



# Forecasting Guide

2019-2020



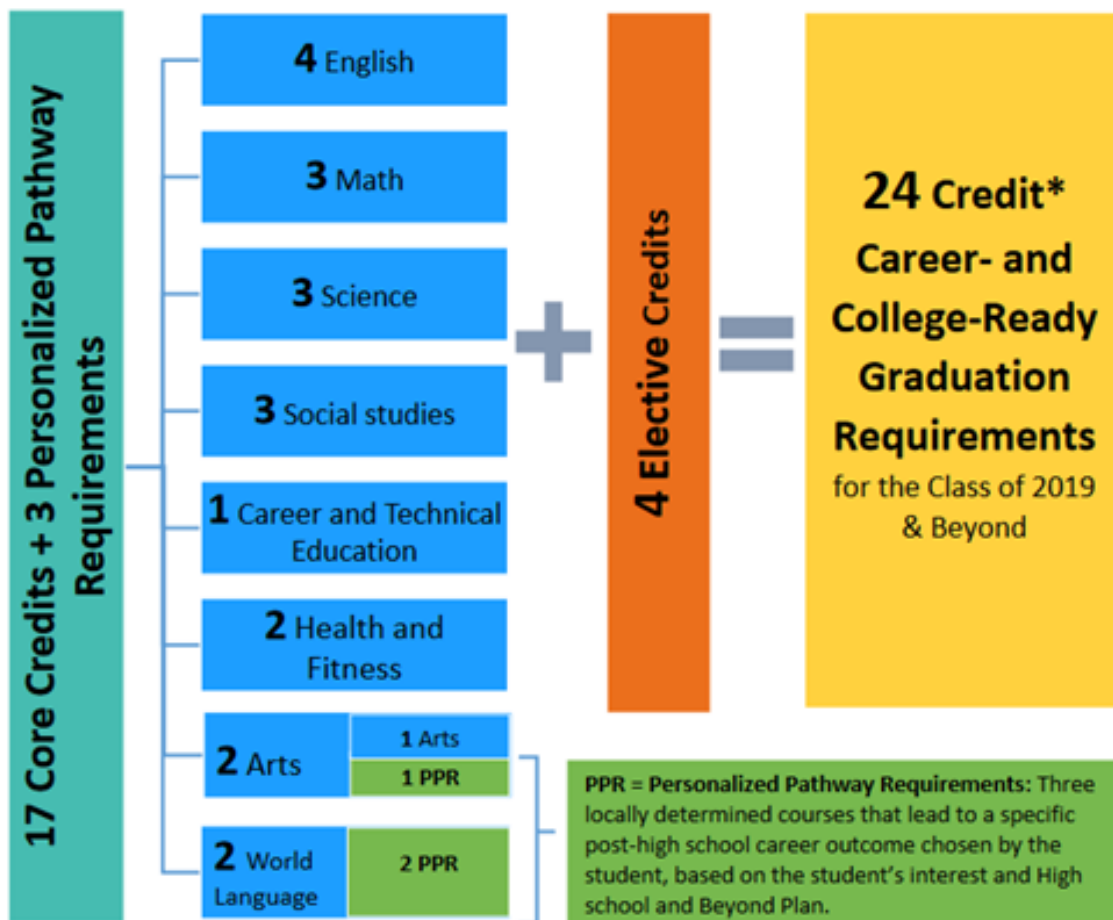
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## GRADUATION REQUIREMENTS

$$17 + 3 + 4 = 24$$



<b>CHS Graduation Requirements</b>			
<b>English</b>	<b>4 credits</b>	9th, 10th, 11th, 12th	<b><u>State Assessment Requirements:</u></b> <input type="checkbox"/> <b>Math SBA</b> <input type="checkbox"/> <b>ELA SBA</b> <input type="checkbox"/> <b>Science (class of 2021 &amp; beyond)</b>
<b>Math</b>	<b>3 credits</b>	Algebra I, Geometry, Algebra II	
<b>Science</b>	<b>3 credits</b>	Physical Science, Biology, 3rd Year elective science	
<b>Social Studies</b>	<b>3 credits</b>	World History, U.S. History, CWI	
<b>Career &amp; Tech Ed. (CTE)</b>	<b>1 credit</b>	College & Career Readiness, CTE Elective	
<b>Health</b>	<b>0.5 credit</b>	Health	<b><u>Additional Graduation Requirements:</u></b> <input type="checkbox"/> <b>WA State History (taken in 7<sup>th</sup> grade)</b> <input type="checkbox"/> <b>Senior Project</b> <input type="checkbox"/> <b>High School &amp; Beyond Plan</b>
<b>Physical Education</b>	<b>1.5 Credits</b>	9th Grade Life Fitness, 1.0 credit P.E. electives	
<b>World Language OR PPR Electives</b>	<b>2 credits</b>	2 years of same World Language OR 2 years of PPR electives	
<b>Fine Arts OR 1 Art &amp; 1 PPR</b>	<b>2 credits</b>	2 years of Art OR 1 Art + 1 PPR	
<b>General Electives</b>	<b>4 credits</b>	Any 4 credits of electives	
<b>Total Credits: 24</b>			

## **COLLEGE ADMISSIONS**

Students planning on attending a four-year college or university are encouraged to research entry requirements directly with the institution. The requirements given below are for Washington State public four-year college/university freshman admission.

**English** – 4.0 credits – Pre-AP and AP level English classes are highly recommended

**Mathematics** – 3.0 credits – Algebra I, Geometry and Algebra II are required/higher levels are strongly recommended

**Social Studies** – 3.0 credits – A minimum of three years of Social Studies is required/AP level recommended

**Science** – 3.0 credits – Biology, Chemistry or Physics are suggested, AP highly recommended

**World Language** – 2.0 credits – Two years of one language – additional years highly recommended for highly selective colleges

**Fine, Visual or Performing Arts** – 1.0 credit – Acceptable classes for Art credit are listed in this guide

**Additional requirement for entry into Washington State four year colleges: Students must take either Math or Algebra based Science during their Senior year.**

- ✓ **P.S.A.T.** = Junior year (given only once in mid-October) – Good practice for the S.A.T. and to qualify for National Merit Scholarships. Freshmen and Sophomores may also take the test for practice.
- ✓ **S.A.T. or A.C.T.** = Junior year or early Senior year – ( Tests offered many times during the year). Either test accepted for college admission
- ✓ **FAFSA** = Senior year – The FAFSA is the gatekeeper for all forms of financial aid which includes grants, work study, scholarships and student loans. The priority window is between October 1st and December 1st and colleges will use this information for creation of a financial aid package. Students and families may access the application online via [www.fafsa.gov](http://www.fafsa.gov)
- ✓ **College Admission** – Senior year –Students can apply for the school(s) of their choice. Official Transcripts can be acquired through Parchment Services. Students can learn more about these processes on the CHS website or by visiting their CHS School Counselor.
- ✓ **N.C.A.A.** = Senior year – Student athletes need to apply to the NCAA Clearinghouse to qualify for participation in college athletics.

## **ADVANCED PLACEMENT CLASSES**

CHS offers Advanced Placement classes that are certified by the College Board. Through college-level AP courses, students . Through AP Exams, you have the opportunity to earn credit or advanced standing at most of the nation's college and universities. AP courses are available for 9th through 12th grade students. The only requirements are a strong curiosity about the subject you plan to study and a willingness to work hard. Just a few reasons to sign up: Gain the edge in college preparation, stand out in the college admissions process, and broaden your intellectual horizons.

Pre-AP classes are offered at CHS to 9th and 10th graders in the subject area of English. Students are not required to take and pass Pre-AP classes in order to enroll in AP courses. Pre-AP classes are challenging and require students to be willing and able to work hard.

Because of the rigorous curriculum offered and increased work/study requirements, all students enrolling in AP courses will review and sign the AP Acknowledgement form. A copy of this form can be accessed at [bit.ly/APacknowledge](http://bit.ly/APacknowledge) or with the CHS Counseling secretary. Students registering for a significant number of AP courses are required to meet with their counselor prior to enrollment.

### **What is special about AP classes?**

- Skills developed in AP classes prepare students for college courses
- Discussions are challenging, engaging, probing and intellectual
- AP students are taught to how to think, read and write critically. Teaching students to evaluate and interpret challenging primary source texts is a crucial AP component
- AP classes teach students to analyze, interpret, reason, and understand their subject from multiple perspectives

### **What are the benefits of taking AP?**

- AP classes are highly regarded by universities and college admission officers

- AP success is directly correlated to success at the university level. Students who succeed in AP generally excel at the university level
- AP prepares students for the rigors of college. Many students feel confident and ready to enter college after AP; many say college is easier
- Many CHS AP teachers give students who score a 4 or 5 on the test and have no missing assignments a grade bump in the course
- AP grades at CHS are factored in the class rank calculation on a five point scale

#### **Who should enroll in AP courses?**

- AP is open to any student from any background
- AP is not necessarily right for everyone
- Students who are disciplined, curious, and have a strong desire to work hard and learn at deep levels find success in AP
- AP is for students who want to learn in a challenging and rigorous environment that is a college level course
- AP is for students who love to learn and may have a career pathway in the content area

We offer the following Advanced Placement (AP) classes. College bound students are encouraged to take advantage of these classes and perhaps gain college credit through AP exams. Classes are offered based on student forecasting numbers.

AP English Lang 11	AP Statistics	AP Chemistry
AP English Lit 12	AP Spanish	AP Physics
AP World History	AP Human Geography	AP Physics C
AP US History	AP Gov't & Politics 12	AP Economics
AP Psychology	AP Comp Gov/Pols 12	AP Macroeconomics
AP Studio Art	AP Digital Photography	AP Computer Science
AP Calculus AB	AP Biology	
AP Calculus BC	AP Environmental Sci	

#### **ADVANCED PLACEMENT CLASSES AND CLASS RANK**

Advanced Placement grades at Camas High School are factored in the class rank on a five point scale. Rationale: Class rank is one factor considered in admission to selective colleges. This allows us to encourage students to take college level courses and alleviate some of their concern that these classes will adversely affect their class rank.

# **CENTRAL WASHINGTON UNIVERSITY CORNERSTONE**

## **Program Through Camas High School**

This program is intended to provide students a course option consisting of attendance in the high school while simultaneous earning of university credit. Students earn grades as they would in the regular high school class through assignments and assessments and the granting of college credit is not dependent on one final assessment. Some courses require students take a CWU final at the end of each semester.

### **Who is eligible?**

- Students in grades 10-12 have a right granted by the State Legislature to participate in Dual Credit classes. Students may take any class for which they are eligible. However, some courses have prerequisites that must be met either by placement tests (Accuplacer taken here at CHS, Smarter Balanced Assessments), or successfully passing previous coursework. There is a \$15 fee for Accuplacer exams.

### **What are the benefits of Cornerstone?**

- Significant Financial savings: Saving thousands on future university tuition (the cost of each college credit through this program is only \$55 compared to \$375+ per credit on the college campus) and students are billed directly through Central Washington University
- College credit from CWU is granted at the same time as high school graduation requirements are being met.
- Student may be ready for a more rigorous academic experience
- Students earn university credit while still involved on their high school campus (services, support, safety)
- Schedule follows high school calendar, unlike Running Start programs where a student may have competing schedules off-campus

### **Important Considerations**

- Grades become part of student's permanent record and grades will forever be on your college transcript
- College Credit may or may not be transferable to other college programs - check with college of choice to make certain, especially out-of-state institutions.

Please Note: Students register for the CHS classes during Forecasting Week and are enrolled for CWU credit at the beginning of each semester in their high school classes.

### **Classes offered in the CWU Cornerstone Program -CWU COLLEGE CREDIT OPTION -**

History of War = (Military History) **CWUHIS (5 college credits/sem)**

English 11 = **CWUEN1 & CWUEN2 (4 college credits/sem)**

English 12 = **CWUEN3 & CWUEN4 (5 college credits for the year)**

Pre-Calculus = **CWUMH1 & CWUMH2 (5 college credits/sem)**

Linear Algebra/Multivariable Calculus = **CWUMH3 & CWUMH4 ( up to 15 college credits)**

Bodyworks = **CWU-PE (1 college cr, sem 1) & CWUHED (4 col. crs. sem 2- must have PEF110)**

AP Environmental Science = **ENST201 & ENST 202 (5 college credits/sem)**

AP Physics 1 = **CWUSC1 & CWUSC2 (5 college credits)**

## **PERSONALIZED PATHWAY**

The Personalized Pathway is intended to provide students the option of exploring more deeply a pathway oriented toward specific post-high school career or educational goals.

### **Definition of a Personalized Pathway**

- A sequence of courses, chosen by you, that prepare you to meet your graduation requirements and specific post-high school educational goals.
- Created in collaboration between you, your parent/guardian, school counselor, advisor, or teacher.
- Linked to your High School and Beyond Plan.
- The Personalized Pathway allows you to choose courses to meet four year graduation requirements and can replace up to three credits, 1.0 of Fine Art and/or 2.0 credits of World Language.
- These three choices, along with four electives and seventeen core courses complete your 24 credits needed for high school graduation.

### **What are the benefits of a Personalized Pathway?**

- The Personalized Pathway allows students the option of taking a longer sequence of courses within an area of interest or passion.
- An increase the relevance and impact of a student's high school education by allowing more choice and freedom in course selection.
- Technical skill attainment specific to your chosen post-high school plan.

## **TWO-FOR-ONE EQUIVALENCY CREDIT COURSES**

Two-for-one equivalency credit courses at CHS are able to satisfy two graduation requirements simultaneously. For example, if a student passed a 0.5 credit Digital Photography class, they would only get the 0.5 credit once, but meet a 0.5 Art and 0.5 CTE credit simultaneously, therefore, opening up another 0.5 of elective credit for students to use as they wish. The purpose is to create flexibility for students to choose more elective courses or to address other graduation requirements. The following table lists current two-for-one equivalency courses:

<b>Course Code</b>	<b>Course Title</b>	<b>Career &amp; Tech Ed</b>	<b>Equivalent Graduation Requirement</b>	<b>Credit</b>
ART904	Digital Photography	CTE	Art	0.5
ART906	Advanced Digital Photography	CTE	Art	0.5
ARTAP1, ARTAP2	AP Digital Photography	CTE	Art	1.0



ART301, ART302	Website Design	CTE	Art	0.5 or 1.0
ART900	Digital Drawing	CTE	Art	0.5
ART503	Advanced Digital Drawing	CTE	Art	1.0
TEC161, TEC162	Graphic Design	CTE	Art	1.0
TEC205, TEC206	Filmmaking	CTE	Art	1.0
ENG401, ENG402	Journalism & Newspaper	CTE	Art (if taken all 4 years)	1.0
TEC225, TEC226	Engineering CAD / Architectural Design	CTE	Art	1.0
MTH41A, MTH41B	Geometry Applications	CTE	Math	1.0
BUS200, BUS201	Financial Fitness	CTE	3rd Year Math	1.0
TEC403, TEC404	AP Computer Science	CTE	3rd Year Math or Lab Science	1.0
BUS301, BUS302	AP Economics	CTE	Contemporary World Issues if taken Senior Year	1.0
MRK321, MRK322	AP Macroeconomics	CTE	Contemporary World Issues if taken Senior Year	1.0
MST101, MST102 MST111, MST112 MST121, MST122	Introduction to Engineering / MST Research (MST students only)	CTE	Lab Science (Physics)	1.0
ASL102, 202, 302	ASL 1, 2, 3	CTE	World Language	1.0

## **BUSINESS & MARKETING**

All business classes are open to males and females without restrictions. Leadership skills and study skills curriculum will be incorporated into each class. Credits apply toward Career and Tech Ed. /Tech requirements. Majors: Finance; Marketing; Advertising; Family and Personal Management; Business Communication; Technical Communication

### **INTRODUCTION TO BUSINESS**

Course Code: BUS601  
 Credit: .50 (Semester) Career and Tech Ed. , Elective  
 Prerequisite: None

Introduction to Business focuses on the general study of business, including the processes of buying and selling of goods and services, managing and producing of products, and promotion of goods as used within profit-making and non-profit businesses. This course will prepare individuals to apply business principles and techniques to various Career and Tech Ed. settings.

### **BUSINESS SPORTS MANAGEMENT**

Course Code: BUS105  
 Credit: .50 (Semester) Career and Tech Ed. , Elective  
 Prerequisite: At least Sophomore standing

This semester course will give students an inside look into careers and functions within the Sports and Entertainment Industry. Students will study the following areas related to Sports Management: the sports and entertainment business as an occupation and industry, the management function, best practices, economics, sponsorship, licensing, marketing, law, ethics, and social issues in sport. The course will also provide a discussion of the many segments of the sport industry, to include intercollegiate athletics, professional sports, international sports, and high school athletics. Leadership opportunities will be an integral part of this course. Participation in Future Business Leaders of America (FBLA) is strongly recommended. Membership requires a \$20 fee for State and National FBLA dues.

### **FINANCIAL SERVICES: CREDIT UNION**

Course Code: VOC191 & VOC192

Credit: 1.00 (Year) Career and Tech Ed. , Elective

Prerequisite: At least Sophomore standing-

Financial Services students operate a full-functioning Camas Campus Branch of IQ Credit Union. Each student will be trained as a MSR- Member Service Representative and will develop their work readiness skills through hands-on application. These skills include customer service, cash handling, sales and marketing and business professionalism. This classroom component is designed to provide students with an opportunity to learn promotional and marketing strategies, and, personal and business financial literacy .

