
This is a select group for the advanced singer. Students will be challenged to reach his/her full potential and will learn basic and advanced singing techniques. They will be given the opportunity to experience and perform music of various styles and historic periods. Each student must be self-motivated and able to learn challenging parts on her/his own. Music theory and sight singing are also an important part of the curriculum. This group will perform 5-7 times throughout the school year, including fundraisers and out-of-town festivals and performances.
- MUC120, MUC121 TREBLE CHOIR**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** Voice in treble clef range.  
This is a select group for the treble voice. Each singer will be challenged to reach his/her full potential. Students will learn basic and advanced singing techniques and will be given the opportunity to experience and perform music of various styles and historic periods. Each student must be self-motivated and willing to work on music outside of class. Music Theory and sight-singing are also an important part of the curriculum. This group will perform 5-7 times throughout the school year, including fundraisers and out-of-town festivals and performances.
- MUC122 BASS TENOR CHOIR**  
**1 Semester, 0.50 credit** **School:** Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** None  
This is a select group for the Bass Tenor voice. Each singer will be challenged to reach their full potential. Students will learn basic and advanced singing techniques and will be given the opportunity to experience and perform music of various styles and historic periods. Each student must be self-motivated and willing to work on music outside of class. Music Theory and sight-singing are also an important part of the curriculum. This group will perform 5-7 times throughout the school year, including fundraisers and out-of-town festivals and performances.
- MUC210, MUC211 JAZZ CHOIR**  
**1 Year, 0.50 credit per semester** **School:** Davis  
**Requirement Met:** Fine Arts  
**Prerequisite:** Grades 10-12. By audition.  
This is a select group for the advanced singer. Class is limited to 24 singers, a piano player, drummer, bassist, guitarist and sound technician. Each student will be challenged to reach his/her full potential. Course content is vocal jazz music. Students may be expected to perform at times with the Chamber Choir where they will learn basic and advanced singing techniques, and be given the opportunity to experience and perform music of various styles and historic periods. Each student must be highly dedicated, self-motivated and must be able to learn challenging parts on her/his own. Music theory and sight-singing are also an important part of the curriculum. This group will perform 5-7 times during the entire school year.
- MUC220, MUC221 SHOW CHOIR**  
**1 Year, 0.50 credit per semester** **School:** Davis, Eisenhower  
**Requirement Met:** Fine Arts  
**Prerequisite:** Grades 10-12.  
This is a select group for the advanced singer. Class is limited to 18 singers, a piano player, drummer, bassist, guitarist and sound technician. Each student will be challenged to reach his/her full potential. Course content is mostly Musical Theatre and Pop music and may be expected to perform at times with the Chamber Choir. Students will learn basic and advanced singing techniques and be given the opportunity to experience and perform music of various styles and historic periods. Each student must be highly dedicated, self-motivated and must be able to learn challenging parts on her/his own. Music theory, sight-singing, and dance are also an important part of the curriculum. This group will perform 7-10 times during the entire school year.

# FINE ARTS

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|                       |  |                                    |
|-----------------------|--|------------------------------------|
| <b>MUG110</b>         | <b>BEGINNING GUITAR</b><br><b>1 Year, 0.50 credit per semester</b><br><b>Requirement Met:</b> Fine Arts<br><b>Prerequisite:</b> None<br>Upon completion of this course, students will be able to demonstrate an understanding of musical concepts related to the structure and stylistic elements of music. They will also gain the skills necessary to perform musical operations, which include the care and maintenance of the instrument, proper playing technique, musical literacy and the use of aural imagery.   | <b>School:</b> Davis, Eisenhower   |
| <b>MUG200</b>         | <b>UKULELE</b><br><b>1 Semester, 0.50 credit</b><br><b>Requirement Met:</b> Fine Arts<br><b>Prerequisite:</b> None<br>This course will provide students with a fundamental understanding of key music concepts such as chord structure, rhythm and style. Students will also gain the skills needed to perform with proper technique, interpret musical notation and symbols, maintain their instrument and collaborate with other musicians.  | <b>School:</b> Eisenhower          |
| <b>MUO110, MUO111</b> | <b>ORCHESTRA</b><br><b>1 Year, 0.50 credit per semester</b><br><b>Requirement Met:</b> Fine Arts<br><b>Prerequisite:</b> Must play a string instrument.<br>Orchestra is an advanced course open to students continuing their orchestral instruments beyond middle school. Involvement in the orchestra is a full school-year commitment. Required activities include concerts, contests, and field trips.  | <b>School:</b> Davis, Eisenhower   |
|                       |  | <i>Music &amp; Performing Arts</i> |
| <b>MUO230, MUO231</b> | <b>CHAMBER ORCHESTRA</b><br><b>1 Year, 0.50 credit per semester</b><br><b>Requirement Met:</b> Elective, Fine Arts<br><b>Prerequisite:</b> Grades 10-12. Placement by teacher.<br>This ensemble performs advanced traditional and contemporary string orchestra literature at the highest level. This group is for our most advanced level students. Students are involved in numerous activities outside the day including, concerts, extra rehearsals, contests, community events and seasonal performances with the other orchestras. Students in this class will also participate in Solo and Ensemble. Private lessons are strongly recommended. Involvement in this class is viewed as a full school-year commitment.                    | <b>School:</b> Davis, Eisenhower   |
| <b>MUO240, MUO241</b> | <b>ADVANCED ORCHESTRA</b><br><b>1 Year, 0.50 credit per semester</b><br><b>Requirement Met:</b> Elective, Fine Arts<br><b>Prerequisite:</b> Grades 10-12. Placement by teacher.<br>This ensemble performs advanced traditional and contemporary string orchestra literature. This group is for advanced level students that were not accepted into the chamber orchestra. Students are involved in numerous activities outside the day including, concerts, extra rehearsals, contests, community events and seasonal performances with the other orchestras. Students in this class will also participate in Solo and Ensemble. Private lessons are strongly recommended. Involvement in this class is viewed as full school-year commitment. | <b>School:</b> Davis               |
| <b>MUP101</b>         | <b>PIANO</b><br><b>1 Semester, 0.50 credit</b><br><b>Requirement Met:</b> Fine Arts<br><b>Prerequisite:</b> None<br>This is a group class for introductory level piano students. In addition to basic piano skills, students will receive instruction in a state-of-the-art Midi and music production lab. Students will gain a basic understanding of music history, composition, and performance.  | <b>School:</b> Davis, Eisenhower   |
| <b>MUS425, MUS426</b> | <b>IB MUSIC GP SL</b><br><b>1 Year, 0.50 credit per semester</b><br><b>Requirement Met:</b> Fine Arts<br><b>Prerequisite:</b> Grades 11-12. Music background.<br>This course meets the group 6 requirement for the IB Program. Students will master the concepts and application of music history, theory, performance and composition. Students will also develop a media script as part of the IB external assessment. Students must participate in a large ensemble and must maintain a high level of academic achievement.   | <b>School:</b> Davis               |

# FINE ARTS

## Visual Arts

The art departments at our high schools offer everyone the opportunity to explore visual creative experiences, which will develop and increase artistic ability and skills as well as an enjoyment of art. It will also help those students who will go into art as a vocation or avocation. The courses offered are all elective classes providing meaningful exercises and projects to students on both beginning and advanced levels. **Career Possibilities**

| ART COURSES  | OCCUPATIONAL/CAREER & TECHNICAL EDUCATION (FINE ART CREDIT)   | YV TECH (FINE ART CREDIT)  |
|--|---|--|
| <ul style="list-style-type: none"> <li>• ADVANCED ART</li> <li>• BEGINNING ART</li> <li>• IB VISUAL ART</li> </ul> | <ul style="list-style-type: none"> <li>• ARCHITECTURAL DRAFTING</li> <li>• ART PRODUCTION TECHNOLOGY</li> <li>• COMMERCIAL ART &amp; ADVERTISING</li> <li>• COMMERCIAL PHOTOGRAPHY</li> <li>• DIGITAL &amp; PRINT JOURNALISM</li> <li>• FILM PRODUCTION</li> <li>• GRAPHIC &amp; COMMERCIAL ART (INTRO)</li> <li>• GRAPHIC DESIGN</li> <li>• INTERIOR DESIGN</li> <li>• JEWELRY DESIGN</li> <li>• PHOTO &amp; VIDEO (INTRO)</li> <li>• THEATRE DESIGN &amp; STAGE TECHNOLOGY</li> <li>• WEBPAGE DESIGN</li> <li>• YEARBOOK</li> </ul> | <ul style="list-style-type: none"> <li>• ENTERTAINMENT MEDIA PRODUCTION</li> <li>• AUTO COLLISION REPAIR</li> <li>• COSMETOLOGY</li> </ul> |

: Commercial artist, sign painting, cartooning, clothing design, art therapist, art teacher.

### ART100

#### BEGINNING ART

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** Fine Arts

**Prerequisite:** None

The Beginning Art course will focus on career exploration in the field of Design and Professional Arts. This course focuses on the theories, methods and techniques in the areas of Art. It includes instruction in core art EALRs, design, concepts, and art theory. This course is part of the TAE (101-103) series, which is an exploratory sequence that exposes students for career areas of art.