### **COLLEGE AND CAREER READINESS**

Course Code: VOC009

Credit: .50 (Semester) Career and Tech Ed. requirement

Prerequisite: Ninth grade only

Integrated college and career readiness helps to prepare students with a smooth transition from middle school to Camas High School and beyond by giving them a host of 21st Century skills. Research skills, organization skills, presentation skills, technical skills, and problem solving are just a few. Students will have integrated projects and provided the opportunity to apply skills learned to other courses. Students will also explore college and career options after high school as well by taking college and career inventories and exploring a plethora of postsecondary options of interest. This is a required course for ninth grade students at Camas High School. Exemption from this course requires counselor/administrator approval.

### **MARKETING I**

Course Code: MRK101 & MRK102

Credit: 1.00 (Year) Career and Tech Ed. , Elective

Prerequisite: None

The student will be introduced to basic marketing concepts including advertising, sales, economics, distribution, and small business management. Students will use skills learned in a variety of hands-on projects including creating their own Salsa Brand. Students may be expected to assist with operation of the Student Store. All students are required to participate in leadership activities through DECA (An Association of Marketing Students) and are encouraged to compete at local conferences, help with CHS DECA's Program of Work, and sponsored community activities. Professional business attire and appearance are also required for all DECA events and conferences.

### **MARKETING II (Advanced Marketing)**

Course Code: MRK201 & MRK202

Credit: 1.00 (Year) Career and Tech Ed. , Elective

Prerequisite: "B" or better in Marketing I or II and instructor approval

This advanced course offers further study of marketing and business fundamentals as well as market research and entrepreneurship. Emphasis will be placed on advanced competitive events such as written projects, advertising campaigns, and team events. Students will also develop business professional skills in preparation for studying business and marketing in college, and/or entering marketing and management employment. Professional business attire and appearance are also required for all DECA events and conferences.

### **STUDENT STORE (BUSINESS MARKETING)**

Course Code: MRK401 & MRK402

Credit: 1.00 (Full year only) Career and Tech Ed. Ed., Elective-Major: Finance, Leadership, Marketing

Prerequisite: Sophomore/Junior/Senior-Marketing I, instructor approval & contract required

Food handlers card required

The goal of this class is to provide the advanced marketing students with a lab forum to apply the marketing concepts they have learned throughout the program. Students will assume the responsibility for the complete operation and management of the Student Store. This includes supervision, ordering from vendors, inventory, sales, promotion, and bookkeeping.

### **WORK BASED LEARNING or INTERNSHIP (WBL)**

Course Code: DOP101 (period 1), DOP102 (period 2), DOP103 (period 3), DOP104 (period 4), DOP105 (period 5), DOP106 (period 6)

Credit: 0.5 (Year Semester) Career and Tech Ed. Ed., Elective-Repeatable

Prerequisite: 16 years or older, and Teacher Coordinator permission

Earn school credit for working or interning outside of school. Students will receive credit based on their performance at the work or internship site, completion of school assignments and paperwork related to the program, and a minimum of 90 or 180 hours (depends on other CTE courses) of documented time per semester credit. This course may be started anytime during the school year.

### **AP ECONOMICS - MICRO AND MACRO -**

Course Code: BUS301 & BUS302

Credit: 1.0 (Year) Career and Tech Ed. Elective or senior CWI class

Prerequisite: grades 11 & 12

Economics is the study of how individuals and groups attempt to maximize limited resources to fulfill unlimited wants and needs. Students learn how governments attempt to balance efficiency in markets while making things equitable for its citizens. Learn how to measure the health of our economy and what actions the government can take in an attempt to ensure the country's economic well-being. This is a great course for students that plan to study business or government in college. At the end of this course, students are expected to take both the microeconomics and macroeconomics tests. Students who pass both tests may receive 8-10 college credits from most universities. Students shall review AP Acknowledgement form prior to entering this course.

### **AP MACROECONOMICS -**

Course Code: MRK321 & MRK322

Credit: 1.0 (Year) Career and Tech Ed. Elect or senior CWI class

Prerequisite: grades 10-12

This course is a blend of macroeconomics, marketing, and financial management. AP macroeconomics is the study of business cycles and how fiscal and monetary policy can affect those cycles. Students will learn about business cycles, fiscal and monetary policy, financial management, exchange rates, international trade, and the relationship between inflation and unemployment. Students taking a full year of Macroeconomics can fulfill the senior CWI graduation requirement. Students are required to participate in DECA competitive events and a \$30 fee is required for State and National DECA dues. Students shall review AP Acknowledgement form prior to entering this course.

### **AP COMPUTER SCIENCE A**

Course Code: TEC403 & TEC404

Credit: 1.00 (Year) Career and Tech Ed. ; Science Elective

Prerequisite: Robotics Engineering 2 and completed Geometry, or permission

Students will learn programming in Java as they prepare for the AP Computer Science test. While most of our programming projects will be completed in class, students should have access to a computer and internet at home capable of running a current Java integrated development environment, and comfortable with high-school level electronic communication. Students shall review AP Acknowledgement form prior to entering this course.

## **FAMILY & CONSUMER SCIENCE**

### **TEACHING ACADEMY (CAREERS IN EDUCATION)**

Course Code: VOC305 & VOC306

Credit: 1.00 (Year), Career and Tech Ed. , Elective

Prerequisites: Junior standing, own transportation to Internship Site

Are you interested in a professional career as a teacher? This course is designed to allow students a combination of classroom curriculum and practicum experience in local Camas elementary schools. A professional portfolio is created in the classroom exploring topics such as various teaching methods, classroom management, assisting students with special needs, creating a positive learning environment in the classroom, designing educational bulletin boards and so much more! Starting in November, three days a week students will observe, assist and teach in assigned classroom in a Camas elementary school. Skills will be developed in leadership, communication and organization, which can be used in any career. Universities may waive field experience or grant college credit based on internship and professional portfolio. Please check with specific universities.

### **INTRODUCTION TO FOODS**

Course Code: HEC105

Credit: .50 (Semester) Career and Tech Ed. , Elective

Prerequisite: None; Supply fee \$10

Students will learn confidence and self-reliance while practicing kitchen safety, food sanitation and professional culinary skills. Students will learn how to cook appetizing foods, read and alter recipes, problem solve, plan, and work in teams when completing cooking labs. Examples of topics and skills covered are: food safety and sanitation, food service careers, baking, dry and moist heat cooking methods, pasta, rice, and vegetables. Students will be required to earn a Clark County Food Worker Card. This card is an additional \$10 fee paid directly to Clark County through the online training and testing program.

### **FOODS TOO, FOODS AND NUTRITION**

Course Code: HEC106

Credit: .50 (Sem.) Career and Tech Ed. , Elective

Prerequisite: Introduction to Foods; Supply fee \$10

Students will practice food safety and healthy culinary skills, including how to alter recipes for better nutrition while studying nutritional needs through the lifespan. Students will carry out an individual dietary analysis and goal setting project, identifying foods to incorporate into their diets for maximum health benefits. There will be weekly cooking labs in addition to traditional classroom work.

### **GOOD EATS AROUND THE WORLD - CULTURAL FOODS**

Course Code: HEC111

Credit: .50 (Sem.) Career and Tech Ed. , Elective

Prerequisite: Introduction to Foods: fee \$10

The "Good Eats Around the World" course introduces students to the way in which the geography, culture and traditions of different countries influence food choices. Students will identify and prepare foods from various countries to compare cuisines, investigate ingredients used, as well as preferred cooking methods. Students will also examine the issues and conditions that affect the availability and quality of food in the global market. Through this investigation students will understand and appreciate diverse cultures.

### **CHILD DEVELOPMENT/PAPERMAKER PRESCHOOL A**

Course Code: HEC321

Credit: .5 (semester), Career and Tech Ed. , Elective

Prerequisite: Desire to work with children

Students will have the opportunity to gain knowledge and understanding of child development through a combination of classroom curriculum and practicum experience in the onsite Papermaker Preschool Program. Students will learn and explore topics surrounding parenting, positive

communication and child guidance, child development theory, ages and stages, and professional practices. While working as an intern in the PMP, students will practice and develop positive interpersonal skills and leadership by working with children of various skill levels, including children with special needs. Regular attendance and participation in classroom and practicum is expected, as well as workplace professionalism. This course is articulated with Clark College ECE and STARS/MERIT industry certification, both of which can be earned with a B or above in Child Development A and B.

### **CHILD DEVELOPMENT/PAPERMAKER PRESCHOOL B**

Course Code: HEC322

Credit: .5 (semester), Career and Tech Ed. , Elective

Prerequisite: Desire to work with children;Papermaker Preschool A

Students will have the opportunity to gain knowledge and understanding of child development through a combination of classroom curriculum and practicum experience in the onsite Papermaker Preschool Program. Students will understand child development theories in physical, emotional, social, and intellectual growth, as well as health and safety issues, and current event topics related to a child's growth and development and professional careers options working with children. Students will learn to develop positive interpersonal skills by working with children in the preschool, and expected to be a leader and positive role model to not only the preschool children, but to the other peers enrolled. Regular attendance and participation in classroom and practicum is expected, as well as workplace professionalism. This course is articulated with Clark College ECE and Stars/Merit industry certification, both of which can be earned with a B or above in Child Development A and B. STARS/MERIT industry certification is available upon completion of CD 1 and CD 2 with a B or above earned grade.

### **PAPERMAKER PRESCHOOL INTERNSHIP**

Course Code: HEC351 & HEC352

Credit: 1.00 (Year) Career and Tech Ed. , Elective

Prerequisite: Child Development A/B

This experience has been designed to provide 2nd year Child Development students with an opportunity for active participation with preschool children. Students will be expected to select, prepare, present, and evaluate a variety of learning activities that are age & developmentally appropriate for preschool children. Materials & activities designed to foster the child's appreciation of literature, science, math, art, and dramatic play will be emphasized. Students are also expected to work as a team member in facilitating PMP procedures & guiding the preschool children. Students enrolling in this program will submit to a background check.

### **SPORTS MEDICINE A**

Course Code: HED201

Credit: .5(Semester) Career and Tech Ed.

Prerequisite: Sophomore Standing

This is an excellent introductory course for students interested in pursuing a career in medicine, nursing, occupational therapy, physical therapy, athletic training, etc. It is also a good course for athletes who want to understand their bodies better. Basic concepts in anatomy and sports medicine will be emphasized. Format will include lecture, demonstration, simulations, lab and application of concepts covered while participating in after school athletic training room opportunities. Students will complete a minimum 5 hours of experiential learning with an ATC. (Certified Athletic Trainer)

### **SPORTS MEDICINE B**

Course Code: HED202

Credit: .5 (Semester) Career and Tech Ed.

Prerequisite: Sophomore Standing/Sports Medicine A

This course is an extension of Sports Medicine A. There is an emphasis is academic research and deepening of knowledge related to anatomy, physiology, injuries, and recovery. Students are expected to take a leadership role both in the classroom and in the training room. Students will assist the instructor in demonstrations and monitoring class/training room activities. Students will complete a minimum 5 hours of experiential learning with an ATC. (Certified Athletic Trainer)

### **ADVANCED SPORTS MEDICINE**

Course Code: HED200 & HED205

Credit: 1.0 (Year) Career and Tech Ed.

Prerequisite: Sports medicine A & B

This course is designed to further the learning of students who are seriously considering a career in the healthcare field. Knowledge learned in Sports Medicine A&B will be expanded upon by diving deeper into anatomy, injuries, healthcare professions, and athletic training room procedures. Students will participate in projects and activities focused on career exploration, demonstration of skills, and scholarly research. Opportunities for participation in state competition/leadership exist as well. A minimum of 10 hours, supervised by the ATC, per semester are required for full credit.

## **FINE ARTS: VISUAL & PERFORMING**

### **Painting and Drawing I**

Course Code: ART123  
Credit: .5 (Semester) Fine Art elective  
Prerequisite: \$20 art fee

Come learn how to use watercolor and acrylic paint and some of the fundamentals of drawing. You will also learn to combine these paints with other mixed media materials to make successful artworks. This class will teach you some basic techniques used in painting (color mixing, value, creating depth, brush techniques, etc.) and how to combine your drawing and design skills to compose interesting images. This class will teach you both how to draw and how to properly observe from life in order to draw more accurately. You will have an opportunity to create drawings both from observation and from imagination. You will learn about value, scale, positive/negative space, perspective, and the creation of depth. Come with an open mind and a willingness to try something new and you will succeed. This Class is fun and requires no experience.

### **PAINTING AND DRAWING II**

Course Code: ART128  
Credit: .5 (Semester) Fine Art, Elective  
Prerequisite: Painting and Drawing I - \$20 art fee

This course is an extension of Painting and Drawing I. You will have opportunities to make more design decisions and work more independently. We will work with familiar materials but in new and exciting ways. you will have the chance to work on a larger scale and go more in depth into content exploration. You will also go to use a variety of materials, color pencil, graphite, ink, and of course paint. The semester starts with fundamentals and then progresses into creative, expressionistic work. You will have an opportunity to create art from observation and from imagination. We will explore multiple art genres and materials within drawing and painting. You will be required to accomplish well crafted and personally creative assignments.

### **ADVANCED DRAWING AND PAINTING STUDIO 1**

Course Code: ART124  
Credit: .5 (Semester) Fine Arts, Elective  
Prerequisite: One Semester of Beginning Drawing - Beginning Painting - or instructor approval

This class is designed for the serious art student who wishes to both improve fundamental drawing and painting skills – and enhance creative “thinking skills”. We will explore multiple art genres and materials within drawing and painting. You will be required to accomplish well-crafted and personally creative assignments. You should be willing to go beyond simple class assignments through the use of a formal sketchbook and guided problem solving assignments. The goal of this class is to move you towards creating and executing your own brand and style of artwork that is informative, unique, and well done. You will be required to share your thoughts and projects in an open discussion format with your classmates. All the assignments in this class can be used as portfolio artwork for the AP Drawing and Painting course.

### **ADVANCED DRAWING AND PAINTING STUDIO 2**

Course Code: ART125  
Credit: .5 (Semester) Fine Arts, Elective  
Prerequisite: One Semester of Advanced Drawing and Painting Studio 1

This class is all about exploring your own ideas and personal art “style”. You will be required to complete a portfolio (body of work) that explores a theme or the exploration of an idea that you find interesting. You will learn about how multiple pieces of your own artwork can teach and inform you and your audience about interesting artistic thoughts and expressions. The focus of the class will be doing cool, well-crafted finished artwork that fits your style. You will have the freedom to work in any type of material: paint, pencil, pen, oil pastels, printmaking, etc... There will be an expectation for you to be engaged in your own growth – along with an expectation for you to be able to explain your message and how you explore your ideas. You will be required to both write and speak about your work and your classmates work through a learned language of creativity and art.

### **AP STUDIO ART / Drawing and Painting**

Course Code: ART126 & ART127  
Credit: 1.00 (Year) Fine Arts, Elective  
Prerequisite: One year of Drawing & Painting or instructor approval

This is designed for the serious art student who wishes to not only improve and gain a deep understanding of high level art, but who also wishes to assemble a portfolio of work and submit the portfolio for approval for college credit. We will work with a variety of mediums (pencil, pen, paint, oil pastel, charcoal, etc.). The class will be set up to drive students towards successful passing of the AP portfolio review or to give students a portfolio of powerful, interesting artwork. It will certainly be fun and creative - but be aware, we will move fast and focus hard on the attainment of artistic skills and intellectual knowledge. Semester one will focus on exposure to different materials and varied assignments. Semester two will be used to work on a “concentration” (portfolio) that is an exploration of a theme or idea. Students shall review AP Acknowledgement form prior to entering this course.

### **BEGINNING CERAMICS**

Course Code: ART133  
Credit: .5 (semester) Fine Arts, Elective  
Prerequisite: None; \$20 art fee

Beginning ceramics is an introduction class. Students learn how to prepare clay, coil and slab build, and throw using a pottery wheel. Students learn about various stages of clay, how to attach pieces of clay to one another, and how to glaze (various methods). Students are required to follow instructions/procedures in addition to making their own creative decisions. Students learn about design elements and principles as they relate to 3D art.

### **ADVANCED CERAMICS (CERAMICS II)**

Course Code: ART134  
Credit: .5(semester) Fine Arts, Elective  
Prerequisite: Beg Ceramics or approval - \$20 art fee

Advanced ceramics is an intermediate/advanced course. Students continue to expand upon technical skills they learned in beginning ceramics regarding construction and glazing. Student must bring their own decisions to their work, learning artistic independence and beginning to understand artistic voice. Students are exposed to the various cultural significances of clay in addition to various firing methods and surface treatment. Students further learn about design elements and principles as they relate to 3D art.