### ART300, ART301

#### ADVANCED ART

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** Fine Arts

**Prerequisite:** None

The advanced art course is designed for students to experience creative process and encourage them to become creative thinkers and problem solvers in whatever profession they pursue. Students will continue to acquire background knowledge, increase skills and experience new medias. Advanced art encourages students to deeper-level, creative experiences after acquiring foundational knowledge and skills that allow the innovative process to take place within them. As students becomes deeper-level creative thinkers, they will grow in new ways to explore, investigate, create, develop, design and work exclusively in quadrant D (imaginative) of the brain where we want our students to dwell. We live in a world that is demanding innovative thinkers in all professions—this course will provide the essential components that will develop and increase creative thinking!

### ART355, ART356

#### IB VISUAL ART A SL 1A, 1B

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** Fine Arts

**Prerequisite:** IB candidate.

The Diploma Program Visual Arts SL course enables students to engage in both practical exploration and artistic production and in independent contextual, visual and critical investigation. The course is designed to enable students to study visual arts in higher education and also welcomes students who seek life enrichment through visual arts.

# FINE ARTS

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**ART455, ART456**

## **IB VISUAL ART A SL 2A, 2B**

**1 Year**, 0.50 credit per semester

**School:** Davis

**Requirement Met:** Fine Arts

**Prerequisite:** C in ART356

The Diploma Program Visual Arts SL course enables students to engage in both practical exploration and artistic production and in independent contextual, visual and critical investigation. The course is designed to enable students to study visual arts in higher education and also welcomes students who seek life enrichment through visual arts.

**BUM332, BUM333**

## **ART PRODUCTION TECHNOLOGY**

**1 Year**, 0.50 credit per semester

**School:** Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, or 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Express your unique vision to develop, market, and sell your vibrant artistic creations
- ❖ Utilize advanced techniques in 2D and 3D art using traditional, recycled, and repurposed materials
- ❖ Showcase your abilities alongside other creative individuals while building a professional portfolio

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine art credit, project-based experiences, national competitions

**BUS302, BUS303**

College Credit Available  
Business Grad Pathway

## **WEBPAGE DESIGN**

**1 Semester**, 0.50 credit

**School:** Davis, Eisenhower

**Requirement Met:** Occupational/CTE, Fine Arts, Math

**Prerequisite:** BUS100

- ❖ Express your creativity and unlock the solutions to complex problems through the universal language of computers
- ❖ Interpret client needs to design creative, eye-catching, and responsive websites and mobile applications
- ❖ Maximize search engine optimization by developing clean, modern, and intuitive websites

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art credit, college credit/scholarships, national competitions

**BUS326, BUS327**

**BUS426, BUS427**

## **DIGITAL & PRINT JOURNALISM**

**2 Years**, 0.50 credit per semester

**School:** Davis, Eisenhower

**Requirement Met:** BUS326/327: 1.0 Cr. Eng. 11, BUS426/427: Eng. 12, Occupational/CTE, or Elective

**Prerequisite:** None

- ❖ Conduct interviews, research, write, and design publications for print and online media showcasing creativity
- ❖ Master investigative skills, responsible reporting, and journalistic writing techniques
- ❖ Examine the role of news media in our society

**Career Focus:** Prepared for immediate employment and further education

**Extras:** English elective credit, work-based experiences, scholarships

**HFL224, HFL225**

## **INTERIOR DESIGN**

**1 Semester**, 0.50 credit

**School:** Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Integrate a wide range of design elements, furnishings, and building materials for residential and commercial spaces
- ❖ Design and select the materials for a new home and collaborate with professionals and clients to create a unique interior
- ❖ Develop an innovative professional portfolio complete with personal design artifacts

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine art credit, national competitions, work-based experiences

# FINE ARTS

## TEC111, TEC112

Visual Arts Grad Pathway

### PHOTO & VIDEO (INTRO)

1 Year, 0.50 credit per semester

School: Davis, Eisenhower, Stanton

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, or 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Bring your creative vision to life using professional techniques, high-tech equipment, and a full range of editing tools
- ❖ Create and capture compelling images of people, events, fashion, products, and landscapes
- ❖ Work individually and in teams to create cinematic film, engaging documentary, and viral video

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

## TEC211, TEC212

College Credit Available

Visual Arts Grad Pathway

### FILM PRODUCTION

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Tell amazing stories by producing innovative films and videos for real-world clients
- ❖ Work individually and in teams to create dynamic films, documentaries, music videos, sportscasts, and newscasts
- ❖ Develop, produce, and deliver unique video and audio projects for film, TV, and commercial broadcast

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, college credit/scholarships, national competitions

## TEC231, TEC232

## TEC331, TEC332

Visual Arts Grad Pathway

### COMMERCIAL PHOTOGRAPHY

2 Years, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, or 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Bring your creative vision to life using professional techniques, high-tech equipment, and a full range of editing tools
- ❖ Shoot commercial photography and video clips both on-site and in the studio for vibrant print and web media
- ❖ Capture dynamic images using professional cameras and a wide range of lenses and filters

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

## TED211, TED212

College Credit Available

Architecture & Construction  
Graduation Pathway

### ARCHITECTURAL DRAFTING

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Geometry or 3<sup>rd</sup> Yr. Math, 1.0 Fine Arts, 1.0 Elective

**Prerequisite:** TED105

- ❖ Envision and design your dream home by creating detailed floor plans and blueprints
- ❖ Visualize, design, and construct 3D models and generate full-color 3D computer-aided drawings
- ❖ Produce a professional portfolio of designs, plans, and architectural projects

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art or 3<sup>rd</sup> Year Math credit, college credit/scholarships, national competitions

## TEG100, TEG205

Visual Arts Grad Pathway

### GRAPHIC & COMMERCIAL ART (INTRO)

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Communicate powerful messages by producing vibrant layouts, brochures, and digital imagery
- ❖ Showcase your unique artistic vision to design and produce dynamic promotional materials
- ❖ Produce a professional portfolio of designs, graphics, and advertising projects

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

# FINE ARTS

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## TEG104, TEG105

Visual Arts Grad Pathway

### YEARBOOK

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** Grades 11, 12

- ❖ Showcase your creative design expertise by putting together a dynamic high school yearbook
- ❖ Capture the memories that your classmates will carry with them the rest of their lives
- ❖ Work with a production team to layout content and meet critical timelines needed to publish our high school yearbook

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

## TEG204, TEG205

## TEG304, TEG305

Visual Arts Grad Pathway

### COMMERCIAL ART & ADVERTISING

2 Years, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Communicate powerful messages of value using digital imagery, illustrations, logos, and photography
- ❖ Engage your audiences by designing impactful print and digital advertising including packaging, posters, vehicle wraps, and dynamic visual media
- ❖ Use professional software and techniques to create vibrant business publications, presentations, website content, social media, and apps

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art credit, certifications/scholarships, national competitions

## TEG224, TEG225

Visual Arts Grad Pathway

### GRAPHIC DESIGN

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Showcase your artistic abilities alongside other innovative individuals while developing a professional portfolio
- ❖ Interpret client needs to design dynamic logos, custom apparel, and product packaging
- ❖ Produce creative designs, computer graphics, and digital imagery

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

## TEJ233, TEJ234

## TEJ333, TEJ334

Visual Arts Grad Pathway

### JEWELRY DESIGN

2 Years, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** Occupational/CTE, or Fine Arts

**Prerequisite:** None

- ❖ Discover your own unique style by crafting high-quality jewelry pieces that get noticed
- ❖ Innovate using a variety of stone settings and metal forming to produce rings, chains, and bracelets
- ❖ Engineer the shape, form, and texture of metal and other media using traditional, recycled, and repurposed materials

**Career Focus:** Prepared for immediate employment and further education

**Extras:** Fine Art credit, scholarships, national competitions

## TES201, TES202

## TES204, TES205

## TES301, TES302

Visual Arts Grad Pathway

### THEATRE DESIGN & STAGE TECHNOLOGY

3 Years, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Stretch your creativity and discover what it takes to bring a dynamic show to life
- ❖ Engineer and operate advanced lighting and sound to enhance a full-scale theatrical production
- ❖ Design, build, paint, decorate, and strike elaborate sets using commercial power tools

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Fine Art credit, certifications/scholarships, work-based experiences

# FINE ARTS

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## *FINE ARTS CREDIT OFFERED AT YV-TECH – TURN TO YV-TECH SECTION FOR COURSE DESCRIPTIONS*

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|   |  |                        |
|---|--|------------------------|
| <b>SKT311, SKT411</b><br>College Credit Available | <b>ENTERTAINMENT MEDIA PRODUCTION</b><br>1 Year, 1.50 credits per semester | <b>School:</b> YV-Tech |
| <b>SKA311, SKA411</b><br>College Credit Available | <b>AUTO COLLISION REPAIR</b><br>1 Year, 1.50 credits per semester          | <b>School:</b> YV-Tech |
| <b>SKJ311, SKJ411</b><br>College Credit Available | <b>COSMETOLOGY</b><br>1 Year, 1.50 credits per semester                    | <b>School:</b> YV-Tech |

# WORLD LANGUAGES

There are many good reasons to study world languages. In the present-day world, the most important is probably the need to be able to communicate with people who speak other languages in the commercial, professional, and political worlds as well as in day-to-day living at home or abroad. Many colleges and universities demand at least two years of study of a world language as an entrance requirement.

Note: Students who plan to study a world language must enroll in the first course in the fall, since that is the only time the beginning class is offered.

**Career Opportunities:** Bilingual professionals such as doctor, lawyer, nurse, teacher, secretary, receptionist, retail store, and restaurant employees; governmental service such as diplomatic, agricultural, commercial, etc.; bilingual public service employees such as social security, health services, welfare, police, and firefighter; bilingual agricultural supervisors and workers; translators and interpreters.

| ASL  | SPANISH  | JAPANESE   | FRENCH  |
|--|--|--|---|
| <ul style="list-style-type: none"> <li>AMERICAN SIGN LANGUAGE (CTE)</li> </ul> | <ul style="list-style-type: none"> <li>SPANISH 1, 2, 3</li> <li>AP SPANISH</li> <li>HONORS SPANISH 1, 2</li> <li>IB SPANISH</li> <li>NATIVE SPANISH 1, 2</li> <li>HONORS NATIVE SPANISH 1, 2</li> <li>IB NATIVE SPANISH 3</li> </ul> | <ul style="list-style-type: none"> <li>JAPANESE 1, 2</li> <li>HONORS JAPANESE 1, 2</li> <li>IB JAPANESE</li> </ul> | <ul style="list-style-type: none"> <li>FRENCH 1, 2, 3</li> <li>HONORS FRENCH 1, 2</li> <li>IB FRENCH</li> </ul> |

## OCCUPATIONAL/CAREER & TECHNICAL EDUCATION (CTE)

- AMERICAN SIGN LANGUAGE

### FLA101, FLA102

### FLA201, FLA202

### FLA301, FLA302

ASL/INTPN Grad Pathway

### AMERICAN SIGN LANGUAGE

3 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. World Language, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Experience the joy of communicating and connecting with those who are hearing impaired
- ❖ Use your hands, facial expression, mouth, and body language to express your thoughts, ask questions, and carry on a conversation
- ❖ Prepare for work in a variety of community and civic environments including education, health, legal, religious, and other settings

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** World language credit, certifications/scholarships, work-based experiences

### FLF101, FLF102

### FRENCH 1

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** None

At this level, listening and speaking skills are stressed. Reading and writing skills are also introduced. Conversational skills and knowledge of Francophone cultures are enhanced through the use of technology. Good attendance and oral participation will greatly help to promote success.

### FLF151, FLF152

### HONORS FRENCH 1

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** B in English

This class is for students who are highly motivated to cover the materials in more depth than a regular class. Success depends on oral participation, excellent attendance, and outside preparation for class activities.

### FLF201, FLF202

### FRENCH 2

1 Year, 0.50 credit per semester

School: Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** FLF102, or FLF152

Listening and speaking skills will continue to be stressed. Reading and writing skills will continue to be developed. Advanced grammar study and an introduction to literature will give students a solid college preparatory background. Writing will reinforce oral work. The study of Francophone cultures will be enhanced through the use of technology.

# WORLD LANGUAGES

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**FLF251, FLF252**

## **HONORS FRENCH 2**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** B in FLF102 or FLF152

This is a limited, accelerated class for selected students with exceptional ability who desire to progress at a more rapid pace than standard French classes. The main emphasis at this level is speaking and significantly more reading. Enrollment limited.

**FLF301, FLF302**

## **FRENCH 3**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** FLF202, or FLF252

Third year French is for students who desire a strong foundation in French. Speaking, listening, reading and writing skills will continue to be developed. Through the study of literature and advanced grammar, students will have the ability to develop their skills. Conversational skills will be enhanced through class and group discussions and projects.

**FLF371, FLF372**

## **IB FRENCH 3B SL 1A, 1B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** FLF202 or FLF252

This accelerated class is for students preparing for the IB test or who have the ability and interest to progress at a more rapid pace than the standard third-year class.

**FLF471, FLF472**

## **IB FRENCH 4B SL 1A, 1B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** FLF372. In IB program.

This class is limited to IB students. Conversational skills, Francophone literature, and culture will be emphasized.

**FLJ101, FLJ102**

## **JAPANESE 1**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** None

In this first year, students will be able to obtain a good grasp on what kind of language Japanese is. Basic sentence patterns are learned through conversational patterns. Oral drills and reading aloud are important class activities. Roman letters are used to make reading and writing sentences easier. Hiragana, 46 symbols of Japanese syllabary will be mastered and Kanji, one of two other Japanese scripts, will be introduced briefly. The teacher will present numerous cultural topics.

**FLJ151, FLJ152**

## **HONORS JAPANESE 1**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** None

The main emphasis of the first year Japanese will be to develop listening, speaking, reading and writing skills as well as learn the culture of the target language. Students will be able to exchange greetings, give their identity, and name a number of familiar objects from their immediate environment. They will be able to communicate about the familiar topics.

**FLJ201, FLJ202**

## **JAPANESE 2**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** FLJ102

Students will continue to develop listening and speaking skills through conversational patterns and the practice of short dialogs. Students will read sentences written in Hiragana and basic Japanese scripts as well as a limited number of Kanji. They will begin learning Katakana, 46 symbols of Japanese syllabary which are used for writing foreign words.

# WORLD LANGUAGES

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**FLJ251, FLJ252**

## **HONORS JAPANESE 2**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** FLJ151, FLJ152. Teacher permission.

Students will continue to develop communication through speaking and writing, providing opportunities to respond to request and questions in expanded contexts. They will participate independently in brief conversations on familiar topics and write sentences and descriptions using Kanji characters.

**FLJ371, FLJ372**

## **IB JAPANESE 3B SL 1A, 1B AB INITIO SL 1A, 1B**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** FLJ251, FLJ252. Teacher permission.

This accelerated class is for the students preparing for the IB exam. The students will learn necessary skills to be successful in IB exam through the materials prepared according to IB Language Acquisition themes. The students will learn to analyze and evaluate material written and in oral presentations.

**FLJ471, FLJ472**

## **IB JAPANESE 4B AB INITIO SL 1A, AB**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** FLJ371, FLJ372. Teacher permission.

This class will develop the skills which the students acquired in IB 3 class and deepen the understanding of Japanese culture to the level where they will be successful at the IB exam.

**FLS101, FLS102**

## **SPANISH 1**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower, Stanton

**Requirement Met:** Elective

**Prerequisite:** C in English Language Arts

Listening, speaking, reading, and writing skills will be developed. New vocabulary and cultural activities will be introduced including: telling time, family, clothing, food, etc. New grammatical concepts to be introduced include the following tenses of the indicative mood: present, present progressive and immediate future. Additional concepts include definite and indefinite articles.

**FLS151, FLS152**

## **HONORS SPANISH 1**

**1 Year, 0.50 credit per semester**

**School:** Davis

**Requirement Met:** Elective

**Prerequisite:** C in English Language Arts

This is an accelerated class for students with exceptional skills and abilities and who desire to progress at a more rapid pace than in the regular Spanish class. Listening, speaking, reading, and writing skills will be developed. New vocabulary and cultural activities will be introduced including: telling time, family, clothing, food, etc. New grammatical concepts to be introduced include the following tenses of the indicative mood: present, present progressive and immediate future. Additional concepts include definite and indefinite articles. Students will be expected to demonstrate receptive, productive, and oral language skills via Middle School Program reading, writing, and oral activities. Students will gain the pre-requisite knowledge to enter the Honor's Spanish 2 class.

**FLS201, FLS202**

## **SPANISH 2**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** FLS102, or FLS152

Listening, speaking, reading, and writing skills will continue to be developed. Grammatical concepts from Spanish 1 will be reviewed. New vocabulary and cultural activities will be introduced. New grammatical concepts to be introduced include the following tenses of the indicative mood: preterite, imperfect, compound tenses (perfect tenses and passive voice) and the future.

# WORLD LANGUAGES

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**FLS231, FLS232**

## **NATIVE SPANISH 1**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** Native Spanish speaker.

The main goal for this class is to incorporate the students' heritage language and cultural background to enhance their knowledge in listening, speaking, reading, and writing of their mother tongue. This class is intended for those students who speak Spanish using Basic Interpersonal Communication Skills (BICS) or playground/cafeteria Spanish. An emphasis will be placed on developing the student's academic language or Cognitive Academic Language Proficiency (CALP) using formal/academic language. Language will be developed through reading a variety of topics from magazines, newspapers, and literature and will be expected to develop written/oral abilities by researching and presenting a topic, summarizing, and journaling. Students who expect to become truly bilingual and bicultural will benefit from this course.