### **EVERYTHING IN ART & DESIGN 1**

Course Code: ART151  
Credit: .5 (Semester) Fine Art, Elective  
Prerequisite: None; Fee: \$20 for each semester

Everything in Art & Design is great for beginners as well as advanced art students. This class will allow you to learn about the creative process and fundamental design concepts that will be used to create and design fun, hands on art projects. We will explore both 2 dimensional and 3 dimensional surfaces. You will get a chance to create sculptures and flat work using a variety of media types. The projects include explorations in graffiti, creative portraits, spray-paint stencils, clay figures, plaster sculptures, fantasy landscapes, watercolor abstracts and abstractions, and more. The focus of the class will be to teach you how to be more creative while giving you stronger skills in basic design and composition. If you like exploring different materials and are interested in being more successful with varied materials, techniques, and the generation of interesting and engaging artwork, you will like this class.

### **EVERYTHING IN ART & DESIGN 2**

Course Code: ART152  
Credit: .5 (Semester) Fine Art Elective  
Prerequisite: Everything in Art & Design 1 must be taken first. Fee: \$20 for each semester.

This class will be a more advanced exploration of design concepts and compositional concerns learned through mixed materials and hands on projects. This class will explore projects such as printmaking, glass etching, and assembling of sculptures from a variety of materials such as wire, plaster, cardboard, and found objects. We will focus on high level control and application of both skills and materials to create intelligent, thought provoking work. You will also get the chance at the end of the semester to work on independent "self-directed" art projects of your own choosing. This will allow you to develop a style and voice to express your own message and type of art.

### **CALLIGRAPHY 1 & CALLIGRAPHY 2**

Course Code: ARTCAL (Calligraphy 1) & ARTCA2 (Calligraphy 2)  
Credit: .50 (Semester) or 1.00 (Year) Fine Art, Elective  
Prerequisite: None; \$20 fee

"Calligraphy" means beautiful writing, and this class explores the rich tradition of hand lettering, specifically Roman and Italic letter families. Calligraphy will be used to create colorful and expressive works of art such as illuminated letters, recipes, song lyrics, quotations, cards, bookmarks, and graphic designs. Students will create a hand-bound book to exhibit their work, and they will be able to keep their special pen as part of their class fee. Second semester will introduce Uncial, a simpler style, which will be used along with Italic to create more advanced art projects using new media such as watercolor, mirror etching, metallic paints, ink, and more.

### **DIGITAL DRAWING**

Course Code: ART900  
Credit: .50 (Semester Class) Fine Arts, Career and Tech Ed. , Elective  
Prerequisite: None

If you enjoy drawing or painting, this class is for you. You will create illustrations that will amaze all your friends. Take sketches from paper into the computer and turn them into colorful works of art. You will be using Adobe Illustrator and Adobe Photoshop hand in hand. No illustration is too hard for these programs with a little practice.

### **ANIMATION, DOCUMENTARY, and NARRATIVE FILMMAKING**

Course Code: TEC205 & TEC206  
Credit: 1.00 (Year) Career and Tech Ed., Fine Arts Elective  
Prerequisite: Fee \$20 per semester

This class builds a foundation in the language of cinema and the skills required to make your own narrative, documentary and animated films. Topics covered include composition and framing, camera operation, sound recording, lighting, use of music, editing, storytelling, screenwriting, storyboarding, and production workflow. Class time moves between technical instruction, film viewings, individual and collaborative shooting assignments, and project screenings. You'll use professional cameras, microphones, lighting equipment and software to make your films: 6-8 projects including documentaries, narrative scenes, animated shorts and music videos. Computer at home not required.

### **STAGECRAFT**

Course Code: ART041 & ART042

Credit: 1.00 (Year) Fine Art,

Prerequisite: Instructor approval

This course teaches students how to design and construct stage scenery. Students will have access to lumber, tools, paint, props, and stage lighting equipment for the purpose of producing all technical aspects of a mainstage major theatre production.

### **DRAMA I: INTRODUCTION TO THEATRE**

Course Code: ART501 & ART502

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: None; Students must purchase an ASB sticker before October 1.

This is an exciting class for any student who wants to know all about the world of theatre. This comprehensive class looks at all aspects of theatre, including acting, improvisation, theatre games, pantomime and performance critique. The class is devoted to the basics and background of theatre.

### **DRAMA II: INTERMEDIATE THEATRE**

Course Code: ART504 & ART505

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: Drama I or instructor approval - Must purchase an ASB sticker before October 1

This course continues to build on the skills learned in Drama I. Different styles of theatre are explored including clowning, puppet theatre, mask work, and play reading.

### **DRAMA III: ADVANCED DRAMA**

Course Code: THE008 & THE009

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: By audition only; Need an ASB sticker before Oct 1st.

This course continues to build on the skills learned in Drama. Intense focus on scene work, classical theatre styles and performance, advanced stage combat techniques, Shakespeare, and Greek theatre are explored in-depth.

### **SYMPHONIC BAND OR CONCERT BAND**

Course Code: MUS101 & MUS102

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: Instructor approval; Students must purchase an ASB sticker before October 1.

The Camas Band is a wind and percussion ensemble that covers a wide variety of musical styles during the course of the school year. This chameleon-like group becomes, at various times, a marching band (field and parade), a pep band, and a symphonic band. In addition, a select wind ensemble is pulled from Symphonic Band (by audition). Also, brass and saxophone ensembles perform in the community and around the school during the holiday season, adding festive cheer to the atmosphere. The band also performs in Disneyland and Walt Disney World in alternating odd-numbered years. Attendance at performances is required for credit in the class.

### **JAZZ BAND ONE, JAZZ BAND TWO**

Course Code: MUS151 & MUS152

Credit: .50 (Year) Fine Arts, Elective

Prerequisite: Current member of a major performing group & audition; ASB sticker by October 1st

Each jazz band meets on alternating mornings during "zero" period; students will need to provide their own transportation. The bands rehearse and perform a wide variety of jazz styles. Auditions are held each spring for next year's group. Attendance at performances is required for credit in the class.

### **STRING ORCHESTRA**

Course Code: MUS105 & MUS106

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: None; Students must purchase an ASB sticker before October 1.

The String Orchestra class offers instructions on violin, viola, cello, and string bass instruments with a focus on the skills necessary for long-term success. Fundamentals stressed include proper posture, and playing position, development of characteristic tone quality and training in music literacy. Students will perform at several public concerts throughout the year.

### **BASS CHOIR**

Course Code: MUS201 & MUS 202

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: None; Students must purchase an ASB sticker before October 1.

Bass Choir is your chance to learn to sing! Whether you're a karaoke master or you've never sung before, this class will teach you to use your voice, sing as a team, read music, and perform confidently. This choir is open to male singers at all levels and does not require an audition, though you must sign up for this class in order to audition for Select Bass Choir. Auditions will be held on April 22-24. Scheduled performances and festival participation is mandatory for class credit. Students are expected to remain in Bass Choir the entire year.

### **SELECT BASS CHOIR**

Course Code: MUS146 & MUS147

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: **By audition only:** Students must purchase an ASB sticker before October 1

Select Bass Choir is an advanced exploration of vocal technique, music theory, and music history through the study of a wide variety of choral music written for men's voices. This choir is open to male singers by audition. Scheduled performances and festival participation are mandatory for class credit. Students are expected to remain in Select Bass Choir the entire year.

### **TREBLE CHOIR**

Course Code: MUS223 & MUS224

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: None; Students must purchase an ASB sticker before October 1.

Treble Choir is your chance to learn to sing! Whether you're a karaoke master or you've never sung before, this class will teach you to use your voice, sing as a team, read music, and perform confidently. This choir is open to female singers at all levels and does not require an audition, though you must sign up for this class in order to audition for Select Treble Choir. Auditions will be held on April 22-24. Scheduled performances and festival participation is mandatory for class credit. Students are expected to remain in Treble Choir the entire year.

### **SELECT TREBLE CHOIR**

Course Code: MUS149 & MUS150

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: **By audition only:** Students must purchase an ASB sticker before October 1.

Select Treble Choir is an advanced exploration of vocal technique, music theory, and music history through the study of a wide variety of choral music written for women's voices. This choir is open to female singers by audition. Scheduled performances and festival participation are mandatory for class credit. Students are expected to remain in Select Treble Choir the entire year.

### **SELECT VOCAL ENSEMBLE**

Course Code: MUS251 & MUS252

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: **Audition only** Students must purchase an ASB sticker before October 1.

Select Vocal Ensemble is a group of experienced advanced singers who are admitted by audition only. The group performs mixed choral literature from around the world and throughout history. Scheduled performances, festivals and competitions are mandatory for class credit. Students are expected to remain in Select Vocal Ensemble the entire year. Students are expected to provide their own transportation to this zero-period class (before first period, 6:45 - 7:40 am).

### **DIGITAL PHOTOGRAPHY**

Course Code: ART904

Credit: .50 (Semester) Fine Arts, Career and Tech Ed. , Elective

Prerequisite: 10th-12th grade students ; Lab/color print fee \$30

This course is designed for the person that has always enjoyed taking photos or appreciated photography. This course will take you into the digital age working with cameras that are so much more than you average point and shoot. This is not a cell phone class. We will take you through the shooting basics with Canon cameras and then into the digital darkroom. Using Photoshop to produce amazing images that you always wanted to create.

### **ADVANCED DIGITAL PHOTOGRAPHY**

Course Code: ART906

Credit: .50 (Semester) Fine Arts, Career and Tech Ed. , Elective

Prerequisite: One semester of Digital Photo; Lab/color print fee \$30

This course takes students to the next level. We will work strictly in camera RAW and cover photo manipulations, panoramic, HDR technology, modeling photos, macro, telephoto, senior portraits, and product photography. Strong emphasis is placed on client communication and organization.

### **AP DIGITAL PHOTOGRAPHY**

Course Code: ARTAP1 & ARTAP2

Credit: 1.0 (Year) Fine Arts, Career and Tech Ed. Elective

Prerequisite: One sem of Digital Photography and one sem of Adv Digital Photography

Design and Art category. This class will be a year long program. The student will be integrated into one of the three photography classes offered.

Students will complete 12 pieces to meet the breadth category and 12 pieces of a focus area. Students shall review AP Acknowledgement form prior to entering this course.

### **THE HISTORY OF ROCK 'N' ROLL**

Course Code: ART240

Credit: .50 (semester) Fine Arts Elective

Prerequisite: None

This music appreciation elective is an in depth study of the origins of popular music and culture in the 20th century and its impact on society. Students will learn about a wide range of musical genres and the visual imagery associated with them. In doing so, they will become familiar with the landmark groups, artists, and movements from different periods that shaped the music and aesthetics of the times. The course is largely discussion based and student driven, relying heavily on digital multimedia (weekly "listening labs," videos, visual artwork, etc.) to bring the music and artists to life in order to



provide a visual and aural context for what we study. The end goal of the course is to develop students' ability to interpret artistic process through analysis of that media, which will culminate in the creation of several products that showcase musical and artistic understanding of the topics we cover.

### **CHS YEARBOOK**

Course Code: ART031 & ART032  
Credit: 1.00 (Year) Fine Arts Elective  
Prerequisite: Teacher Approval; Fee NA

The CHS Yearbook course is where students produce the Camas High School Yearbook. Students in the class will develop and apply skills with graphic layout and design, digital photography, journalistic copywriting, desktop publishing, leadership, and working as part of team. Students will receive a free CHS Yearbook as part of their course experience.

### **WEBSITE DESIGN**

Course Code: ART301 & ART302  
Credit: 1.00 (Year) or .50 (Semester) Career and Tech Ed. , Fine Arts Elective  
Prerequisite: None; Fee NA

This course will focus on producing a variety of website formats. Graphic image editing and layout, site organization, and site navigation will be a major focus. Other areas will include html coding, animation, and adding multimedia (audio/video). The class will be using Adobe Dreamweaver, Adobe Photoshop and Fireworks, Adobe Flash, WordPress, and other related software for producing functional sites.

### **JOURNALISM / NEWSPAPER**

Course Code: ENG401 & ENG402  
Credit: 1.00 (year) Career and Tech Ed. - 1.00 Fine Art credit if enrolled four years  
Prerequisite: Journalism students need to be nominated by either a teacher, current Camasonian staff member or a counselor and must purchase an ASB sticker by October 1

*Description in Technology and English elective pages.*

This course will focus on learning the skills to maintaining a website, including advertising, digital layout, photography, writing, interviewing, understanding current world issues, time management and meeting deadlines and having fun.

### **ARCHITECTURAL DESIGN**

Course Code: TEC223 & TEC224  
Credit: 1.00 (Year) or .50 (Semester) Career and Tech Ed.; Career and Tech Ed., and Fine Arts Elective  
Prerequisite: None; Fee \$5 per Semester

This course will provide students with the opportunity to study and apply hands-on skills relating to Architectural Design and CAD. Additional activities will have students design and engineer models to reinforce concepts in Architecture. Computer 3D modeling will be introduced to expand on the industrial and architectural design process.

## **FRESHMAN ACADEMY**

### **FOR CAMAS HIGH SCHOOL FRESHMEN**

The Camas High School Freshman Success Academy is a program designed to facilitate a smooth transition from 8th grade into 9th grade. The Freshman Academy is a place for mainstream and college-bound students to receive additional support in the Freshman core subjects which include; Algebra 1, English 9, and Physical Science. The curriculum for the Freshman Academy also provides students with an opportunity to improve study skills and organizational skills. The program features smaller class size and a unique year-long "Focus" study skills class where students may receive one-on-one or small group instruction from their core teachers using a collaborative team-taught curriculum.

The Academy student is assigned four periods in the Freshman Academy program that include:

- **Algebra I**
- **English 9**
- **Physical Science**
- **College & Career Ready**

The two remaining periods of the six period day will include:

**9th grade Fitness (semester) and Freshman Health (semester)**  
**An Elective of the student's choice**

To enroll in the Freshman Academy, a student must first be nominated by their 8th grade teachers prior to forecasting for high school. Nomination is based on a set of holistic criteria as opposed to academic success or failure. Students new to the district can interview with the Academy staff to enroll.

## **INTEGRATED ARTS AND ACADEMICS (IAA)**

Integrated Arts & Academics (IAA) is a program at CHS for grades 9 through 12. Admission into the program is by application only for grades 9 and 10. The program meets Core 24 requirements for graduation and prepares you for college if that is your plan. See [chs-iaa.blogspot.com](http://chs-iaa.blogspot.com) for more information. Students do not need to audition, present a portfolio, or have highly-developed talent in order to be accepted into the IAA program. However, a keen interest and curiosity in combining core academic learning with the visual and performing arts is essential. New students are welcome to enter the program their sophomore year, even if they were not in the program their Freshman year. If you have additional questions about the IAA program, please contact Program Leader, Mrs. Mariotti Shapard or Program Counselor, Mrs. Rollman.

**More class information coming soon!**

### **ENGLISH 9 (Literature and Composition)**

Credit: 1.00 (Year) Fine Arts

Prerequisite: IAA Acceptance Required. Class fee is included in the IAA program fee.

In this class, IAA 9th grade students will explore a variety of visual and performing art forms with projects that connect to their academic classes' content. Students will learn how to use their imagination, insight, and intuition to develop a concept and make artistic decisions that communicate their ideas in their projects. Exercises will stretch creative thinking and problem solving, and students will learn basic sketching as a way of recording ideas. Some projects will be individual-based and others will be collaborative. Professional guest artists will share information about their careers, their artistic process and lead residencies, projects lasting 10-12 days.

## **LANGUAGE ARTS & SOCIAL STUDIES**

PRE-AP AND ADVANCED PLACEMENT (AP) CLASSES: Students with a strong academic history may elect to sign up for Advanced Placement or Pre-AP classes. These classes may be available providing we have both the trained staff and enough student interest. AP classes provide rigorous college level activities taught in a similar manner to college courses. Students may opt to test for potential college credit. (Awarding college credit depends on the policy of the individual college or university.) Pre-AP classes are also taught to provide a thorough AP, college or university preparatory model. AP classes in English and/or Social Studies will be offered in grades 9 through 12. Pre-AP classes will be available at grade 9 and 10.

### **9TH GRADE LANGUAGE ARTS REQUIRED PROGRAM CHOICES**

#### **ENGLISH 9 (Literature and Composition)**

Course Code: ENG091 & ENG092

Credit: 1.00 (Year) English

Prerequisite: 9th Grade

The primary focus of English 9 is to encourage students to experience and appreciate a wide variety of literature including novels, plays, short stories, and poetry. Through this exploration, students will expand their ability to think both critically and inferentially. Students will demonstrate progress through an array of activities including examinations, formal compositions, individual presentations, and group projects.

#### **PRE-AP ENGLISH 9 (Literature and Composition)**

Course Code: PAP101 & PAP102

Credit: 1.00 (Year) English

Prerequisite: 9th Grade

Pre-AP English 9 is an advanced English course taught at an accelerated pace. This course is recommended for those students wishing to pursue upper class AP courses in the future. Interested students should anticipate the necessity of investing significant time outside of class. The focus of Pre-AP English 9 is to foster student appreciation and understanding of an array of literature, including novels, plays, short stories, and poetry. Through this exploration, students will be increasingly challenged to expand their ability to think both critically and inferentially. Students will demonstrate progress through a variety of activities, including examinations, formal compositions, individual presentations, and group projects. Students shall review AP Acknowledgement form prior to entering this course.