**FLS241, FLS242**

## **HONORS NATIVE SPANISH 1**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** C in English Language Arts. Evaluation of written/oral Spanish skills.

The main goal for this class is to incorporate the students' native language and cultural background to enhance their knowledge in listening, speaking, reading, and writing of their mother tongue. This class is intended for those students who speak Spanish using Basic Interpersonal Communication Skills (BICS) or playground/cafeteria Spanish. An emphasis will be placed on developing the student's academic language or Cognitive Academic Language Proficiency (CALP) using formal/academic language. Language will be developed through reading a variety of topics from magazines, newspapers, and literature and will be expected to develop written/oral abilities by researching and presenting a topic, summarizing, and journaling. Students who expect to become truly bilingual and bicultural will benefit from this course. For students highly motivated to cover material in more depth at a quicker pace.

**FLS301, FLS302**

## **SPANISH 3**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** FLS202 or FLS252

Listening, speaking, reading, and writing will continue to be developed. Review of Spanish 1 and 2 vocabulary and grammar will be done. Emphasis in this class will be on conversational Spanish and development of authentic units of vocabulary including: working in office, hospital or doctor's office, restaurant, bank, etc. New cultural themes will be addressed as well as new advanced grammar including: the imperative mood (command form) and the present subjunctive.

**FLS311, FLS312**

## **AP SPANISH**

**1 Year, 0.50 credit per semester**

**School:** Eisenhower

**Requirement Met:** Elective

**Prerequisite:** Full second year

This course is designed for students who desire a strong foundation in Spanish. All tenses in the indicative mood are studied. The use of the subjunctive and imperative moods are also taught. The student who expects to continue the study of foreign language at the college level, and students who want a strong college preparatory background, will benefit from this course. Students who wish to prepare for the AP exam, which is given after the 4th year of study, will need to take this course. There is a high emphasis on speaking as well as reading and writing. Short stories from many Hispanic cultures will be read and analyzed.

**FLS331, FLS332**

## **NATIVE SPANISH 2**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** FLS232

This class is designed for the native speaker who wishes to improve reading and writing skills. Advanced grammar and literature are studied.

**FLS341, FLS342**

## **HONORS NATIVE SPANISH 2**

**1 Year, 0.50 credit per semester**

**School:** Davis, Eisenhower

**Requirement Met:** Elective

**Prerequisite:** C in FLS242

This course is intended for those students who speak Spanish fluently using Basic Interpersonal Communication Skills or playground/cafeteria Spanish. The students' native language and cultural background will be incorporated to enhance their knowledge in listening, speaking, reading, and writing of their mother tongue. An emphasis will be placed on developing the student's academic language using formal/academic language. Students who expect to become truly bilingual and bicultural will benefit from this course. This course is for students highly motivated to cover material in more depth and at a quicker pace. The course will prepare students to enter Native Spanish IB 3 HL.

# WORLD LANGUAGES

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## FLS361, FLS362

### IB NATIVE SPANISH 3B HL 1A, 1B

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** Elective

**Prerequisite:** FLS342. First year of IB program.

The main emphasis of this class is to encourage students to expand the range and complexity of their receptive, productive, and interactive skills. Students are stimulated to research, present and develop their ideas and opinions on a variety of topics, both orally and in writing. Materials used include a wide selection of written and spoken authentic personal, professional, mass media and at least two literary texts relating to the culture(s) of the target language. All tenses in the indicative mood are reviewed. The use of the present subjunctive mood and imperative moods are taught. Students who expect to become truly bilingual and bicultural will benefit from this course. Students who wish to prepare for the IB exam, which is given on the 4<sup>th</sup> year of study, will need to take this course.

## FLS371, FLS372

### IB SPANISH 3B SL 1A, 1B

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** Elective

**Prerequisite:** FLS202, or FLS252. In IB program. Full second year or Honors Spanish 2. Teacher permission.

Listening, speaking, reading, and writing will continue to be developed. Review of Honor's Spanish 1 and 2 vocabulary and grammar will be done. Emphasis in this class will be on developing the prerequisite knowledge to enter the IB Spanish 4SL class. Advanced grammar will be introduced including: the conditional tense of the indicative mood, the imperative mood (command form) and the present subjunctive of the subjunctive mood. Students will be expected to demonstrate receptive, productive, and oral language skills via IB Diploma Program's reading, writing, and oral activities. Students will gain the pre-requisite knowledge to enter the IB Spanish 3 SL course.

## FLS461, FLS462

### IB NATIVE SPANISH 4B HL 1A, 1B

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** Elective

**Prerequisite:** FLS362. Second year of IB program.

The main emphasis of this class is to encourage students to expand the range and complexity of their receptive, productive, and interactive skills. Students are stimulated to research, present and develop their ideas and opinions on a variety of topics, both orally and in writing. Materials used include a wide selection of written and spoken authentic personal, professional, mass media and at least two literary texts relating to the culture(s) of the target language. All tenses in the indicative mood are reviewed. The use of the present subjunctive mood and imperative moods are taught. Students who expect to become truly bilingual and bicultural will benefit from this course. Students who wish to prepare for the IB exam, which is given on the 4<sup>th</sup> year of study, will need to take this course. Some universities might grant credit if they scored high on the IB exam. Student must check the score requirements with the university of choice.

## FLS471, FLS472

### IB SPANISH 4B SL 1A, 1B

1 Year, 0.50 credit per semester

School: Davis

**Requirement Met:** Elective

**Prerequisite:** FLS372

The main emphasis at this level is to encourage students to increase their ability to speak, read, and write the language through readings on a variety of topics, writing essays and giving presentations and participating in discussions. Materials used include literature, newspaper and magazine articles, music, and film. Students also look at more advanced features of Spanish grammar, but exposure to a wide variety of original materials in the primary emphasis.

# SPECIAL EDUCATION PROGRAMS

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Careful study of the courses listed below and other courses listed in this book will enable a student in Special Education to select courses in accordance with his/her Individual Education Plan (IEP). It should be noted that not all classes listed below will be offered each semester and that different classes may be offered within a classroom at the same time. (Consultation with the Special Education teacher during registration is necessary.)

## Prerequisite

The following courses are available to qualified students.

## Special Education Courses

Enrollment must be arranged through the Special Education case manager.

## Resource Room Courses

|  |   |
|--|---|
| <b>ENGLISH/LANGUAGE ARTS</b> <ul style="list-style-type: none"><li>• ENGLISH 9</li><li>• ENGLISH 10</li><li>• ENGLISH 11</li><li>• ENGLISH 12</li><li>• READING 9</li><li>• READING 10</li><li>• READING 11</li><li>• READING 12</li></ul> | <b>MATHEMATICS</b> <ul style="list-style-type: none"><li>• MATHEMATICS LEVEL 1</li><li>• MATHEMATICS 9</li><li>• MATHEMATICS LEVEL 2</li><li>• MATHEMATICS 10</li><li>• MATHEMATICS LEVEL 3</li><li>• MATHEMATICS 11</li><li>• MATHEMATICS LEVEL 4</li><li>• MATHEMATICS 1, 2</li></ul> |
|--|---|

## Self-contained Courses

|  |   |   |   |
|--|---|---|---|
| <b>ENGLISH/READING</b> <ul style="list-style-type: none"><li>• FUNCTIONAL READING</li><li>• FUNCTIONAL ENGLISH</li></ul>   | <b>MATHEMATICS</b> <ul style="list-style-type: none"><li>• FUNCTIONAL MATHEMATICS</li></ul> | <b>PHYSICAL ED.</b> <ul style="list-style-type: none"><li>• INDIVIDUALIZED PHYSICAL EDUCATION</li></ul> | <b>ELECTIVES</b> <ul style="list-style-type: none"><li>• FUNCTIONAL SOCIAL SKILLS</li></ul> |
| <b>OCCUPATIONAL/CAREER &amp; TECHNICAL EDUCATION</b> <ul style="list-style-type: none"><li>• FUNCTIONAL DAILY LIVING</li><li>• WORK-BASED LEARNING TECH</li><li>• ADAPTIVE VOCATIONAL EXPERIENCE</li></ul> |   |   |   |

# SPECIAL EDUCATION PROGRAMS

## Resource Room Courses

|                       |  |   |
|-----------------------|--|---|
| <b>ENZ101, ENZ102</b> | <b>ENGLISH 9</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> None<br>This full year course emphasizes improvement in broad general areas of reading (theme, plot, characterization) writing (themes, essay tests, book reports), spelling, literature (novel, short story, poetry), and oral presentations. Supplemental reading assignments will enhance the student's social responsibilities and personal growth. <b>Unlike General Education English, the curriculum pace is IEP driven.</b>  | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>ENZ104, ENZ105</b> | <b>READING 9</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> None   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>ENZ201, ENZ202</b> | <b>ENGLISH 10</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> Grade 10<br>This course features an integrated, year-long curriculum of multicultural literature, writing, reading, listening, and speaking. The course celebrates diversity and studies culture in the context of literature. Its activities are carefully sequenced with the preceding and succeeding years' curriculum to provide activities for concurrent growth and contextual use of all phases of the English language. Each high school has texts and reading selections which support the theme of multiculturalism and provide the opportunity for students to explore, reflect, and create in a number of communication styles. <b>Unlike General Education English, the curriculum pace is IEP driven.</b>   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>ENZ204, ENZ205</b> | <b>READING 10</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> Grade 10  | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>ENZ301, ENZ302</b> | <b>ENGLISH 11</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> Grade 10<br>This course features an integrated, year-long curriculum of multicultural literature, writing, reading, listening, and speaking. The course celebrates diversity and studies culture in the context of literature. Its activities are carefully sequenced with the preceding and succeeding and succeeding years' curriculum to provide activities for concurrent growth and contextual use of all phases of the English language. Each high school has texts and reading selections which support the theme of multiculturalism and provide the opportunity for students to explore, reflect, and create in a number of communications styles. <b>Unlike General Education English, the curriculum pace is IEP driven and has more of a focus on basic reading and writing skills.</b> | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>ENZ304, ENZ305</b> | <b>READING 11</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> Grade 11<br>This course is designed to meet reading and/or writing requirements based on a students Individualized Educational Plan (IEP).  | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>ENZ401, ENZ402</b> | <b>ENGLISH 12</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> Grade 11<br>This course features an integrated, year-long curriculum of multicultural literature, writing, reading, listening, and speaking. The course celebrates diversity and studies culture in the context of literature. Its activities are carefully sequenced with the preceding and succeeding years' curriculum to provide activities for concurrent growth and contextual use of all phases of the English language. Each high school has texts and reading selections which support the theme of multiculturalism and provide the opportunity for students to explore, reflect, and create in a number of communications styles. <b>Unlike General Education English, the curriculum pace is IEP driven and has more of a focus on basic reading and writing skills.</b>                | <b>School:</b> Davis, Eisenhower, Stanton |

# SPECIAL EDUCATION PROGRAMS

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**ENZ404, ENZ405**

**READING 12**

1 Year, 0.50 credit per semester

**Requirement Met:** English

**Prerequisite:** Grade 12

**School:** Davis, Eisenhower, Stanton

**MAZ100**

**MATH LEVEL 1**

1 Year, 0.50 credit per semester

**Requirement Met:** Math

**Prerequisite:** Grade 10

Students will work on improving their basic math skills, as well as their fluency of these skills. Although students will be exposed to a diverse amount of content based on need, the skills of adding, subtracting, multiplying and dividing whole numbers will be emphasized. Students will begin working with decimal numbers, with the use of money being a key area of instruction. Students will also begin to gain an understanding of the basics of working with fractions.

**School:** Davis, Eisenhower, Stanton

**MAZ101, MAZ102**

**MATH 9**

1 Year, 0.50 credit per semester

**Requirement Met:** Math

**Prerequisite:** Grade 9

This is an IEP driven math class using the Carnegie Math Curriculum. Students will work on math concepts that include Number sense, Algebraic Thinking and Fractions. This course addresses different learning styles.

**School:** Davis, Eisenhower, Stanton

**MAZ200**

**MATH LEVEL 2**

1 Year, 0.50 credit per semester

**Requirement Met:** Math

**Prerequisite:**

Students will work on improving their basic math skills, as well as their fluency of these skills. Although students will be exposed to a diverse amount of content based on need, the skills of adding, subtracting, multiplying and dividing decimal numbers and fractions will be emphasized. Students will also begin working on some basic pre-algebraskills.

**School:** Davis, Eisenhower, Stanton

**MAZ201, MAZ202**

**MATH 10**

1 Year, 0.50 credit per semester

**Requirement Met:** Math

**Prerequisite:** Grade 9

This is an IEP driven math class using the Carnegie Math Curriculum. Students will work on math concepts that include operations with fractions, mixed numbers and decimals. This course addresses different learning styles.

**School:** Davis, Eisenhower, Stanton

**MAZ300**

**MATH LEVEL 3**

1 Year, 0.50 credit per semester

**Requirement Met:** Math

**Prerequisite:**

**School:** Davis, Eisenhower, Stanton

**MAZ301, MAZ302**

**MATH 11**

1 Year, 0.50 credit per semester

**Requirement Met:** Math

**Prerequisite:** Grade 10

This is an IEP driven math class using the Carnegie Math Curriculum. Students will work on math concept that ratio, proportion, per- cent and integers. This course addresses different learning styles.

**School:** Davis, Eisenhower, Stanton

**MAZ400**

**MATH LEVEL 4**

1 Year, 0.50 credit per semester

**Requirement Met:** Math

**Prerequisite:**

**School:** Davis, Eisenhower, Stanton

**MAZ401, MAZ402**

**MATH 12**

1 Year, 0.50 credit per semester

**Requirement Met:** Math

**Prerequisite:** Grade 11

This is an IEP driven math class using the Carnegie Math Curriculum. Students will work on math concepts that include algebraic problem solving, linear fractions, and number systems. This course addresses different learning styles.

**School:** Davis, Eisenhower, Stanton

# SPECIAL EDUCATION PROGRAMS

## Self-Contained Courses

|               |   |   |
|---------------|---|---|
| <b>ENZ090</b> | <b>FUNCTIONAL READING</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> None<br>Reading and using materials of a functional nature – self-help, appearance, cooking, work, maps, community access, shopping, personal safety, and other areas that will help the student access community services and a productive life. This course is based on a student’s yearly individualized educational plan –IEP.   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>ENZ100</b> | <b>FUNCTIONAL ENGLISH</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> English<br><b>Prerequisite:</b> Grade 12<br>Reading and writing literature (fiction and nonfiction) at the appropriate ability level. The materials include novels, magazine articles, reading programs and other types of sources. Writing is at word, sentence or paragraph level. It also includes using pictures to get meaning without reading and writing his/her own name. Unlike General Education English, the curriculum is IEP driven.  | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>GEZ080</b> | <b>ADAPTIVE VOCATIONAL EXPERIENCE</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Occupational/CTE<br><b>Prerequisite:</b> Grade   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>GEZ090</b> | <b>FUNCTIONAL SOCIAL SKILLS</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b><br><b>Prerequisite:</b> None<br>Students will learn appropriate behavior expectations in the workplace and in public. They will learn how to interact with supervisors, co-workers and the public. They will role-model and practice these skills at school work sites. This course is designed to meet a student’s yearly individualized educational plan –IEP.   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>HFZ090</b> | <b>FUNCTIONAL DAILY LIVING</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Occupational/CTE<br><b>Prerequisite:</b> None<br>This course is designed to meet transitional needs (school to work) that are often recommended in a student’s individualized educational plan-IEP. Examples may include: a work experience at a for profit or non-profit business; Cooking/culinary skills; Learning to live on a budget; Importance of basic hygiene; Learning to live independently; Using city transit; and Learning work place norms.  | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>MAZ090</b> | <b>FUNCTIONAL MATH</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Math<br><b>Prerequisite:</b> None<br>This course is designed to meet beginning or emerging math requirements which are based on a student’s yearly individualized educational plan –IEP.  | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>PHE113</b> | <b>INDIVIDUALIZED PHYSICAL EDUCATION</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b><br><b>Prerequisite:</b> Grade   | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>TEW313</b> | <b>WORK-BASED LEARNING TECH</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Occupational/CTE<br><b>Prerequisite:</b> Grade<br>This course enables a student who is on a individualized educational plan-IEP to experience a real-life work place setting during a portion of a given school day. In order for a student to learn work based skills in a hands on setting the individual could potentially be placed at: Yakima Specialties, Nursing home, Salvation Army, Day Care, Hospital, Mechanic Shop or other business. Student has to be at least 16 years of age, and on some occasions 18 depending on the business. Evaluation and continued placement is based on attendance, a positive work ethic, and meeting basic work place standards. | <b>School:</b> Davis, Eisenhower, Stanton |

## OTHER COURSES & PROGRAMS

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A number of interesting experiences are offered under the title of “School Service Programs.” Students must seek permission for entrance into each of these courses. A number of these experiences may be repeated. However, a student **MAY BE REGISTERED IN AND RECEIVE CREDIT FOR ONLY ONE OF THE SCHOOL SERVICE TITLES PER TERM.** Students registered for the classes listed below will receive either a Pass or Fail instead of a letter grade on their transcript.