#### **PRE-AP ENGLISH 9 MST (Ninth Grade Magnet Program) Description found in Magnet Program**

#### **AP HUMAN GEOGRAPHY**

Course Code: SOC201 & SOC202

Credit: 1.00 (Year) elective

Prerequisite: 9th - 12th Grades

This course will introduce students to the study of geography as a social science by emphasizing the relevance of geographic concepts to human problems. The study is both historical and contemporary. Students will study areas covered by the AP Examination in regard to geographic concepts,

analysis of population, political organization, agricultural and rural land use, industrialization and economic development, and the origins of cities, urbanization and globalization. Students will analyze data, write essays, and present written and oral arguments. Students shall review AP Acknowledgement form prior to entering this course.

## **10TH LANGUAGE ARTS & SOCIAL STUDIES REQUIRED PROGRAM CHOICES**

Students are required to choose an English class and a World History class.

### **ENGLISH 10 (Literature and Composition)**

Course Code: ENG101 & ENG102

Credit: 1.00 (Year) English

Prerequisite: 10th Grade

This course includes world literature, grammar, and composition. Composition includes various methods of composition development. Further, this class prepares students for the state assessments in reading and writing. Students will also gain skills in essay writing. This class must be taken with a World History class to meet the Sophomore English & Social Studies requirement.

### **PRE-AP ENGLISH 10 (Literature and Composition)**

Course Code: PAP201 & PAP202

Credit: 1.00 (Year) English

Prerequisite: 10th Grade;

This class is intended to prepare students for junior and senior AP English classes. We will read, discuss, and analyze at least five novels. Students will also gain skills in essay writing. Students will study several literary and writing genres with emphasis on AP and other writing styles, vocabulary, poetry, nonfiction, and presenting skills. This class also prepares students for the state assessments in reading and writing. A summer assignment will be given. Students shall review AP Acknowledgement form prior to entering this course.

### **PRE-AP ENGLISH 10 MST (Tenth Grade Magnet Program)** Description found in Magnet Program

### **WORLD HISTORY (Early and Modern)**

Course Code: SOC551 & SOC552

Credit: 1.00 (Year) Social Studies

Prerequisite: 10th Grade

This course focuses primarily on the last 500 years of history and the evolution of global processes and interactions between and within different human societies. The course is truly a global history rather than one focused primarily on Western civilizations.

### **AP WORLD HISTORY**

Course Code: SOC553 & SOC554

Credit: 1.00 (Year) Social Studies

Prerequisite: 10th Grade

AP World covers 10,000 years of world history, focusing primarily on the last 1,000 years. Rather than being focused solely on Western/European Civilization, the course approaches the study of history from a truly global perspective, paying close attention to the ways in which all of the world's major societies and cultures have interacted across time and influenced the development of global processes and systems. Students should expect an extensive amount of challenging reading, writing, thinking, speaking, and cooperative group activities over the course of the school year. This course provides students with the opportunity to prepare for the May AP World History exam. Students shall review AP Acknowledgement form prior to entering this course.

## **11TH GRADE LANGUAGE ARTS & SOCIAL STUDIES REQUIRED PROGRAM CHOICES**

Students will choose an English 11 class and a US History class.

### **AP ENGLISH 11 (Language and Composition)**

Course Code: ENG116 & ENG117

Credit: 1.00 (Year) English

Prerequisite: 11th Grade; Pre-AP English 10 recommended

AP English Language and Composition is equivalent to a challenging college freshman writing course. Curriculum is based on nonfiction texts and readings while integrating American literature to support thematic developments and cultural study. Students will sharpen skills in rhetorical analysis,

close reading, and critical thinking. Writing emphasis will include argumentation, style analysis, synthesis, and developing the student's own voice and style in preparation for the AP Lang and Comp test given in May. Students shall review AP Acknowledgement form prior to entering this course. Must be taken with either US History or AP US History.

### **ENGLISH 11 (American Literature and Composition)**

Course Code: ENG111 & ENG112

Credit: 1.00 (Year) English

Prerequisite: 11th Grade

This course includes a study of American literature, oral and written analysis of literature and formal speaking projects. The curriculum will include discussion of historical elements influencing each literary period and will parallel the US history class subject matter. Must be taken with US History or AP US History.

### **CWU ENGLISH 11- (ENGLISH 101 & 102) - CWU COLLEGE CREDIT OPTION**

Course Code: CWUEN1 & CWUEN2

Credit: 1.00 (Year) English - CWU College Credit Option

Prerequisite: 11th Grade; To earn college credit, a passing score on Accuplacer or SBA testing (see coordinator for thresholds)(Fee charged for college credit)

**ENG 101:** Composition I, Critical Reading and Responding (4). Explores American literature through cultural connections, meaningful discourse, and focused research. Develops skills necessary for academic writing, including summarizing, reading sources critically and responding to them, synthesizing multiple perspectives, and using academic writing conventions. Prerequisite: Student must score 500+ on the SAT Critical Reading, or 19+ on the ACT English, or 88+ on the Compass Reading and 8+ on the Compass E-write, or 95+ on the Accuplacer Reading Comprehension and 5+ on the Accuplacer Writeplacer, or 3+ on the Smarter Balance Exam.

**ENG 102:** Composition II, Reasoning and Research (4). Continues exploration of American literature through cultural connections, meaningful discourse, and focused research. Develops skills in research-based academic argument through assignments involving evaluation, analysis, and synthesis of multiple sources. Prerequisite: Student must have already passed ENG 101 with a grade of a C- or higher, or score 3+ on AP Test, or 3+ on the IB Exam.

### **AP US HISTORY**

Course Code: SOC171 & SOC172

Credit: 1.00 (Year) Social Studies

Prerequisite: 11th Grade

AP US History is challenging course that is the equivalent of a Freshman college history course. It is a survey of American history from the age of exploration and discovery to the present, with emphasis on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. Students will be preparing for the AP US History exam given in May. Students shall review AP Acknowledgement form prior to entering this course.

### **US HISTORY**

Course Code: SOC101 & SOC102

Credit: 1.00 (Year) Social Studies

Prerequisite: 11th Grade

US History covers the time span of the age of discovery to the present period. The course is designed to show the development of the nation into the number one industrial, agricultural, and military power of the world. Also included is the role of our government, the changes it has undergone and how this has influenced our country's development. Must be taken with English 11 or AP English 11.

## **12TH GRADE LANGUAGE ARTS & SOCIAL STUDIES REQUIRED PROGRAM**

### **CHOICES:**

**The Senior Project is required for all seniors and is included in senior English classes.**

### **AP ENGLISH LITERATURE 12**

Course Code: ENG203 & ENG204

Credit: 1.0 (Year) English 12

Prerequisite: 12th Grade; AP English 11 recommended

AP Literature is a rigorous college-level course that prepares students for higher education by strengthening their reading, writing, and thinking skills. We read, discuss, and analyze 12 major literary works and several poems. Senior project is completed in this class and literary terms, archetypes, and other aspects of literature are studied. Students will also prepare for the AP Literature and Composition Test given in May. Students shall review AP Acknowledgement form prior to entering this course.

### **ENGLISH 12 (English Literature and Composition)**

Course Code: ENG201 & ENG202

Credit: 1.00 (Year) English 12

Prerequisite: 12th Grade

This class surveys a variety of literary genres including drama, novels, and poetry in order to develop skills in critical thinking, analytical reading, and formal communication. The Senior Research Paper is also completed as part of this course, and is required both for graduation and for course credit. Must be taken with either CWI or AP US Government & Politics (AP CWI).

### **CWU ENGLISH 12 (ENGLISH 105) - CWU COLLEGE CREDIT OPTION**

Course Code: CWUEN3 & CWUEN4

Credit: 1.00 English 12 (5 college credits possible)

Prerequisite: Senior must have passed ENG101 with at least a C-, 3+ or higher on AP exam or on the IB exam (fee charged for College credit)

This class surveys a variety of literary genres including drama, novels, and poetry in order to develop skills in critical thinking, analytical reading, and formal communication. Focuses on human experience as it is imagined, interpreted and made significant in literature. The Senior Research Paper is also completed as part of this course, and is required for both graduation and for course credit. Must be taken with either CWI or AP US Government & Politics (AP CWI).

### **AMERICAN GOVERNMENT & WORLD GEOG./ CWI – CONTEMPORARY WORLD ISSUES**

Course Code: SOC311 & SOC312

Credit: 1.00 (Year) CWI: American Government and World Geography

Prerequisite: 12th Grade

This course includes the study of American Government with special emphasis on the Constitution, the functions of the three branches of government, and the political structure of the United States. Current issues in major world areas are also studied and discussed. Must be taken with an English 12 course.

### **AP US GOVERNMENT & POLITICS / CWI – CONTEMPORARY WORLD ISSUES**

Course Code: SOC351 & SOC352

Credit: 1.00 (Year) CWI

Prerequisite: 12th Grade

AP US Government & Politics is a challenging course that is the equivalent of a freshman level college social studies class. This class explores the Constitution, political behavior, political parties, interest groups and mass media, Congress, the presidency, the bureaucracy, the federal courts, public policy, civil rights, and civil liberties. Students will be preparing for the AP US Government and Politics Exam given in May. Students shall review AP Acknowledgement form prior to entering this course. Must be taken with an English 12 course.

### **AP US GOVERNMENT AND POLITICS/AP COMPARATIVE GOVERNMENT & POLITICS**

Course Code: SOC453 & SOC454

Credit: 1.0 (Year) CWI

Prerequisite: 12th Grade

The AP Program offers two government courses and exams: AP US Government & Politics and AP Comparative Government & Politics. Each course is designed to be equivalent to an introductory college course. Students taking this course will be taking both courses at an accelerated pace. First semester is AP US Government and Politics. The second semester is AP Comparative Government and Politics. This course introduces students to the rich diversity of political life outside of the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. Two things to note: 1) Universities find tremendous value in this course, which may help students gain credit, admission or both at the university level. 2) If you sign up, you will not be allowed to change out at semester without losing CWI credit. Students shall review AP Acknowledgement form prior to entering this course. Must be taken with an English 12 course.

### **AP ECONOMICS - MICRO & MACROECONOMICS -**

Course Code: BUS301 & BUS302

Credit: 1.0 (Year) Career and Tech Ed. Elective or senior CWI class

Prerequisite: Grades 11 & 12

Economics is the study of how individuals and groups attempt to maximize limited resources to fulfill unlimited wants and needs. Students learn how governments attempt to balance efficiency in markets while making things equitable for its citizens. Learn how to measure the health of our economy and what actions the government can take in an attempt to ensure the country's economic well-being. This is a great course for students that plan to study business or government in college. At the end of this course, students are expected to take both the microeconomics and macroeconomics tests. Students who pass both tests may receive 8-10 college credits from most universities. Seniors: must be taken with either English 12 or AP English 12 to fulfill senior requirements. Students have the option of taking this class for college credit through CWU (4-5 credits per semester).

### **AP MACROECONOMICS -**

Course Code: MRK321 & MRK322

Credit: 1.0 (Year) Career and Tech Ed. Elective or senior CWI class

Prerequisite: Grades 10-12

This course is a blend of macroeconomics, marketing, and financial management. AP macroeconomics is the study of business cycles and how fiscal and monetary policy can affect those cycles. Students will learn about business cycles, fiscal and monetary policy, financial management, exchange rates, international trade, and the relationship between inflation and unemployment. Students taking a full year of Macroeconomics can fulfill the senior

CWI graduation requirement. Students are encouraged but not required to participate in DECA events and a \$25 fee is required for State and National DECA dues.

## **LANGUAGE ARTS & SOCIAL STUDIES ELECTIVES**

### **JOURNALISM / NEWSPAPER**

Course Code: ENG401 & ENG402

Credit: 1.00 (year) Career and Tech Ed. (1.00 Fine Art Credit if enrolled 4 years)

Prerequisite: Journalism students need to be nominated by either a teacher, current Camasonian staff member or a counselor and must purchase an ASB sticker by October 1

This course will focus on learning the skills to maintaining a website, including advertising, digital layout, photography, writing, interviewing, understanding current world issues, time management and meeting deadlines and having fun.

### **PSYCHOLOGY**

Course Code: SOC210

Credit: .50 (Semester) Elective

Prerequisite: Junior/Senior standing

This is an introductory course in the study of Psychology. The major schools of Psychology will be presented. The class may be taken one semester.

### **AP PSYCHOLOGY**

Course Code: SOC213 & SOC214

Credit: 1.00 (Year) Elective

Prerequisite: Open to 11th and 12th grade students

AP Psychology is a challenging course that is the equivalent to a freshman level college psychology class. In addition to topics studied in beginning psychology, students will be prepared for the AP Psychology exam in May. Under the direction of the teacher, students may be asked to do outside reading and additional study. Students shall review AP Acknowledgement form prior to entering this course.

### **HISTORY OF WAR: 3000 YEARS OF "THE CURSE OF MARS" CWU COLLEGE CREDIT OPTION**

Course Code: SOC420 & SOC421

Credit: .50 (Semester) or 1.00 (Year) Elective **-College Credit offered**

Prerequisite: None; open to grades 10-12 for college credit & Fee charged for college credit)

This semester/yearlong elective examines the history of human warfare from the ancient world to the modern. Topics to be studied include the evolution of military technologies and strategies, causes and consequences of history's most important, as well as most obscure, wars, and the intriguing glimpse into "human nature" that conflict generates. The course includes guest appearances by local war veterans, military documentaries and movies, and an individual war-related research project.

### **COLLEGE COURSE: AMERICAN MILITARY HISTORY - (Course Code: CWUHS)**

A comprehensive and systematic survey and analysis on the American Military experience from colonial times through the Vietnam War.

### **THE HISTORY OF ROCK 'N' ROLL**

Course Code: ART240

Credit: .50 (semester) Elective OR Fine Arts Elective

Prerequisite: None

This music appreciation elective is an in depth study of the origins of popular music and culture in the 20th century and its impact on society. Students will learn about a wide range of musical genres and the visual imagery associated with them. In doing so, they will become familiar with the landmark groups, artists, and movements from different periods that shaped the music and aesthetics of the times. The course is largely discussion based and student driven, relying heavily on digital multimedia (weekly "listening labs," videos, visual artwork, etc.) to bring the music and artists to life in order to provide a visual and aural context for what we study. The end goal of the course is to develop students' ability to interpret artistic process through analysis of that media, which will culminate in the creation of several products that showcase musical and artistic understanding of the topics we cover.

## **MAGNET PROGRAM**

## **MATH, SCIENCE, AND TECHNOLOGY**

The Camas Math, Science, Technology (MST) Magnet is a unique program that provides an innovative, specialized learning environment for selected students. Selection of students to the MST Magnet program is a competitive process for students interested in an intensive, challenging program focused on math, science and technology. The MST program includes a new and integrated "block" of studies that will form the program core for magnet students beginning in the ninth grade. Classes include key elements of essential research design principles; characteristics of successful interdisciplinary project design; problem-based learning and strategies for successful communication. Student research teams will explore rigorous course content in the specific course areas, but they will also complete a research design sequence. This program provides students with a safe and

challenging but supportive environment that will build a strong foundation of knowledge and skills they will need to be successful in the four years of the MST Magnet program and beyond. **The ninth grade MST block classes** include: Pre-AP English, AP Environmental Science, and Principles of Technology & Engineering Design. The remaining three periods include electives, mathematics, and other requirements. **The tenth grade MST block classes** include MST level: AP Biology, Pre-AP English 10, and Research Seminar. The remainder of the day will include mathematics, a required social studies (AP World History or regular World History), and electives. **The eleventh grade MST program classes** include: MST Research Seminar, English 11, US History, Chemistry, Mathematics (AP level highly recommended in core classes but not required), and an elective. Students are required to take a math and science course every year.

#### **PRE-AP ENGLISH 9 MST (Ninth Grade MST Magnet Program)**

Course Code: Student will be placed in class once accepted  
 Credit: 1.00 (Year) English  
 Prerequisite: Admission into the Ninth Grade MST Magnet Program

The Pre-AP English 10 MST course is largely based upon the study of literature and composition with special emphasis on developing student understanding of research writing and process. Its primary focus is to help develop students' ability to critically read, think, research, discuss, and write about literature and the world they live in. Students should expect an extensive amount of challenging and rewarding reading, writing, thinking, speaking and cooperative group activities over the school year. Wherever it is logical and possible, activities and assignments will be integrated either thematically or topically with the Magnet Science and Technology courses.

#### **PRINCIPLES OF TECHNOLOGY & ENGINEERING DESIGN/ MST RESEARCH 9 (Ninth Grade MST Magnet Program)**

Course Code: Student will be placed in class once accepted  
 Credit: 1.00 (Year) Science/Technology  
 Prerequisite: Admission into the MST Magnet Program

This course is the first in a series designed in combination with advanced English, math and science courses to introduce students to the scope, rigor and discipline of designing, completing and reporting on research projects. The course helps students understand the fields of engineering/engineering technology, problem solving and scientific research. Students will explore various technology systems and to learn how engineers, scientists and technicians use math, science and technology in scientific and engineering problem solving processes. This course also includes concerns about social and political consequences of technological change, career planning and introductory physics concepts and formulae. Students will also become proficient in working as a contributing member of a team, using appropriate media to communicate with a wide variety of audiences, and the management of time, resources and projects. Students will produce a major project for our May Symposium. The class meets daily during the regular school day.