A student may earn no more than six service credits in grades 10-12 that will count toward graduation. These credits may be earned grades 11 and 12 with individual exceptions approved at grade 10 for library.

|               |  |   |
|---------------|--|---|
| <b>GEN207</b> | <b>ADVISORY CLASSES</b><br>1 Year, 0.17 credit per semester<br><b>Requirement Met:</b> Elective<br><b>Prerequisite:</b> None<br><b>Davis:</b> GEN108 (Freshman Advisory), GEN208 (Sophomore Advisory), GEN308 (Jr. Advisory) & GEN408 (Sr. Advisory)<br><b>Eisenhower:</b> GEN105 (Freshman), GEN205 (Sophomore), GEN305 (Junior), & GEN405 (Senior Cadet Connection)<br><b>Stanton:</b> GEN106 (Phoenix 9), GEN206 (Phoenix 10), GEN306 (Phoenix 11) & GEN406 (Phoenix 12)<br>The mission of advisory programs is to create an environment where all students can be successful, develop necessary skills to succeed now and in the future and to make informed career pathway and educational decisions. | <b>School:</b> Davis, Eisenhower, Stanton |
| <b>GEN213</b> | <b>LIBRARY ASSISTANT</b>   |   |
| <b>GEN214</b> | <b>ATTENDANCE ASSISTANT</b>  |   |
| <b>GEN215</b> | <b>COUNSELING ASSISTANT</b>  |   |
| <b>GEN216</b> | <b>MAIN OFFICE ASSISTANT</b>   |   |
| <b>GEN217</b> | <b>ASB ASSISTANT</b><br>1 Semester, 0.50 credit<br><b>Requirement Met:</b> Elective<br><b>Prerequisite:</b> Grades 11-12<br>Staff permission Assistants will receive on-the-job training in various areas - directed by staffsupervisor.   | <b>School:</b> Davis all, Stanton some    |
| <b>GEN301</b> | <b>ASB LEADERSHIP</b><br>1 Semester, 0.50 credit<br><b>Requirement Met:</b> Elective<br><b>Prerequisite:</b> Grades 11-12. Elected ASB officer.<br>This is a class designed to assist student leaders in planning ASB meetings, service projects activities, assemblies and all school events. Students must learn to work in groups and carry out job responsibilities directly related to their specific position. A full-year curriculum, developed by WASSP Student Leadership Program, consists of: Communication Skills, Group Processes, Managerial Skills Awareness, and Human Relations.  | <b>School:</b> Eisenhower                 |
| <b>GEN303</b> | <b>RENAISSANCE LEADERSHIP</b><br>1 Year, 0.50 credit per semester<br><b>Requirement Met:</b> Elective<br><b>Prerequisite:</b> None<br>Renaissance Leadership is an acclaimed educational enrichment program that is customized by student members and the school community. Jostens Renaissance® Leadership Program empowers all students with the uplifting energy of awards and accolades that prove to inspire underachieving students and overworked staff. Renaissance Leadership’s goal is to boost GPAs, increase attendance, improve school pride and facilitate growing graduation rates. It is a recognition program that gives students the power to change their school for the better.        | <b>School:</b> Eisenhower                 |
| <b>GEN309</b> | <b>LINK CREW LEADERSHIP</b><br>1 Semester, 0.50 credit<br><b>Requirement Met:</b> Elective<br><b>Prerequisite:</b> Grades 11-12. Computer Application<br>The Link Crew Leadership class goals are to both develop the leadership skills of its participants and provide time to design and implement activities to help current freshmen succeed at Davis. Through the curriculum, students are trained to act as team leaders, motivators, role models, and peer facilitators who provide support to their freshmen “crew” throughout the year.   | <b>School:</b> Davis                      |
| <b>GEX399</b> | <b>TEACHER ASSISTANT</b><br>1 Semester, 0.50 credit<br><b>Requirement Met:</b> Elective<br><b>Prerequisite:</b> Grades 11-12. Staff permission<br>Students will assist teacher in their “home” school building. They will learn filing, record keeping, and other clerical duties and, in some cases, will work directly with students.  | <b>School:</b> Davis, Eisenhower          |



**WE WILL HELP YOU GET THERE!** The Yakima Valley Technical Skills Center is an area career and technical high school devoted to teach specific job skills, knowledge, comprehension, and application of technological concepts. Graduates either enter the job market or continue their education. There are many programs in which students may enroll. Each course is designed around a basic, one-year (three periods-a-day) curriculum with an option for second year of advanced work in most programs.

At **Yakima Valley Technical Skills Center**, our mission is to prepare all students with the skills, knowledge and attitude to successfully advance to the next educational or career level.

All the courses listed below have gone through extensive content review and matched to specific State Essential Academic Learning Standards (EALRs).

***Credit available in these subject areas:***

| Course Name                       | Science | English | Math | Social Studies | Fitness | Fine Arts | Health |
|-----------------------------------|---------|---------|------|----------------|---------|-----------|--------|
| AERIAL VEHICLE OPERATION & DESIGN | ✓       |         | ✓    |                |         |           |        |
| AUTO COLLISION REPAIR             |         |         |      |                |         | ✓         |        |
| AUTOMATION TECHNOLOGY             |         |         | ✓    |                |         |           |        |
| AUTOMOTIVE TECHNOLOGY             | ✓       | ✓       |      |                |         |           |        |
| BUSINESS ADMINISTRATION           |         | ✓       | ✓    |                |         |           |        |
| COMPUTER TECHNICIAN               | ✓       |         |      |                |         |           |        |
| CONSTRUCTION TRADES               |         |         | ✓    |                |         |           |        |
| COSMETOLOGY                       |         |         |      |                |         | ✓         |        |
| CULINARY ARTS                     | ✓       |         | ✓    |                |         |           |        |
| CYBERSECURITY                     |         |         | ✓    |                |         |           |        |
| DENTAL ASSISTING                  | ✓       |         |      |                |         |           | ✓      |
| DENTAL ASSISTING II               | ✓       |         |      |                |         |           |        |
| ELECTRICAL                        |         |         | ✓    |                |         |           |        |
| EMERGENCY MEDICAL SERVICES        |         |         |      |                | ✓       |           |        |
| ENTERTAINMENT MEDIA PRODUCTION    |         | ✓       | ✓    |                |         | ✓         |        |
| LAW ENFORCEMENT                   |         | ✓       |      | ✓              | ✓       |           |        |
| NURSING                           | ✓       |         |      |                |         |           | ✓      |
| PHYSICAL THERAPY TECHNICIAN       | ✓       |         |      |                | ✓       |           | ✓      |
| PRE-MEDICAL ASSISTANT             | ✓       |         |      |                |         |           |        |
| TRANSLATION INTERPRETATION I, II  |         | ✓       |      |                |         |           |        |

## ENROLLMENT INFORMATION

| HIGH SCHOOL  | HOME SCHOOL  |
|--|--|
| High school students enroll through their home high school counselor. Students earn three annualized credits per year. Classes are three periods per day, for a full year. There is no tuition cost for high school students. Check out their website at <a href="https://www.yvtech.com/">https://www.yvtech.com/</a> . | Home school students may enroll tuition free.  |
| GED  | ADULT/COLLEGE  |
| Students who are working on their GED or have obtained a GED and are under the age of 21 may enroll in the Skills Center. There is no tuition cost for eligible GED students.  | Adult/College students enroll through Yakima Valley College. The enrollment process begins with an interview with the class instructor. Telephone the Skills Center office at (509) 573-5500 for an appointment. Students pay tuition and lab fees as required by YVC. Students earn ten (10) college credits per quarter or thirty (30) credits per year. Programs available to adult students are Dental Assisting and Entertainment and Media Production. |

# YV-TECH

## SKA311, SKA411

College Credit Available

### AUTO COLLISION REPAIR I, II

2 year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective

Prerequisite: None

#### Auto Collision Repair

- Restore a variety of damaged vehicles by applying advanced techniques of metal fabrication and refinishing
- Operate advanced collision repair and painting equipment alongside industry professionals
- Assess, estimate, repair, and refinish a wide range of vehicles

**CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education

**CERTIFICATIONS • INTERNSHIPS • COLLEGE CREDIT**

Sessions are: 8-10:30 am & 12-2:30 pm, Monday-Friday.

## SKC311, SKC411

### CONSTRUCTION TRADES I, II

1 Year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Geometry or 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

Prerequisite: None

#### Construction Trades

- Work alongside industry professionals in all aspects of architecture and building, including: foundation, framing, roofing, and interior and exterior finishing
- Operate professional equipment and power tools
- Work individually and in teams to design and construct products and structures for the community

**CAREER FOCUS:** Prepared for immediate employment, apprenticeship, and further education

**PRE-APPRENTICESHIP • CERTIFICATIONS • GEOMETRY CREDIT**

Sessions are: 12-2:30 pm, Monday-Friday & 3-6 pm, Monday – Thursday.

## SKD311

College Credit Available

### DENTAL ASSISTING I

1 Year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective, .5 Cr. Health

Prerequisite: None

#### Dental Assisting I

- Deliver high-quality patient dental care through advanced clinical experiences in a variety of professional settings
- Perform a wide range of dental office procedures including digital x-rays, chairside assisting, instrument transfer, and preparation of alginate impressions
- Develop a passion to educate children and adults on the importance of oral health and hygiene

**CAREER FOCUS:** Prepared for dental assisting state registration, certified dental assistant license, and immediate employment

**CLINICAL INTERNSHIPS • CERTIFICATIONS • COLLEGE CREDIT**

Sessions are 8-10:30 am & 12-2:30 pm, Monday – Friday.