#### **AP ENVIRONMENTAL SCIENCE MST (Ninth Grade MST Magnet Program)**

Course Code: Student will be placed in class once accepted  
 Credit: 1.0 (Year) Lab Science  
 Prerequisite: Admission into the MST Magnet Program; \$20 fee

This is a challenging course that is equivalent to a freshman level college environmental science class. Students will be prepared to take the AP Environmental Science exam in May. This course is fast-paced as students study environmental science with both breadth and depth. Laboratory work, current events, and connections to the local environment are strongly emphasized. Recommended for students who are passionate about the environment-related majors in college. Students shall review AP Acknowledgement form prior to entering this course.

#### **PRE-AP ENGLISH 10 MST (Tenth Grade MST Magnet Program)**

Course Code: MSTE03 & MSTE04  
 Credit: 1.00 (Year) English Major: College Prep English: Language Arts  
 Prerequisite: Admission in the MST Magnet Program

The Pre-AP English 10 MST course is largely based upon the study of literature and composition with special emphasis on developing student understanding of research writing and process. Its primary focus is to help develop students' ability to critically read, think, research, discuss, and write about literature and the world they live in. Wherever it is logical and possible, activities and assignments in this course will be integrated either thematically and/or topically with the MST AP Biology course. Some of the coursework and time in this class (approximately 10-20%) will be devoted to students developing their MST research project(s) for their sophomore year.

#### **AP BIOLOGY - MST (Tenth grade MST Magnet Program)**

Course Code: MSTSC7 & MSTSC8  
 Credit: 1.00 (Year) Lab Science  
 Prerequisite: 10th grade MST Magnet Program status; \$20 fee

AP Biology is the equivalent of a freshman level college biology class. The focus of this class is to prepare students for the comprehensive AP Biology test in May of each year. This course, designed to cover the breadth and depth of biology, is fast paced and challenging. It requires consistent, strong, and disciplined study skills. Students will complete a multi-disciplinary MST project each semester. Students shall review AP Acknowledgement form prior to entering this course.

#### **MST RESEARCH SEMINAR 10**

Course Code: MST101 & MST102  
 Credit: .50 Semester credit extended over one year  
 Prerequisite: 10th grade MST Magnet Program status

The primary emphasis is on improving student independent study, problem solving, and research reading, writing and presentation skills. Students will produce a major project for our May Symposium. This class meets zero period once per week, and/or online.

### **MST RESEARCH SEMINAR 11**

Course Code: MST111 & MST112

Credit: .50 Semester credit extended over one year

Prerequisite: 11th grade MST Magnet Program status

The primary emphasis is on preparing the student for their MST Senior Research Project and if desired and available for their Senior Internship. This class meets zero period once per week, and/or online.

### **MST RESEARCH SEMINAR 12**

Course Code: MST121 & MST122

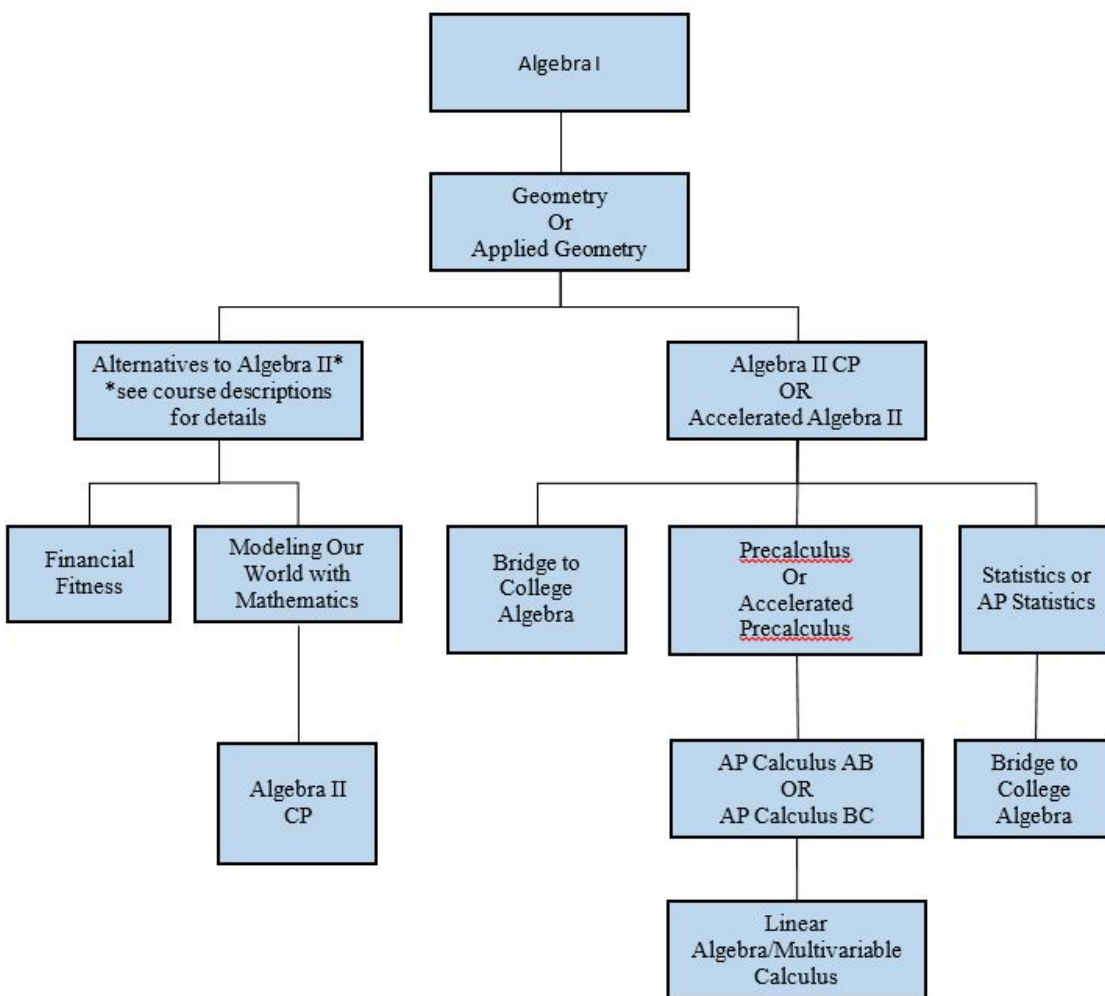
Credit: .50 Semester credit extended over one year

Prerequisite: 12th grade MST Magnet Program status

The primary emphasis is on completing the student's MST Senior Research Project. Students will produce a major project for our May Symposium. This class meets zero period once per week, and/or online.

## **MATHEMATICS**

Below is the mathematics four-year high school sequence chart: Students enter the ninth grade at the level of their ability and need to complete a minimum of three years of math for HS graduation. College bound students need a minimum of two years of Algebra and one year of Geometry. Many universities recommend four years of mathematics. Progression through mathematics courses is dependent on student performance and on the recommendation of the student's math teacher. The sequence below lists the progression that most students will follow which at CHS. However, depending on performance exceptions may apply.





### **ALGEBRA I**

Course Code: MTH301 & MTH302

Credit: 1.00 (Year) Math

Prerequisite: None

This course will emphasize linear functions, equations, inequalities, and graphing. It will also cover exponential and quadratic functions and data analysis.

### **GEOMETRY**

Course Code: MTH401 & MTH402

Credit: 1.00 (Year) Math

Prerequisite: Algebra I and teacher recommendation

This course has two primary goals: the development of clear and logical thinking; and the ability to solve practical problems. To accomplish this, students will perform geometric investigations. These investigations will lead to the discovery of geometric properties. The newly discovered geometric properties, along with prior knowledge, will be used in solving practical problems. Among the topics covered in this course are logical arguments and proofs, lines and angles, two and three dimensional figures and their properties, geometry in the coordinate plane, geometry transformations, reasoning problem solving and communication.

### **GEOMETRY THROUGH APPLICATIONS**

Course Code: MTH41A & MTH41B

Credit: 1.00 (Year) Math or Career and Tech Ed.

Prerequisite: Algebra I and math teacher recommendation

This course has two primary goals: the development of clear and logical thinking; and the ability to apply these skills in real world application projects. To accomplish this, Geometry through APPLICATIONS uses real world, application and problem-based learning to help students comprehend and solidify the Geometric concepts. Newly learned geometric properties, along with prior knowledge, will be used in solving practical problems that arise in projects involving engineering, architecture, construction and other disciplines. Among the topics covered in this course are logical arguments and proofs, lines and angles, two and three dimensional figure and their properties, geometry in the coordinate plane, geometry transformations, reasoning problem solving and communication

### **ALGEBRA II College Prep**

Course Code: MTH331 & MTH332

Credit: 1.00 (Year) Math

Prerequisite: Geometry and math teacher recommendation

This course extends the study of the real number system used in Algebra I and Geometry. The topics will include numerical, graphical and symbolic approach to the study of linear, quadratic, polynomial, exponential, logarithmic functions, conic sections, and statistics. The student who masters the material offered in Algebra II CP will be prepared to take Pre-Calculus or AP Statistics.

### **ACCELERATED ALGEBRA II**

Course Code: MTH333 & MTH334

Credit: 1.00 (Year) Math

Prerequisite: Admission in the MST Magnet Program or math teacher recommendation

Accelerated Algebra II is the study of the complex number system, symbolic manipulation, and functions. Advanced algebraic and data analysis techniques incorporating the use of technology enable students to discuss, represent, and solve increasingly sophisticated real-world problems. Topics studied include the properties for functions, the algebra of functions, matrices, systems of equations, and probability and statistics. Linear, quadratic, exponential, logarithmic, polynomial, and rational functions are studied with emphasis on making connections to other disciplines and as a preparation for a multitude of careers. It is recommended that students purchase a TI-83 or TI-84 graphing calculator for this class.

### **BRIDGE TO COLLEGE ALGEBRA**

Course Code: MTH351 & MTH352

Credit: 1.0 (Year)

Prerequisite: Math teacher recommendation

College Algebra Prep is a yearlong course focusing on the key concepts that prepare students for entrance into non-calculus pathway college level mathematics courses. This course emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington State's K-12 Mathematics Learning Standards. Topic include building and interpreting functions (linear, quadratic and exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. This course is designed to focus on building conceptual understanding, reasoning and mathematical skills and provides students engaging activities that build flexible thinking and promotes a growth mindset. For seniors who score a level 2 on the Smarter Balanced 11th grade assessment and earn a B or better in the course have the opportunity to place into college-level math when entering a Washington State College directly after high school.

### **CWU PRECALCULUS**

Course Code: CWUMH1 & CWUMH2

Credit: 1.00 (Year) Math (Fee charged for CWU college credit)

Prerequisite: Algebra II CP or Algebra II and math teacher recommendation

This course is designed for the math student who plans to take calculus or the student who wants to be prepared for the technical working world of trigonometry, statistics, and mathematical modeling. Trigonometric and polynomial functions, statistics, models, transformations and probability will be

taught using a numerical, graphical and symbolic approach. The student who excels will be prepared to enter a calculus course or college level math for science and engineering. It is required that students in this course purchase a TI-83 or TI-84 graphing calculator.

### **ACCELERATED PRE CALCULUS-- CWU COLLEGE CREDIT OPTION**

Course Code: MTH603 & MTH604

Credit: 1.00 (Year) Math

Prerequisite: Accelerated Algebra II and/or math teacher recommendation

This course will prepare students to be successful in AP Calculus BC. The first semester of the course will cover advanced algebra concepts, as well as an in-depth study of trigonometry. The second semester will begin the introduction of calculus, covering topics including: limits, continuity, rates of change, and rules and applications of the derivative. It is expected that students who successfully complete this course will enroll in AP Calculus BC the following year. It is required that students in this course purchase a TI-83 or TI-84 graphing calculator.

### **AP CALCULUS AB**

Course Code: MTH621 & MTH622

Credit: 1.00 (Year) Math

Prerequisite: Pre-Calculus and math teacher recommendation

This course is recommended for students planning a career in Business, Science, Mathematics, or Engineering. The core Calculus topics are presented to students numerically, graphically, and symbolically. These topics include limits and continuity, differentiation and integration of algebraic and transcendental (trigonometric, logarithmic, and exponential) functions and applications. It is required that students in this course purchase a TI-83 or TI-84 graphing calculator. Students will have the opportunity to take the Advanced Placement (AP) Calculus AB Exam in May. Students shall review AP Acknowledgement form prior to entering this course.

### **AP CALCULUS BC**

Course Code: MTH623 & MTH624

Credit: 1.00 (Year) Math

Prerequisite: Accelerated Pre-Calculus or AP Calculus AB and math teacher recommendation

This course will continue the work begun in Accelerated Pre-Calculus or Calculus AB, preparing students to take the AP Calculus (BC) exam in May. The course will include a review of limits and derivatives as well as their applications. New topics will include integrals and their applications, infinite sequences and series, as well as parametric, vector, and polar functions. It is required that students in this course purchase a TI-83 or TI-84 graphing calculator. Students shall review AP Acknowledgement form prior to entering this course.

### **STATISTICS**

Course Code: MTH643 & MTH644

Credit: 1.00 (Year) Math or Occupational Ed elective

Prerequisite: Algebra II and math teacher recommendation

This course provides an elementary introduction into probability and statistics with application. Topics include: Basic probability models; combinatorics; random variables; discrete and continuous probability distributions; statistical estimation; confidence intervals; and an introduction to linear regression. Simulations and activities are designed to aid students understanding of real world phenomena. Students will use a graphing calculator (purchase of a TI-84 or higher graphing calculator is required).

### **AP STATISTICS**

Course Code: MTH641 & MTH642

Credit: 1.00 (Year)

Prerequisite: Algebra II and math teacher recommendation

AP Statistics is the high school equivalent of a one semester, introductory college statistics class. In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for change phenomena. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests. Students use a graphing calculator (purchase of a TI-84 or higher graphing calculator is required) and statistical software to investigate statistical concepts. Students will have an opportunity to take the Advanced Placement (AP) Statistics Exam in May. Students shall review AP Acknowledgement form prior to entering this course.

### **CWU LINEAR ALGEBRA--CWU COLLEGE CREDIT OPTION**

Course Code: CWUMH3

Credit: 0.50 (Semester) Math (CWU)

Prerequisite: AP Calculus BC and math teacher recommendation

Designed to introduce students to the concepts of linear algebra. Topics include linear systems, matrices, matrices and determinants, eigenvalues and eigenvectors, linear transformations, Euclidean n-space, vector spaces, Eigenspaces, inner-product spaces, and the spectral theorem. Emphasizes applications and computation and includes some formal definitions and proofs.

### **CWU MULTIVARIABLE CALCULUS--CWU COLLEGE CREDIT OPTION**

Course Code: CWUMH4

Credit: 0.50 (Semester) Math

Prerequisite: AP Calculus BC, Linear Algebra and math teacher recommendation

This course covers vector and multivariable calculus. Topics include vector calculus in two- and three-space, differential and integral calculus of multivariable functions, line and surface integrals, Green's theorem, the divergence theorem, and Stokes' theorem. Includes formal definitions and proofs of standard theorems.

### **MODELING OUR WORLD WITH MATHEMATICS**

Course Code: MTH203 & MTH204

Credit: 1.00 (year) Math Elective or Math Alternative for Algebra II requires parent sign off

Prerequisite: Algebra I and Geometry. Juniors and Seniors may take this course if they need to meet graduation requirements

This class uses real world examples to model mathematics. The materials focus on strengthening math concepts and skills learned in Algebra I and Geometry to help prepare students for Algebra II. This class also serves as an alternative to the graduation requirement for the Smarter Balanced Assessment. Units include: Finances for Life, Civic Readiness, Health and Fitness, the Digital World, and Arts and Music.

### **FINANCIAL FITNESS**

Course Code: BUS200 & BUS201

Credit: 1.00 (year) Math Elective or Math Alternative for Algebra II

Prerequisite: None for Elective; Required Math alternative need signed parent approval; Students taking this class should have passed Mathematics SBA

This project-based and hands-on course designed for the older student will help learners take charge of their personal finances while preparing them for independence after high school. The course addresses the knowledge, skills, attitudes, and behaviors associated with the management of family economics and financial education while applying them in simulated "real-life" situations. Topics include: decision-making, goal setting, paychecks, taxes, budgeting, credit and debit, saving, and investing.

## **PHYSICAL EDUCATION (FITNESS) & HEALTH**

Only one P.E. class is recommended each semester; all classes are co-educational. Students are expected to meet PE requirements during the regular school day – Independent PE is open to students in grades 11 and 12. PE Waivers are open only to seniors who meet certain curriculum criteria (e.g. rigorous college prep program, etc.). Students must follow an application procedure for either Independent PE or PE waiver; neither is automatically granted and will be denied if PE will fit into the student's schedule. **Students may not serve as TA's if they have not met their PE credit.**

**BODYWORKS - CWU COLLEGE CREDIT OPTION** (1 CWU PE credit is offered either semester; 4 CWU Health credits are offered if enrolled in BOTH semesters).

Course Code: PEDBW1 & PEDBW2 (CWU Option Course Codes: CWU-PE & CWUHED)

Credit: .50 (semester) or 1.00 (year) P.E. Elective

Prerequisite: None (only grades 10-12 can earn CWU credits)

This class is designed for students (9-12th grades) who want to get fit in a non-aggressive manner. We focus on health/fitness concepts combined with recreational activities/games, cardio/strength activities, and nontraditional activities such as yoga, Pilates, and a variety of others. First semester takes a deep dive into nutrition, while second semester offers the opportunity to become certified in CPR/AED/First Aid through the American Red Cross... just in time for summer jobs! This class is fun!

### **WEIGHT TRAINING**

Course Code: PED101 & PED102

Credit: .50 (Semester) or 1.00 (Year) P.E., Elective

Prerequisite: None - (Freshman PE must be passed)

This class is designed for students who are interested in increasing muscular size and strength. Students will use a split routine system focusing on muscles that push or pull. Weight Training is offered during the regular school day.

### **ZERO PERIOD ADVANCED SPORTS TRAINING**

Course Code: PED151 & PED152

Credit: .50 (Semester) or 1.00 (Year) P.E., Elective

Prerequisite: 1<sup>st</sup> semester 11/12<sup>th</sup> grades only; 2<sup>nd</sup> semester 9-11<sup>th</sup> grades only.

This class is designed for students who are interested in increasing muscular size and strength. Students will emphasize Olympic lifting and sports training. Zero period Advanced Sports Training is offered before 1st period, Monday through Friday. Requires self-discipline to arrive on time on a regular basis AND you must provide your OWN transportation.

### **ZERO PERIOD CROSS-TRAINING**

Course Code: PED153 & PED154

Credit: .50 (Semester) or 1.00 (Year) P.E., Elective

Prerequisite: None - (Freshman PE must be passed)

This class is designed for students in grades 9-12 who are interested in increasing strength, speed and agility, and balance using a variety of workouts and activities. Learn how to do exercises with a variety of equipment such as TRX bands, kettlebells, and medicine balls. Circuits and competitive

games included. Zero period Cross-Training is offered before 1st period, Monday through Friday.. Requires self-discipline to arrive on time on a regular basis AND you must provide your OWN transportation.

### **ADVANCED FITNESS**

Course Code: PED301 & PED302

Credit: .50 (Semester) or 1.00 (Year) P.E., Elective

Prerequisite: None - (Freshman PE must be passed)

Designed for 10-12th graders and for the sports loving, athletic student. Activities will include a variety of different workouts and several highly competitive team sports.If you love PE, take this class.

### **CROSS-TRAINING**

Course Code: PED140 & PED142

Credit: .5(Semester or 1.00(Year) P.E., Elective

Prerequisite: None - (Freshman PE must be passed)

Designed for 10-12th graders. This class is designed for students who are interested in increasing strength, speed and agility, and balance using a variety of workouts and activities. Learn how to do exercises with a variety of equipment such as TRX bands, kettlebells, and medicine balls. Circuits and competitive games included.

### **INDEPENDENT PE I**

Course Code: PED503

Credit: .50 (Semester) P.E., Elective

Prerequisite: Junior / Senior standing and instructor approval

This class is designed for seniors who cannot fit a regular fitness class into their schedule due to a heavy class load and need to fulfill the state requirement for health/fitness. Students are required to complete pre and post-fitness tests after school, written projects, and log 82.5 hours of fitness activity. It is highly recommended (but not required), to have a gym membership, a certified outside coach, or a personal trainer to supervise hours logged. Running Start students are recommended to take their PE through Clark as well.

### **INDEPENDENT PE 2**

Course Code: PED504

Credit: .50 (Semester) P.E., Elective

Prerequisite: Junior/Senior standing and instructor approval. Must have taken IPE I prior to taking this class.

This class is designed for seniors who cannot fit a regular fitness class into their schedule due to a heavy class load and need to fulfill the state requirement for health/fitness. Students are required to complete pre and post-fitness tests, written projects, and log 82.5 hours of fitness activity. It is highly recommended (but not required), to have a gym membership, a certified outside coach, or a personal trainer to supervise hours logged. Running Start students are recommended to take their PE through Clark as well.

### **FRESHMAN HEALTH & FRESHMAN FITNESS (9th PE)**

Course Code: HED110 (Health) & PED009 (Fitness)

Credit: .50 (Semester) Health & .50 (Semester) Fitness

Prerequisite: None

The Freshman Health The Freshman Health semester class is a comprehensive course that covers multiple topics that are related to current day issues. CPR certification is included.The Freshman Fitness semester class emphasizes correct motor skill movement, confidence in team activities, good sportsmanship, fitness analysis and planning, and improvement in major fitness components.

## **SCIENCE**

**Department Philosophy:** The Science Department encourages each student to take as much science as possible in high school. The thinking skills acquired will be useful in any endeavor the student will pursue. For those considering a science related career, the department recommends taking at least the three basic sciences at some level: Biology, Chemistry, and Physics. Human Anatomy is recommended as an advanced science elective choice. Majors: Science and Technology; Medical Careers; Health Sciences; Engineering; Math; General Science

### **PHYSICAL SCIENCE (9th Grade Science)**

Course Code: SCI039 & SCI049

Credit: 1.00 (Year) Lab Science

Prerequisite: None; \$20 fee

Physical Science examines the interaction of matter and energy using science as a systematic method of discovery and knowledge. The first semester is concentrated on chemistry, when students study the periodic table, atomic structure, chemical bonds and reactions. The second semester is focused on physics, when students will explore the laws of motion, forces, energy, waves, electricity and magnetism. In this class students will use scientific practices such as modeling, inquiry, experimental design, collaboration and scientific argumentation.

### **AP ENVIRONMENTAL SCIENCE (9TH Grade Science Option)**

Course Code: SCI175 & SCI176  
Credit: 1.00 (Year) Lab Science  
Prerequisite: Grades 9-12; \$20 fee

This course incorporates content from biology, physics, chemistry, and social science, with topics as varied as fluid mechanics and the price of tea in China. Environmental Science is more comprehensive than any of these subjects, yet simpler. The goal of environmental science is to understand how we fit into the world by using empirical evidence to predict consequences of our actions. This rigorous and integrated course will not only prepare you to participate in discussions on environmental policy and decision-making but also to formulate your own scientific questions and test them. By the time you take the AP Environmental exam in May, you will have mastered the content of this test and become environmental leaders. Students shall review AP Acknowledgement form prior to entering this course.

### **BIOLOGY**

Course Code: SCI101 & SCI102  
Credit: 1.00 (Year) Lab Science  
Prerequisite: None; \$20 fee

The basic course is an introduction to the principles and concepts of Biology, including cell biology, genetics, photosynthesis, respiration, ecology, and evolution. This is essentially a laboratory course, averaging one investigative activity or project a week. These laboratories are student directed and are necessary for satisfaction of the state lab science requirement. Every sophomore is required to pass the Biology EOC exam.

### **AP BIOLOGY**

Course Code: SCI171 & SCI172  
Credit: 1.00 (Year) Lab Science  
Prerequisite: Biology recommended; A or B in Physical Science recommended for Freshmen; \$20 fee

AP Biology is the equivalent of a freshman level college biology class. The focus of this class is to prepare students for the comprehensive AP Biology test in May of each year. This course, designed to cover the breadth and depth of biology, is fast paced and challenging. It requires consistent, strong, and disciplined study skills. Students should take this course if they want a challenge, desire to be better prepared for college, and are considering careers in medicine or a life science related field. Every sophomore is required to pass the Biology EOC exam. Students shall review AP Acknowledgement form prior to entering this course.

### **CHEMISTRY**

Course Code: SCI201 & SCI202  
Credit: 1.00 (Year) Lab Science; \$20 fee  
Prerequisite: C or better in Geometry or instructor approval

This class provides a program designed for students interested in the fundamental issues about the composition of the world about them. Chemistry as well as Biology and Physics are all required for a proper understanding of the fundamental laws governing the natural world. For students interested in a career in chemistry, engineering, or medicine and related fields, Chemistry is strongly recommended.

### **AP CHEMISTRY**

Course Code: SCI251 & SCI252  
Credit: 1.00 (Year) Lab Science  
Prerequisite: Completed Algebra II with a B or better or instructor approval; A year of Chemistry is highly recommended; \$20 fee

AP Chemistry is a challenging course that is the equivalent of a freshman level college chemistry class. This class would prepare the student to take the AP Chemistry test in May. This is a challenging and fast paced course that requires consistently strong discipline and responsible study skills. Recommended for students planning to major in chemistry, biology, or engineering areas. Students shall review AP Acknowledgement form prior to entering this course.

### **PHYSICS**

Course Code: SCI301 & SCI302  
Credit: 1.00 (Year) Lab Science  
Prerequisite: Algebra II or instructor approval; \$20 fee

This physics course will cover topics such as Newtonian mechanics, energy, momentum, waves, electricity, and optics. It moves at a slower pace than the AP class with more class time spent engaging with the material though covers a similar range of topics. Math topics such as Trigonometry will be taught and used to solve such challenges as vector problems. Recommended for college-bound students who are planning to major in a science-related field.

### **AP PHYSICS 1 - CWU COLLEGE CREDIT OPTION**

Course Code: SCI321 & SCI322 (CWU Credit Codes: CWUSC1 & CWUSC2)  
Credit: 1.00 (Year) Lab Science  
Prerequisite: Concurrent enrollment in Pre-Calculus - (Fee for college credit; \$20 fee)

This course provides exposure to the fundamental principles and processes of the physical world. Topics include basic concepts of motion, forces, energy, rotational motion, electricity, and optics. It moves at a quicker pace that matches with the first 2 semesters of an algebra based physics course in college. This gives us more time to engage with the material and develop the understanding. We use math such as trigonometry and algebra to understand and define the physical laws that govern our world. This class is ideal for college bound students looking at the science or medical fields.

Options exist for college credit through CWU as well as taking the AP Physics C test. Students shall review AP Acknowledgement form prior to entering this course.

### **AP PHYSICS C**

Course Code: SCI323 & SCI324

Credit: 1.00 (Year) Lab Science

Prerequisite: Passing grade in AP Physics 1; concurrent enrollment in Calculus or instructor approval; \$20 fee

Designed to be taken as a second year physics course. This class will be covering the AP physics C Electricity and Magnetism course as well as review of AP Physics C Kinematics. After taking the course, you will be prepared to take the AP physics C mechanics and AP physics C E&M tests. Students shall review AP Acknowledgement form prior to entering this course.

### **HUMAN ANATOMY AND PHYSIOLOGY**

Course Code: SCI126 & SCI127

Credit: 1.00 (Year) Lab Science

Prerequisite: 1.00 credit in Biology; \$20 fee

This class will familiarize students with the structure and function of the human body through lecture, discussion, research, and lab activities.

Dissections are an essential part of laboratory exploration. Anatomy and Physiology is recommended for students interested in careers related to all biological sciences, health occupations, teaching, and fire or police services.

### **PRINCIPLES OF TECHNOLOGY & ENGINEERING DESIGN (Ninth Grade MST Magnet Program)** Description found in Magnet Program

### **AP BIOLOGY MST** (Tenth Grade MST Magnet Program) Description found in Magnet Program

### **ASTRONOMY - OUR SOLAR SYSTEM AND/OR ASTRONOMY - THE UNIVERSE**

Course Code: SCI193 & SCI194

Credit: .50 for each semester class: Science Elective

Prerequisite: Passing grade in Physical Science; \$20 fee

These classes present an overview of the Solar System and the Universe. Both classes will include class lectures and discussions, student research using a variety of sources, and student presentations to the class. Note: These classes do not fulfill the Science requirement. These classes are not interdependent and students may take either or both.

The Solar System class (semester one), The Universe class (semester two)

### **FORENSIC SCIENCE**

Course Code: SCI128 & SCI129

Credit: 1.00 (Year) or .50 (Semester) Science Elective

Prerequisite: Passing grade in Physical Science

This course will introduce the students to the concept of what evidence is and how to collect it without destroying its forensic value. Students will explore the various areas that make up the broad category known as forensic science. These areas will include analysis of biological evidence, chemistry and trace evidence, physical patterns, and toxicology. Students will be provided actual cases to study illustrating how forensic science was used in each case. This course is intended for those interested in learning the discipline of forensic science and crime scene investigations. Students will be introduced to crime scene analysis and techniques including forensic entomology, botany, pathology, blood chemistry, anthropology, physical and trace evidence and ballistics.

### **AP ENVIRONMENTAL SCIENCE CWU COLLEGE CREDIT OPTION**

Course Code: SCI175 & SCI176

Credit: 1.00 (Year) Lab Science

Prerequisite: At least Sophomore standing; \$20 fee  
Additional college fee for credit.

This course incorporates content from biology, physics, chemistry, and social science, with topics as varied as fluid mechanics and the price of tea in China. Environmental Science is more comprehensive than any of these subjects, yet simpler. The goal of environmental science is to understand how we fit into the world by using empirical evidence to predict consequences of our actions. This rigorous and integrated course will not only prepare you to participate in discussions on environmental policy and decision-making but also to formulate your own scientific questions and test them. By the time you take the AP Environmental exam in May, you will have mastered the content of this test and become environmental leaders. Students shall review AP Acknowledgement form prior to entering this course.

**(CWU College Class) ENST201: Earth as an Ecosystem & ENST202: Environment and Society**

### **BASICS OF BIOTECHNOLOGY**

Course Code: SCI119 & SCI120

Credit: 1.00 (Year) Science Elective

Prerequisite: Biology (B or better); Chemistry recommended

This course integrates the fundamental concepts of life and physical sciences with the technical skills needed for work in a modern laboratory. The course focuses on basic laboratory methods, critical thinking, and communication skills used in the biotechnology industry. Students will learn standard operating procedures that include following written and oral instructions, creating and maintenance of a scientific notebook, and proper and safe use of all lab equipment and instruments. Laboratory activities include collecting and analyzing data, preparing solutions and media, using sterile technique,

and preparing cell cultures. In addition to lecture-discussions and computer-assisted instruction, students will work in cooperative learning groups that simulate the team strategies used industrial and research laboratories

### **AP COMPUTER SCIENCE A**

Course Code: TEC403 & TEC404

Credit: 1.00 (Year) Career and Tech Ed. ; Science Elective

Prerequisite: Robotics Engineering 2 and completed Geometry, or permission

Students will learn programming in Java as they prepare for the AP Computer Science test. While most of our programming projects will be completed in class, students should have access to a computer and internet at home capable of running a current Java integrated development environment, and comfortable with high-school level electronic communication. Students shall review AP Acknowledgement form prior to entering this course.

## **SPECIAL EDUCATION**

All special education classes are designed to serve students who have met the specific criteria of the Washington State Special Education Guidelines. Certain classes have a smaller student teacher ratio than the general education classes and provide students with small group and individualized instruction. The number of special education courses and/or general education courses students may enroll in is determined by the Individual Educational Planning Team. Students should enroll for the appropriate courses as approved by their Case Manager who will follow up with Guidance Counselors to ensure placement in the appropriate class as decided by the IEP team.

## TECHNOLOGY EDUCATION

The CamTech Program is an opportunity for students to become part of a technical program with other like-minded students who have similar interests in STEM (Science, Technology, Engineering and Math). Within the CamTech program students will have the ability to gain knowledge and learn skills in a variety of technical areas. During the Junior/Senior year, students can pursue professional internship opportunities as part of their program experience. Students completing the CamTech program will receive recognition on their high school transcript and will be recognized at graduation. The successful completion of the program will allow students to share their accomplishment on future employment and college entrance applications. Major areas of study include: Engineering & Industrial Design, Robotics Engineering, Visual Communications, Computer Science and Programming, Construction & Machine Tool Fabrication. All high school students are welcome in the CamTech program and can apply to enter at any time.

**"CamTech Pathway"**  
The framework for the program...

### Getting Started

Locate the CamTech website and apply to enter the program. In ninth grade (or any other year if your just starting out) it's suggested students take the foundations course titled "Intro to Technology", OR start by taking any courses in a strand area of interest.

Students can enter the CamTech program at any time. Program courses you've previously taken can be applied to your program strand of choice. So it's never too late to be recognized for course work you have already completed.

### The Program Strands

Students will choose one or more CamTech Program Strands to focus on and complete. To "complete" a Program Strand a minimum of 2.5 credits are required. NOTE: The Core Courses (\*) for each strand that are required.

### CTSO's (Optional Leadership Programs)

All students are encouraged but not required to take part in a CTSO "Career & Technical Student Organization". Recognized organizations include: **SkillsUSA**, **First Robotics** and **Science Olympiad**.

### Senior CamTech Project

In September of the Senior year, students will identify and apply for approval of a "Senior CamTech Project". In late Spring students are required to attend and present their project at our Program Showcase. **Note:** The CamTech Project "CAN BE" your Senior Project, as long as it relates to one of our program strands and is approved through the program.

### Recognition & Graduation

Students completing a program strand and their Senior CamTech Project will graduate with "CamTech Program Honors" and earn the following.

- Recognition of your CamTech program completion on your "CHS Graduation Transcript"
- Certificate of program completion for use on:
  - Employment Resumes and Job Applications
  - College Entrance Applications
- Senior Graduation Recognition "Honors Sash"
- "CTSO Participants" will receive a Senior Graduation "Honors Sash & Cord"

Visit with your Counselor or CamTech staff member about our CamTech Pathway Strands to learn more about your course options.