## SKD501

College Credit Available

### DENTAL ASSISTING II

1 Year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

Prerequisite: Grades 11-12.

- ❖ Master specialty areas of dentistry; restorative procedures, intra-oral radiographs, safety standards, and regulations
- ❖ Perform a wide range of dental office procedures and educate patients on the importance of oral health and hygiene
- ❖ Acquire the skills for delivery of quality oral health as valuable members of the dental care team

**Career Focus:** Prepared for state licensure, advanced certifications, and further education

**Extras:** WA State registration, clinical internships, certifications

# YV-TECH

## SKE311, SKE411

College Credit Available

### COMPUTER TECHNICIAN I, II

1 Year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective

Prerequisite: None

- ❖ Perform technical procedures to maintain computer systems, troubleshoot errors, maintain internet connectivity, run diagnostic tests, maintain servers, repair computer hardware, and provide technical support.
- ❖ Manage security options and software in computers and networks to maintain privacy and protection from attacks
- ❖ Use client management tools effectively to maintain workstations and servers.

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Certifications, internships, college credit

## SKE312, SKE412

### WELDING I, II

1 Year, 0.50 credit per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

Prerequisite: None

#### Welding

- Manipulate the power of fire and electricity to design and construct metal products
- Use advanced welding processes and fabrication equipment to join, cut, bend, and manipulate metal for industrial and artistic applications
- Work independently and in teams to design, build, and repair a wide range of projects

**CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education

**CERTIFICATIONS • COLLEGE CREDIT • SCHOLARSHIPS**

## SKE313, SKE413

### CYBERSECURITY I, II

1 Year, 0.50 credit per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

Prerequisite: None

#### Cybersecurity

- Perform advanced technological procedures in the areas of intrusion detection, filtering malicious content, and disaster recovery
- Configure, install, and manage data networks, servers, firewalls, remote access, and wireless technologies
- Program in a variety of advanced languages that can be applied to various web and mobile technology platforms

**CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education

**CERTIFICATIONS • INTERNSHIPS • COLLEGE CREDIT**

## SKE320, SKE420

### ELECTRICAL I, II

2 year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

Prerequisite: None

#### Electrical

- Control electricity that powers the modern world
- Design and install traditional and alternative energy systems for industrial, commercial, and residential buildings
- Stage and connect electrical wiring for power systems, motor control systems, and programmable logic controllers

**CAREER FOCUS:** Prepared for immediate employment, apprenticeship, advanced certifications, and further education

**PRE-APPRENTICESHIP • CERTIFICATIONS • COLLEGE CREDIT**

## SKF321, SKF421

### CULINARY ARTS I, II

2 year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective, .25 Cr. Algebra 1

Prerequisite: None

#### Culinary Arts

- Craft amazing and fun foods using flames, knives, and creative chemistry
- Cook alongside professional chefs in modern commercial kitchens preparing local, regional, and international cuisine
- Express creativity as part of a team that designs menus, prepares meals, organizes catered events, and develops unique dining experiences

**CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education

**CERTIFICATIONS • COLLEGE CREDIT • INTERNSHIPS**

Sessions are 8-10:30 am & 12-2:30 pm, Monday – Friday.

## SKF500

College Credit Available

### HOSPITALITY & TOURISM MANAGEMENT

1 Year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective

Prerequisite: Grades 11-12

- ❖ Team with hospitality professionals to provide high-quality customer service, event planning, and catering support
- ❖ Manage profit enhancing sales and merchandising plans for hospitality, tourism, recreation, and the entertainment industry
- ❖ Express creativity as part of a team in the planning, organizing and hosting of organized events

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Internship, certifications, college credit

## SKI301, SKI401

College Credit Available

### TRANSLATION INTERPRETATION I, II

1 Year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Elective

Prerequisite: Must have strong command of English and Spanish. Grades 11-12

- ❖ Students build upon their knowledge of both Spanish and English and gain the ability to produce fluent, accurate, and effective translations between the two languages
- ❖ Prepare for Spanish-English and English-Spanish translation of a wide range of texts and materials: literary, legal, medical, business, commercial, and more
- ❖ Serve the community to increase your understanding of the social, cultural, and ethical complexities of the role of interpreters and translators.

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

**Extras:** Certifications, internships, college credit

## SKJ311, SKJ411

### COSMETOLOGY I, II

2 year, 1.50 credits per semester

School: YV-Tech

Requirement Met: 1.0 Cr. Occupational/CTE, 1.0 Cr. Fine Arts, 1.0 Cr. Elective

Prerequisite: None

#### Cosmetology

- Express individual creativity by providing a wide range of artistic hair, nail, skincare, and barbering services using the latest technology, trends, and name-brand products
- Explore all aspects of quality salon services and management alongside professional cosmetologists
- Work in the theater, film, and advertising fields as a make-up, hair, or nail artist.

**CAREER FOCUS:** Prepared for state licensure, immediate employment, advanced certifications, and further education

**CERTIFICATIONS • INTERNSHIPS • SCHOLARSHIPS**

# YV-TECH

## SKL311, SKL411

College Credit Available

### BUSINESS ADMINISTRATION I, II

1 Year, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective, .5 Cr. English 12

**Prerequisite:** None

#### Business Administration

- Explore various types of businesses, accounting applications, and strategies for sound financial management
- Use advanced computer applications, prepare legal and medical documents, and manage office and marketing operations
- Create, format, and finalize records in support of high-quality client and patient care in a wide range of professional environments

**CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education

**INTERNSHIPS • CERTIFICATIONS • COLLEGE CREDIT**

## SKL320, SKL420

College Credit Available

### LAW ENFORCEMENT I, II

1 Year, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fitness, 1.0 Cr. Elective, .25 Cr. Social Studies, .25 Cr. English

**Prerequisite:** None

#### Law Enforcement

- Perform law enforcement operations such as arrests, SWAT, police car maneuvers, interrogation, and threat assessment
- Apply forensic investigative techniques to process crime scenes, dust for fingerprints, analyze blood spatter, perform ballistic tests, and bag evidence
- Analyze the causes and effects of criminal behavior and delinquency

**CAREER FOCUS:** Prepared for immediate employment and further education

**COLLEGE CREDIT • PE CREDIT • CERTIFICATIONS**

**Sessions are: 8-10:30 am and 12-2:30 pm, Monday – Friday.**

## SKM200, SKM300

College Credit Available

### PHYSICAL THERAPY TECHNICIAN I, II

1 year, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Fitness, 1.0 Cr. Elective, .5 Cr. Health

**Prerequisite:** None

#### Physical Therapy Technician

- Utilize advanced fitness and therapeutic wellness resources as used by rehab professionals
- Prevent, evaluate, and rehabilitate injuries while consulting and interacting with medical professionals
- Assist patients in regaining gross motor skills such as walking, balancing, and activities of daily living

**CAREER FOCUS:** Prepared for state licensure, immediate employment, advanced certifications, and further education

**CERTIFICATIONS • COLLEGE CREDIT • INTERNSHIP**

**Sessions are: 8-10:30 am and 12-2:30 pm, Monday– Friday.**

## SKM311, SKM312

College Credit Available

### NURSING

1 Year, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. Elective, .5 Cr. Health

**Prerequisite:** None

#### Nursing

- Deliver high-quality patient care as a critical member of a professional healthcare team in a wide range of clinical settings
- Experience the joy and satisfaction of helping others with activities of daily living in long-term care settings, hospitals, and other healthcare facilities
- Apply advanced health care concepts, processes, and diagnostic procedures

**CAREER FOCUS:** Prepared for state Nursing Assistant Certified licensure, immediate employment, and further education

**CLINICALS • COLLEGE CREDIT • CERTIFICATIONS**

**Sessions are: 8-10:30 am and 12-2:30 pm, Monday – Friday.**

## SKM600

College Credit Available

### PRE-MEDICAL ASSISTANT I

1 Year, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Lab Science, 1.0 Cr. Elective

**Prerequisite:** Pass Biology. Grades 11-12

- ❖ Perform administrative and clinical tasks, such as maintaining patient records, preparing patients and rooms for examination, assisting physicians with exams, and performing front-desk tasks
- ❖ Serves and protects the practice by adhering to professional standards; facility policies and procedures; and federal, state, and local requirements
- ❖ Deliver high-quality patient care for examination by performing preliminary physical tests; taking blood pressure, weight, temperature; and reporting patient history summary

**Career Focus:** Prepared for advanced certification and additional education

**Extras:** Certifications, clinical internship, college credit

## SKR312, SKR412

College Credit Available

### AERIAL VEHICLE OPERATION & DESIGN I, II

2 year, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. English 12, 1.0 Cr. Elective

**Prerequisite:** None

#### Aerial Vehicle Operation & Design

- Visualize, design, and construct 3D models and airframes for critical flight missions
- Apply emerging technologies in agriculture, public safety, marketing, engineering, and surveying
- Work with clients and industry leaders on mission planning, flight operations, and analysis