## **CamTech College and Career Launch Pad**

### **CamTech Foundations Class - Intro to Technology 1&2**

This year-long suggested introductory course will introduce students to all the CamTech Strands and a variety of entry level skills each program has to offer. This is not a mandatory course but will allow students to experience a variety of areas to help them to determine where they'd like to specialize and advance in the program. Student can enter upper level courses without taking this introduction course.

### **CamTech Program Strands (\* Core Required Course)**

Robotics Engineering	Visual Communications	Computer Science & Programming
<ul style="list-style-type: none"> <li>- Robotics Engineering 1 (1.0) *</li> <li>- Robotics Engineering 2 (1.0) *</li> <li>- Intro Coding Python 201 A&amp;B (.5)</li> <li>- Python Coding 202 A&amp;B (.5)</li> <li>- AP Computer Science (1.0)</li> <li>- Fab Lab 1 (1.0/.5)</li> <li>- CamTech Seminar (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>- Digital Photography (.5) *</li> <li>- Adv. Digital Photography (.5) *</li> <li>- AP Digital Photography (1.0)</li> <li>- Graphic Design (1.0) *</li> <li>- Digital Drawing (.5)</li> <li>- Website Design (1.0/.5)</li> <li>- Engineering &amp; CADD (1.0/.5)</li> <li>- Architectural Design (1.0/.5)</li> </ul>	<ul style="list-style-type: none"> <li>- Intro Coding Python 201 A&amp;B (.5) *</li> <li>- Python Coding 202 A&amp;B (.5) *</li> <li>- AP Computer Science (1.0) *</li> <li>- Robotics 1 &amp; 2 (1.0 ea.)</li> <li>- Research Design Engineering (1.0)</li> <li>- Website Design (1.0/.5)</li> <li>- CamTech Seminar (1.0)</li> </ul>

Fabrication (Fab Lab)	Engineering & Industrial Design
<ul style="list-style-type: none"> <li>- Engineering &amp; CADD (1.0/.5) *</li> <li>- Fab Lab 1 (1.0) *</li> <li>- Fab Lab 2 (1.0/.5) *</li> <li>- Robotics Engineering 2 (1.0)</li> <li>- 3D Modeling &amp; 3D Printing (1.0/.5)</li> <li>- CamTech Seminar (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>- Engineering &amp; CADD (1.0/.5) * OR</li> <li>- Architectural Design (1.0/.5) *</li> <li>- Fab Lab 1 &amp; 2 (1.0/.5) *</li> <li>- Research Design Engineering (1.0)</li> <li>- 3D Modeling &amp; 3D Printing (1.0/.5)</li> <li>- CamTech Seminar (1.0)</li> </ul>

### **Internships – CamTech Seminar – Senior Project**

- Seniors in the program are required to research and complete a CamTech Project.
- To support the CamTech Project, it's suggested that Seniors should enroll in the CamTech Seminar course their Senior year to assist with completing the project.
- The CamTech Project will be presented/displayed at the spring CamTech Program Showcase.
- This Project can be related to their internship or participation in interscholastic competition.
- While an internship is not required, students can seek assistance with acquiring an internship or apprenticeship opportunity during their Junior and Senior summer or school year.
- Upon completion of 2.5 or more credits in a Program Strand; complete a Senior CamTech Project; participate in an optional Career & Technical Student Organization CTSO; you will graduate with CamTech honors and earn a certificate of program completion. Some industrious students may walk with a "Double Certificate".

### INTRODUCTION TO TECHNOLOGY

Course Code: TEC001

Credit: .50 (Semester) Career and Tech Ed. , Elective

Prerequisite: None; Highly recommended for entry level into upper level Technology Courses

A project-based and design-oriented course consisting of sections that introduce students to the following technical areas: Fabrication, Digital Design, Digital Photography, Engineering & CAD, 3D Modeling/Printing, Web Design, Computer Programming, Video Production, and Computer Animation.

### INTRODUCTION TO TECHNOLOGY II

Course Code: TEC002

Credit: .50 (Semester) Career and Tech Ed. , Elective

Prerequisite: None; Highly recommended for entry level into upper level Technology Courses



A project-based and design-oriented course that introduces students to the technical side of fabrication, including: Laser Cutting, CNC, 3D Modeling, 3D Printing, Vector Design, and general Product Design and Manufacturing.

### **ARCHITECTURAL DESIGN**

Course Code: TEC223 & TEC224

Credit: 1.00 (Year) or .50 (Semester) Career and Tech Ed.; Career and Tech Ed., and Fine Arts Elective

Prerequisite: None; Fee \$5 per Semester

This course will provide students with the opportunity to study and apply hands-on skills relating to Architectural Design and CAD. Additional activities will have students design and engineer models to reinforce concepts in Architecture. Computer 3D modeling will be introduced to expand on the industrial and architectural design process.

### **ENGINEERING & CADD**

Course Code: TEC225 & TEC226

Credit: 1.00 (Year) or .50 (Semester) Career and Tech Ed.; Career and Tech Ed., Elective

Prerequisite: None; Fee \$5 per Semester

This course is for any student interested learning about Engineering and CADD (Computer Aided Design & Drafting) skills and applications. Problem solving and engineering design skills will be set in motion with students designing and building solutions to a variety problems in our CADD and Fabrication labs. AutoCAD, Fusion 360, Inventor and SketchUp will be some of the computer applications used in this course.

### **WEBSITE DESIGN**

Course Code: ART301 & ART302

Credit: 1.00 (Year) or .50 (Semester) Career and Tech Ed. , Fine Arts Elective

Prerequisite: None; Fee None

This course will focus on the setup and design process for building web and blog sites using Adobe Dreamweaver, HTML/CSS Coding, Wordpress and Google Sites. Support skills will be developed in graphic design, graphic editing, html/css coding and animation. The class will be using a variety of graphic design and web editing software to include; Adobe Dreamweaver, Photoshop, Fireworks, Adobe Animate, Wordpress and Google Sites.

### **JOURNALISM / NEWSPAPER**

Course Code: ENG401 & ENG402

Credit: 1.00 (Year) or .50 (Semester) Career and Tech Ed. elect (1.00 Fine Art Credit if enrolled 4 years)

Prerequisite: Instructor approval and must purchase an ASB sticker by October 1

This course will focus on learning the skills to maintaining a website, including advertising, digital layout, photography, writing, interviewing, understanding current world issues, time management and meeting deadlines and having fun.

### **FAB LAB I**

Course Code: TEC310

Credit: 50 (Semester) Career and Tech Ed. , Elective each

Prerequisite: At least Sophomore standing; Fee \$10/semester-students will supply their own wood or metal for projects

**Fabrication Laboratory** is a hands-on activity-based course introducing students to a variety of knowledge and skills in the Machine Shop, Woodworking, and Manufacturing industry. Students will focus on skill related assignments and projects evolving out of these industrial areas. The manufacturing component will focus on the organization, material processing and management practices used in industry today to design and manufacture a variety of products. CADD, 3D Modeling, and CNC machines, will also be applied in the course.

### **FAB LAB II**

Course Code: TEC311

Credit: 50 (Semester) Career and Tech Ed. , Elective each

Prerequisite: At least Sophomore standing; Fee \$10/semester-students will supply their own wood or metal for projects

**Fabrication Laboratory II** is a hands-on activity-based course for students experienced in variety of knowledge and skills in the Machine Shop, Woodworking, and Manufacturing industry. Students will focus on skill related assignments and projects evolving out of these industrial areas. The manufacturing component will focus on the organization, material processing and management practices used in industry today to design and manufacture a variety of products. CADD, 3D Modeling, and CNC machines, will also be applied in the course.

### **GRAPHIC DESIGN**

Course Code: TEC161 & TEC162

Credit: 1.00 (Year) Career and Tech Ed. , Fine Arts, Elective

(3 college credits may be earned at Clark College for this class through a vocational articulation program if completing a two full credits.)

Prerequisite: None; Computer application or art skills

This course is designed for students interested in graphics and creative arts world. You will be using Photoshop, Illustrator, and InDesign for your designs. Your creative skills will grow and your technical skills will be pushed to produce images you never thought possible.

### **DIGITAL PHOTOGRAPHY**

Course Code: ART904

Credit: .50 (Semester) Fine Arts, Career and Tech Ed. , Elective

Prerequisite: Intro to Technology or 10-12 grade status; Lab/color print fee \$25

This course is designed for the person that has always enjoyed taking photos or appreciated photography. This course will take you into the digital age working with cameras that are so much more than you average point and shoot. This is not a cell phone class. We will take you through the shooting basics with Canon cameras and then into the digital darkroom. Using Photoshop to produce amazing images that you always wanted to create.

### **ADVANCED DIGITAL PHOTOGRAPHY**

Course Code: ART906

Credit: .50 (Semester) Fine Arts, Career and Tech Ed. , Elective

Prerequisite: "One semester of Digital Photography; Lab/color print fee \$30

This course takes students to the next level. We will work strictly in camera RAW and cover photo manipulations, panoramic, HDR technology, modeling photos, macro, telephoto, senior portraits, and product photography. Strong emphasis is placed on client communication and organization.

### **AP DIGITAL PHOTOGRAPHY**

Course Code: ARTAP1 & ARTAP2

Credit: 1.0 (Year) Fine Arts, or Career and Tech Ed. Elective

Prerequisite: One semester of Digital Photography with a 90% or higher

Design and Art category. This class will be a yearlong program. The student will be integrated into one of the three photography classes offered.

Students will complete 12 pieces to meet the breadth category and 12 pieces of a focus area. Students shall review AP Acknowledgement form prior to entering this course.

### **COMPUTER 3D MODELING & 3D PRINTING**

Course Code: TEC125

Credit: 1.00 (Year) or .50 (Semester) Career and Tech Ed.

Prerequisite: None; Lab Fee \$5 per Semester

In this course students will learn how to create three-dimensional computer model images using a variety of computer programs like Fusion 360, Inventor, and Google SketchUp. Students will be designing a variety of consumer related products and objects. Additional elective opportunities will allow students to design models of their own choice. Many of the models will be 3D Printed and or built in our lab using a variety of materials.

### **DIGITAL DRAWING**

Course Code: ART900

Credit: .50 (Semester Class) Fine Arts or Career and Tech Ed. , Elective

Prerequisite: None

If you enjoy drawing or painting, this class is for you. You will create illustrations that will amaze all your friends. Take sketches from paper into the computer and turn them into colorful works of art. You will be using Adobe Illustrator and Adobe Photoshop hand in hand. No illustration is too hard for these programs with a little practice.

### **ANIMATION, DOCUMENTARY, and NARRATIVE FILMMAKING**

Course Code: TEC205 & TEC206

Credit: 1.00 (Year) Career and Tech Ed., Fine Arts Elective

Prerequisite: Fee \$20 per semester

This class builds a foundation in the language of cinema and the skills required to make your own narrative, documentary and animated films. Topics covered include composition and framing, camera operation, sound recording, lighting, use of music, editing, storytelling, screenwriting, storyboarding, and production workflow. Class time moves between technical instruction, film viewings, individual and collaborative shooting assignments, and project screenings. You'll use professional cameras, microphones, lighting equipment and software to make your films: 6-8 projects including documentaries, narrative scenes, animated shorts and music videos. Computer at home not required.

### **ROBOTICS & ENGINEERING 1A & 1B**

Course Code: TEC401 & TEC402

Credit: 1.0 (Year 1A & 1B) or .50 (Semester) Career and Tech Ed.

Prerequisite: Fee \$5 per Semester

Students will learn to build and program robots. This is an introductory course designed to familiarize the student with robotics, programming, documentation, and engineering concepts in a problem-solving environment. Course 1A covers the basics of sensors, end effectors, movement, controllers and problem solving. Course 1B continues on to the use of robots in industrial settings, in hazardous situations, and in conducting experiments. Individualized projects are likely in 1B.

### **ROBOTICS & ENGINEERING 2**

Course Code: TEC411 & TEC412

Credit: 1.00 (Year) Career and Tech Ed.

Prerequisite: Robotics Engineering 1 or instructor approval; Fee \$5 per Semester

Physics of robotics and engineering; advanced programming in C; possible preparation for robotics challenges with other schools; building robots to solve specific problems, and designing/constructing specialized parts for robotics; individualized, team-based projects are likely.

### **GEOMETRY through APPLICATIONS**

Course Code: MTH41A & MTH41B

Credit: 1.00 (Year) Math and Career and Tech Ed. Credit

Prerequisite: Algebra I with at least a C grade and teacher recommendation

This course has two primary goals: the development of clear and logical thinking; and the ability to apply these skills in real world application projects. To accomplish this, Geometry through APPLICATIONS uses real world, application and problem-based learning to help students comprehend and solidify the Geometric concepts. Newly learned geometric properties, along with prior knowledge, will be used in solving practical problems that arise in projects involving engineering, architecture, construction and other disciplines. Among the topics covered in this course are logical arguments and proofs, lines and angles, two and three dimensional figure and their properties, geometry in the coordinate plane, geometry transformations, reasoning problem solving and communication

### **AP COMPUTER SCIENCE**

Course Code: TEC403 & TEC404

Credit: 1.00 (Year) Career and Tech Ed.

Prerequisite: Robotics Engineering 2 or an Into to Comp Science course, and have completed Geometry, or permission

Students will learn programming in Java as they prepare for the AP Computer Science test. While most of our programming projects will be completed in class, students show have access to a computer and internet at home capable of running a current Java integrated development environment, and comfortable with high-school level electronic communication. Students shall review AP Acknowledgement form prior to entering this course.

### **CAMTECH SEMINAR**

Course Code: TEC413 & TEC414

Credit: 1.00 (Year) Career and Tech Ed.

Prerequisite: CAMTECH/Robotics/Engineering 2 or AP Computer Science, Jr./Sr. Fee \$5 per Semester

Individualized, intensive preparation for STEM Junior or Senior Engineering Project and internship if available in a specialized field of study related to Computer Science, Mechanical or Electrical Engineering or Robotics. Preparation for Senior Project Presentation and career/educational options related to the Senior Engineering Project. Individualized, team-based projects are mandatory.

### **INTRODUCTION to CODING PYTHON 201**

Course Code: TEC006

Credit: 0.5 (Semester) Career and Tech Ed.

Prerequisite: None

This course provides an introduction to coding in Python. Students master basic coding concepts common to all programming languages, such as statements, conditionals, and loops, and are additionally introduced to: libraries, procedural graphics, and complex input. Student develop coding-related skills such as decomposition of large problems and problem-solving to plan solutions, as well as debugging, and analyzing code written by others. In addition, students also learn about the application of CS to real-world scenarios, and learn about career options in CS. Students completing this course will be able to create

### **INTRODUCTION to CODING PYTHON 202**

Course Code: TEC007

Credit: 0.5 (Semester) Career and Tech Ed.

Prerequisite: PYTHON 1 A or B

This course provides an introduction to coding in Python. Students master basic coding concepts common to all programming languages, such as statements, conditionals, and loops, and are additionally introduced to: libraries, procedural graphics, and complex input. Student develop coding-related skills such as decomposition of large problems and problem-solving to plan solutions, as well as debugging, and analyzing code written by others. In addition, students also learn about the application of CS to real-world scenarios, and learn about career options in CS. Students completing this course will be able to create

### **RESEARCH DEVELOPMENT AND PROTOTYPING**

Course Code: TEC004 & TEC005

Credit: 1.0 (Year) Career and Tech Ed. tion Ed.

Prerequisite: Introduction to Technology or Instructor's approval

Students will research product ideas, develop and design those ideas with computer software, then build prototypes while learning to use equipment such as CNC Mill, 3D Printer, Laser Engraver, and traditional metal and woodworking fab lab tools. Student will independently or in small teams complete a series of designed products.

### **RESEARCH DESIGN LEARNING PATHWAY I**

Course Code: TEC415 & TEC416

Credit: 1.0 (Year) Career and Tech Ed.

Prerequisite: Open to 9th and 10th Grade Students

This is a course for those who want to explore STEAM (Science-Technology-Engineering-Art-Math) and enjoy project-based learning. This class is designed to develop such skills as application of the research process, experimental design or engineering design, data analysis, problem-solving, and public speaking--skills that will help to prepare you for college and/or 21st century careers.

## **WORLD LANGUAGES**

CHS offers six world languages - American Sign Language (ASL), French, German, Japanese, Spanish and Mandarin. Most universities require two years of one world language study, while some require three or more years. By fulfilling this requirement, the student demonstrates the academic discipline that is necessary for success at the college level. World language study requires consistent study habits, strong **memorization skills**, and a willingness to communicate in the new language. Students must be prepared to spend at least 20 minutes daily for study and review of class material. Students are urged to choose a favored world language and to consider at least one alternative choice world language when forecasting.