**CAREER FOCUS:** Prepared for immediate employment, advanced certifications, and further education

**FAA LICENSURE • CERTIFICATIONS • INTERNSHIPS**

## SKR313, SKR413

### AUTOMATION TECHNOLOGY I, II

1 Year, 0.50 credit per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. 3<sup>rd</sup> Yr. Math, 1.0 Cr. Elective

**Prerequisite:** None

#### Automation Technology

- Repair, maintain, and operate advanced automated control systems needed in a wide range of industries
- Produce unique automated solutions from concept to completion
- Work daily with the professional equipment and techniques used in high-demand industries

**CAREER FOCUS:** Prepared for immediate employment, apprenticeship completion, advanced certifications, and further education

**APPRENTICESHIPS • CERTIFICATIONS • COLLEGE CREDIT**

## SKS311, SKS411

College Credit Available

### EMERGENCY MEDICAL SERVICES I, II

1 Years, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Fitness, 1.0 Cr. Elective

**Prerequisite:** None

- ❖ Pursue rewarding careers in Emergency Medical Services such as Emergency Medical Technician, Paramedic, ER Technician, Firefighter, or many other medical and public service related careers
- ❖ Learn to respond and help people in times of crisis, responding to emergency situations regarding medical issues, traumatic injuries, accident scenes or when disaster strikes
- ❖ Instill the values and character traits that reflect the proud legacy of emergency medical services

**Career Focus:** Prepared for state licensure, advanced certifications, and further education

**Extras:** Certifications, job shadows, college credit

# YV-TECH

## SKT311, SKT411

College Credit Available

### ENTERTAINMENT MEDIA PRODUCTION I, II

1 Year, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Geometry or 3<sup>rd</sup> Yr. Math, 1.0 Cr. Fine Arts, 1.0 Cr. Elective, .5 Cr. English 11, or 12

**Prerequisite:** None

#### Entertainment Media Production

- Express your creative and artistic talents using professional media equipment and techniques
- Develop, produce, and present unique video and audio content for online, mobile, and streaming platforms
- Create a professional portfolio to showcase your talents

**CAREER FOCUS:** Prepared for immediate employment and further education

**ART & ENGLISH CREDIT • COLLEGE CREDIT • INTERNSHIPS**

## SKU311, SKU411

College Credit Available

### AUTOMOTIVE TECHNOLOGY I, II

2 year, 1.50 credits per semester

School: YV-Tech

**Requirement Met:** 1.0 Cr. Occupational/CTE, 1.0 Cr. Lab Science, 1.0 Cr. English 12, 1.0 Cr. Elective

**Prerequisite:** None

#### Automotive Technology

- Diagnose, repair, and maintain a wide range of vehicles alongside ASE Master Technicians in a full-service ASE accredited professional training facility
- Use modern diagnostic and repair equipment to troubleshoot complex automotive systems
- In-Depth study and practice on the eight major areas of automotive technology

**CAREER FOCUS:** Prepared for immediate employment, apprenticeship completion, advanced certifications, and further education

**CERTIFICATIONS • COLLEGE CREDIT • APPRENTICESHIPS**

Check in the spring to see which courses are being offered this summer!

## SUMMER SCHOOL OPPORTUNITIES (SUBJECT TO CHANGE IN RESPONSE TO COVID-19)

- AERIAL VEHICLE OPERATION & DESIGN
- AUTO COLLISION REPAIR
- AUTOMOTIVE TECHNOLOGY
- AUTOMATION TECHNOLOGY
- BUSINESS ADMINISTRATION
- CONSTRUCTION TRADES
- COSMETOLOGY
- LAW ENFORCEMENT
- CULINARY ARTS
- CYBERSECURITY
- DENTAL ASSISTING
- ELECTRICAL
- ENTERTAINMENT MEDIA PRODUCTION
- EMERGENCY MEDICAL SERVICES
- NURSING
- PHYSICAL THERAPY TECHNICIAN

# YAKIMA ONLINE



**Yakima Online** will help you achieve your goal of receiving a Yakima School District high school diploma. Yakima Online offers middle and high school students online courses. We offer breakfast, lunch, city bus tickets and curriculum for grades 6-12 students up to age 21. A physical site is provided with two computer labs on the YV-Tech site.

## Yakima Online Offers:

- Student access to *flexible, interactive online classes 24/7*
- *Rigorous, state approved, common core aligned curriculum*
- An online classroom with *no distractions* or peer pressure
- Teacher, counselor, administrative *support*
- We offer and require a *weekly meeting, monthly progress evaluation, and intervention plans*
- *Midterms and Finals* are proctored by our teachers
- A *quiet place* to meet the minimum requirement of 27.75 hours of on task computer time
- **Online Concept Coaching** Monday through Saturday, from 5-8:00 p.m.
- Yakima School District *Diploma*

Whether you are a student who learns better in a computerized, technical setting rather than in a traditional setting or you want to accelerate your learning, **Yakima Online** can help you reach your graduation goals!

## Yakima Online Courses Offered

|   |   |  |  |
|---|---|--|--|
| <p><b>ENGLISH/LANGUAGE ARTS</b></p> <ul style="list-style-type: none"> <li>• ENGLISH 9A, 9B</li> <li>• ENGLISH 10A, 10B</li> <li>• ENGLISH 11A, 11B</li> <li>• ENGLISH 12A, 12B</li> </ul>  | <p><b>MATH</b></p> <ul style="list-style-type: none"> <li>• ALGEBRA 1A, 1B</li> <li>• GEOMETRY A, B</li> <li>• ALGEBRA 2A, 2B</li> <li>• FINANCIAL MATH A, B</li> <li>• PRE-CALCULUS A, B</li> <li>• TRIGONOMETRY (1 SEM.)</li> <li>• CONCEPTS IN PROBABILITY &amp; STATISTICS</li> <li>• MATH MODELS &amp; APPLICATIONS</li> </ul> | <p><b>SCIENCE</b></p> <ul style="list-style-type: none"> <li>• PHYSICAL SCIENCE A, B</li> <li>• ENVIRONMENTAL SCIENCE A, B</li> <li>• BIOLOGY A, B</li> <li>• CHEMISTRY A, B</li> <li>• PHYSICS A, B</li> </ul>  | <p><b>SOCIAL STUDIES</b></p> <ul style="list-style-type: none"> <li>• WA STATE HISTORY</li> <li>• HUMAN GEOGRAPHY A, B</li> <li>• MODERN WORLD HISTORY A, B</li> <li>• US HISTORY A, B</li> <li>• CONTEMPORARY WORLD PROBLEMS</li> <li>• ECONOMICS</li> <li>• CIVICS</li> </ul>  |
| <p><b>HEALTH/PE</b></p> <ul style="list-style-type: none"> <li>• CONTEMPORARY HEALTH (W/ SEX ED)</li> <li>• ADAPTIVE PE</li> <li>• COMPREHENSIVE PE</li> <li>• ADVANCED PE 1, 2</li> </ul>  | <p><b>ART</b></p> <ul style="list-style-type: none"> <li>• ART HISTORY I</li> <li>• INTRO TO ART</li> <li>• DIGITAL PHOTOGRAPHY I: CREATING IMAGES WITH IMPACT!</li> <li>• DIGITAL PHOTOGRAPHY II: DISCOVERING YOUR CREATIVE POTENTIAL</li> <li>• MUSIC APPRECIATION</li> <li>• DIGITAL ARTS I, II</li> </ul>                       | <p><b>WORLD LANGUAGE</b></p> <ul style="list-style-type: none"> <li>• SPANISH 1A, 1B</li> <li>• SPANISH 2A, 2B</li> <li>• SPANISH 3A, 3B</li> <li>• FRENCH 1A, 1B</li> <li>• FRENCH 2A, 2B</li> <li>• FRENCH 3A, 3B</li> <li>• GERMAN 1A, 1B</li> <li>• GERMAN 2A, 2B</li> <li>• CHINESE 1A, 1B</li> <li>• CHINESE 2A, 2B</li> </ul> | <p><b>ELECTIVES</b></p> <ul style="list-style-type: none"> <li>• PSYCHOLOGY</li> <li>• SOCIOLOGY</li> <li>• STRATEGIES FOR ACADEMIC SUCCESS</li> <li>• EARLY CHILDHOOD EDUCATION</li> <li>• FORENSIC SCIENCE I: SECRETS OF THE DEAD</li> <li>• FORENSIC SCIENCE II: MORE SECRETS OF THE DEAD</li> <li>• CREATIVE WRITING</li> <li>• ASTRONOMY: EXPLORING THE UNIVERSE</li> </ul> |
| <p><b>OCCUPATIONAL/CAREER &amp; TECHNICAL EDUCATION (CTE)</b></p> <ul style="list-style-type: none"> <li>• CAREER EXPLORATIONS</li> <li>• COMPUTER APPLICATIONS OFFICE 2010</li> <li>• ACCOUNTING</li> <li>• ADVERTISING &amp; SALES PROMOTION</li> </ul> |   |  |  |