### **1st YEAR FRENCH I, GERMAN I, JAPANESE I, MANDARIN I, SPANISH I**

Course Code: FRN101 & FRN102 (French), GER101 & GER102 (German), JPN101 & JPN102 (Japanese), CHN101 & CHN102 (Mandarin), SPA101 & SPA102 (Spanish)

Credit: 1.00 (Year) Elective

Prerequisite: B or better in English recommended (or department approval)

This course is an introduction to the language with an emphasis on academic skill-building, the study of grammar, and vocabulary memorization. The student develops the ability to read, write, speak, and understand the spoken language and explore some aspects of the culture. Incoming 9th graders who have strong English skills are encouraged to begin a World Language during their freshman year.

### **2nd YEAR FRENCH II, GERMAN II, JAPANESE II, MANDARIN II, SPANISH II**

Course Code: FRN201 & FRN202 (French), GER201 & GER202 (German), JNP201 & JP202 (Japanese), CHN201 & CHN202 (Mandarin), SPA201 & SPA202 (Spanish)

Credit: 1.00 (Year) Elective

Prerequisite: C or better in 1st year is recommended (or department approval)

This course is based on mastery of 1st year concepts. Students are expected to improve communicative competence by speaking, understanding, reading, and writing more independently.

### **3rd YEAR FRENCH III, GERMAN III, JAPANESE III, SPANISH III**

Course Code: FRN301 & FRN302 (French), GER301 & GER302 (German), JPN301 & JPN302 (Japanese), SPA301 & SPA302 (Spanish)

Credit: 1.00 (Year) Elective

Prerequisite: C or better in 2nd year recommended (or department approval)

This course is based on mastery of 2nd year concepts with review and expansion of grammar, increased vocabulary, reading comprehension, writing ability, speaking ability, and cultural understanding.

### **PRE-AP SPANISH III**

Course Code: SPA311 & SPA312

Credit: 1.00 (Year) Elective

Prerequisite: B or better in Spanish II

Like the standard Spanish 3 course, this course is a continuation of language studies with an emphasis on academic skill-building, the study of grammar, and vocabulary memorization. The student develops the ability to read, write, speak, and understand the spoken language and explore aspects of the culture. Unlike the standard course, students will be expected to use the language more consistently in both speaking and writing. This course is intended to prepare the student for success in AP Spanish in the future. This course is designed for the highly motivated student who grasps concepts easily; the teacher will provide, in Spanish, deeper use of concepts and culture rather than spend class time with basic vocabulary/grammar acquisition. The average amount of time based on preparation outside the class will be slightly more than the standard Spanish course, with occasional exceptions.

### **4th YEAR JAPANESE IV**

Course Code: JPN401 & JPN402

Credit: 1.00 (Year) Elective

Prerequisite: B or better in 3rd year; strongly recommended.

Advanced languages are challenging courses that are the equivalent of college language classes. This course is intended for students who have chosen to develop their proficiency in all four language skills: listening, speaking, reading, and writing. Fourth year language courses will only be offered when enrollment numbers are high enough to be viable. When available, these courses will provide extensive practice in class, but additional practice outside of class of about one hour per day will be necessary for those planning to take the **AP exam**. The **AP exam** is administered in May and students are encouraged to take the exam. A minimum of five students must enroll in order for this level class to take place.

### **AP LANGUAGE - AP SPANISH & AP JAPANESE**

Course Code: SPA401 & SPA402 (Spanish), JPN401 & JPN402 (Japanese)

Credit: 1.00 (Year) Elective - Major: World Language or International Studies

Prerequisite: At least three years of Spanish or Japanese and instructor approval

**AP World Language courses will be offered when enrollment numbers are high enough to be viable.** When the numbers are not high enough, students are encouraged to take the fourth year of either Japanese or Spanish where they will receive additional instruction to prepare for the AP exams offered in May. Students shall review AP Acknowledgement form prior to entering this course.

### **AMERICAN SIGN LANGUAGE I**

Course Code: ASL101 & ASL102

Credit: 1.00 (Year) Elective

Prerequisite: None

This course introduces the language and culture of Deaf people in America. This class is a performance based, non-verbal class that requires movement and "voices off." ASL grammar will be compared to English grammatical structure. Students will be introduced to the importance of non-manual grammatical signals, facial expressions and body movement. Dialogue practice with partners and in groups is used to remember vocabulary and to use eye contact. ASL questions, commands, classifiers, numbers, and simple sentence structure will be covered. Students are graded on participation in class, expressive and receptive evaluations. For this course, students who receive a B grade or better both semesters can receive four college credits from Mount Hood Community College.

### **AMERICAN SIGN LANGUAGE II**

Course Code: ASL201 & ASL202

Credit: 1.00 (Year) Elective

Prerequisite: American Sign Language I - Recommend a C or better in ASL I

This is an intermediate level course for students interested in gaining advanced sign language skills. Students will become more proficient in expressive, receptive, and conversational skills. Current issues in Deafness and more advanced grammar will be explored. This class is highly performance based. Students will learn how sign movements can be modified to change meaning, how and when facial expressions occur, and how body, head, and eye movements are used in phrasing and agreements.

Students are evaluated by class participation, assignments, quizzes, and tests (expressive and receptive). American Sign Language text, handouts, videos, and written English will be used to teach the class. Students are required to attend two Deaf community events per semester. For this course, students who receive a B grade or better both semesters can receive four college credits from Mount Hood Community College.

### **AMERICAN SIGN LANGUAGE III**

Course Code: ASL301 & ASL302

Credit: 1.00 (Year) Elective

Prerequisite: American Sign Language II - Recommend a C or better in ASLII

This is a performance based class. This course is a continuation of ASL with review and expansion of grammar, increased vocabulary, and voice interpreting skill acquisition. You will be videotaped weekly with peers and instructor in class analyzing your expressive skills. The third year of ASL will be offered only if there is staff available and an adequate number of students sign-up for the class. We will not offer this class as Independent Study. After school and weekend activities involving the Deaf community are required of all students. For this course, students who receive a B grade or better both semesters can receive four college credits from Mount Hood Community College.

## **ZERO PERIOD CLASSES**

**The ability to run zero period courses is dependent on staffing. We provide this option to seek interest in these classes in the case that running these courses is viable.**

**The following classes may be offered 0 Period for all grade levels. The course descriptions for these classes can be found under the appropriate section of the forecasting guide. Student must provide their own transportation. Students enrolled in Zero Period courses may be required to pay an additional fee for taking a seventh class.**

BEGINNING CERAMICS (ART137 & ART 138)

JAZZ BAND (Audition)

SELECT VOCAL ENSEMBLE (Audition)

SPANISH I (SPA103 & SPA104)

MANDARIN I (CHN103 & CHN104)

CROSS-TRAINING (PED153 & PED154)

ADVANCED SPORTS TRAINING (1st semester for grades 11 & 12, 2nd semester for grades 9-11) (PED151 & PED152)

ALGEBRA II CP (For Running Start students only) (MTH337 & MTH338)

**The following classes may be offered 0 Period for Seniors only. The course descriptions for these classes can be found under the appropriate section of the forecasting guide. Student must provide their own transportation. Seniors who are on track for graduation and opt to enroll in a Zero Period class will attend periods 0-5 and will leave campus at the end of 5th period. Seniors on track to graduate who enroll in seven class may be assessed an additional fee. Students earning credit recovery may not be assessed a fee for a seventh class.**

AP ENGLISH LITERATURE 12 (ENG211 & ENG212)

AMERICAN GOVERNMENT & WORLD GEOG./ CWI – CONTEMPORARY WORLD ISSUES (SOC318 & SOC319)

ENGLISH 12 (English Literature and Composition) (ENG207 & ENG208)

CWU PRECALCULUS (CWUMH5 & CWUMH6)

## **ADDITIONAL CLASSES**

### **LEADERSHIP ACTIVITIES**

Course Code: ASB401 & ASB402

Credit: 1.0 (Year) Elective

Prerequisite: Instructor approval; Students must purchase an ASB sticker by October 1.

This class is designed for ASB and Class Officers. The class members will have the opportunity to plan new school activities, review and evaluate present CHS activity procedures, and to learn individual leadership skills. Everyone will be expected to take an active part in the class and in community service projects.

### **ZERO PERIOD INTRODUCTION TO LEADERSHIP**

Course Code: ASB 403

Credit: .5 (Semester) Elective

Prerequisite: Students must purchase an ASB sticker by October 1.

This course will give students the opportunity to lead through service projects that focus on creating a positive school culture and climate for all students. Students enrolled in the course will hone their skills in working within a team and the various roles within a team, setting goals, and meeting deadlines. Students enrolled in this course will work closely with elected ASB leaders. The Character Strong curriculum will be the foundation for course study. You must provide your own transportation.

### **ASSIST**

Course Code: See counselor

Credit: .00 (Semester or Year)

Prerequisite: Counselor or administrator recommendation

Students may recover graduation credit lost through failed classes utilizing Odysseyware. Credits earned will be reflected on the students' transcript in the department in which recovered.

### **STUDENT AIDE CLASSES ARE INDIVIDUALLY LISTED:**

**Students may take no more than 4 semesters of any aide position in grades 9-12** - The following classes are graded (if the students does satisfactory work) with a Pass (P) and .50 credit per semester. Teachers must submit a written request to use the letter grade scale for their aides.

Elementary Aide / Tutor: Students may be assigned to a teacher in the neighboring elementary school as an aide or reading/math tutor for elementary students. This links an elementary student with a high school mentor.

### **LIBRARY ASSISTANT TRAINING**

Credit: 1.00 (Year) Elective

Prerequisite: Teacher - Librarian's approval

Library Assistants who work in the Library Information Center show evidence of excellent attendance, a strong sense of responsibility, and self-motivation. Library Assistants receive training in a variety of Library procedures including checking in and out materials, shelving, processing materials, handling of equipment, and using online research programs. They are tested on procedures and information skills, and outside reading is required as part of the course.

### **OFFICE INTERN (MAIN / ATTENDANCE OFFICE, ADMINISTRATORS, COUNSELORS, & A.D. OFFICE)**

Credit: 1.00 (Year) Elective

Prerequisite: Instructor approval

Office Intern position requires a mature, reliable student. Responsibilities include answering the office phone, routing calls, writing messages, greeting visitors, and courier services. Students will be trained by the appropriate staff member.

### **STUDENT LEARNING CENTER PEER TUTOR**

Course Code: AID501 & AID502

Credit: .50 (Semester) or 1.0 (Year) Elective

Prerequisite: Principal or designee approval

Students who enroll in this course will provide peer tutoring for students in the Student Learning Center. Responsibilities include working with time management, organization, student skills, test preparation, homework support. Students who select this option should have experience tutoring or working with study groups. Strong collaboration and communications skills are preferred.

### **STUDY SUPPORTS**

Course Code: AST203 & AST204

Credit: .50 (Semester) or 1.0 (Year) Elective

Prerequisite: None

The purpose of this elective course is to build your study skills toolkit. You will learn how to effectively study for tests, take notes, and set goals for assignment completion. The course is designed to meet each student's specific needs. Weekly and daily goals will be developed to help individual students improve their academic skill set. This course is designed to be a temporary means to give students academic supports and time to build academic skills. Our goal is to give students a skill set that allows them to return to a full academic schedule successfully. Ideally, students participate in this class for a semester can move out of the class after a semester.

### **TEACHER AIDE**

Credit: .50 (Semester) Elective

Prerequisite: Application and Instructor approval

Students can be assigned to a teacher at the high school as a teacher aide. In this capacity they are called on to do a number of tasks, depending on the teacher involved. Typical duties include word processing, running errands, taking roll, and assisting in some supervision, especially in PE classes. We do not encourage students to become teacher aides unless they have an interest in teaching as a profession or have a strong interest in the subject area they will assist.

### **PEER LEADERSHIP—UNIFIED PE**

Course Code: AID101 & AID102

Credit: .50 (Semester) or 1.0 (Year) Elective

Prerequisite: 10<sup>th</sup>-12<sup>th</sup> grades students and a desire to work with peers with special needs.

This class is an opportunity to work as a peer-buddy with a student(s) with special needs during a regular PE class. Peer-buddies will have the opportunity to participate and peer-coach on a daily basis. This includes being a partner in game activities and workouts at their level. This could be a good experience for someone who wants to coach, be a physical therapist, work in education, or just loves all kinds of people.

## **CASCADIA TECH ACADEMY**

Credit: 3.00 (Year-three periods)

Prerequisite: At least Junior or Senior standing & application selection

The Cascadia Tech Academy is a cooperative venture to provide excellent vocational training for high school juniors and seniors. Training is available in sixteen different Career and Tech Ed. programs. We have a limited number of places available at the Cascadia Tech Academy in each Career and Tech Ed. program.

Applications are available to qualified sophomores and juniors in February. We use a committee of staff members to determine which students best meet the requirements and will be selected for entry into each program.

The Cascadia Tech Academy functions as an extension of the student's home high school. Students complete their required subjects during three periods at their home high school and travel to the Cascadia Tech Academy for three periods of vocational training. There is also an opportunity for students to work on credit recovery while attending the Cascadia Tech Academy. This is especially important for those students who need to make up required classes for graduation and would not have time to do so at CHS if they attend the Cascadia Tech Academy. Upon graduation and completion of their entry-level skills at the Cascadia Tech Academy, students may go directly into the workforce or continue their vocational education. You may speak with Sarah Warta for more information.

The programs available this year are: (Detailed descriptions are available from Sarah Warta and on the Cascadia Tech Academy website).

Applied Medical Sciences (Nursing, EMT, Caregivers)  
Automotive Technology  
Aviation Technology  
Construction Technology  
Cosmetology  
Criminal Justice (Law Enforcement)  
Culinary, Baking, and Pastry Arts  
Dental  
Diesel Technology  
Fashion Merchandising & Retail Management  
Fire Cadet Program  
Homeland Security  
ITS3 (Informational Tech Systems, Service & Support - formerly EDT)  
Legal/Medical Office Applications (Office Management & Secretarial)  
Pre-Engineering Design Technology (CAD, Robotics, Manufacturing)  
Travel and Hotel Management

## **GENERAL INFORMATION**

### **GRADING SYSTEM**

A = 100-93 %    A- = 92-90 %    P = Passing (For Pass/Fail & Teacher's aide classes)  
B+ = 89-87 %    B = 86-83%    B- = 82- 80%    I = Incomplete (Becomes an "F" within 4 weeks if not completed)  
C+ = 79-77 %    C = 76-73%    C- = 72-70 %    S = Satisfactory progress in Assist  
D+ = 69-65 %    D = 64-60 %    U = Unsatisfactory progress in Assist  
F = Below 60 %    NC = No credit - lost due to non-attendance  
*(fractions of points are rounded up if .5 or greater - e.g. 92.4 remains 92=A - ; 92.5 becomes 93% = A )*

CHS uses the SPI Grading Scale evaluating pluses and minuses for GPA and does not use another scale for AP or Honors classes. Our GPA is unweighted and all graded classes are equal in point value.

### **SCHOOL COUNSELORS**

Counselors are available to support students in a variety of ways such as: academic, personal, social and college and career pathways. School Counselors can be available throughout the school day and are also available by appointment to meet with students and parents. Students can access their school counselor during class time with teacher permission or by completing a conference request form with the counseling department secretary.

### **RUNNING START**

Camas High School and Clark Community College have a partnership program that allows students to receive both high school and college credit. Running Start is a program in which students take college level classes at Clark. Students must be Junior or Senior high school status and meet the following requirements in order to qualify for Running Start.

### **PROGRESS REPORTS**

At the high school level there are no regularly scheduled grade conferences with parents. Report cards, with final grades, are mailed home each semester. Progress reports are available at six week intervals. We feel that communication and cooperation between the school and home is very important. Parents are urged to use the Skyward system to continually monitor their student's progress and to contact teachers immediately with concerns. Student graduation status reports are given to students each year.

### **HIGH SCHOOL AND BEYOND**

Assisted by their parents and an advisor, eighth grade students are asked to create a plan for their four years of high school and the two years after graduation. The student will follow this program of study each year until graduation, with yearly status summaries and adjustments made during forecasting. Seniors are required to complete a High School and Beyond form before graduation.

### **REGISTRATION FOR CLASSES**

Once a year, in the spring, students forecast/select classes for the following school year. Parent involvement with, and approval of, the student's choice of classes is expected. Class changes will be kept to a minimum because the students are encouraged and assisted in making wise selections and definite commitments. If a change is necessary, it should be made prior to the beginning of the school year. After that time, the student is committed to the class. Students are encouraged to remain in year long classes for both semesters. Exceptions to this will involve a conference with the current teacher, a parent signature, new teachers permission to join the class (pending availability of requested course) and the assigned administrator's approval. The change must be approved or a grade penalty may result.

### **THE CAREER CENTER**

The Career Center contains a great deal of information including SAT & ACT applications; Vocational, Interest and Aptitude testing; Career investigation information; Work opportunities; College and University applications and catalogs; Scholarship and Financial Aid applications and information; etc. Students and parents are encouraged to use the information and services available in the Career Center.

### **SCHEDULE CHANGE POLICY**

Specific courses are placed in the master schedule based on course selections of individual students from the previous spring. **Throughout the registration process, students are informed to select their courses wisely as they will be held to the classes they registered for during Spring Forecasting.** Students are able to make courses changes through the end of the current school year with their assigned school counselor. Students may also make schedule changes during orientation for the reasons listed below. Any request for a schedule change must be submitted before the 4th day of the beginning of the semester by initiating and securing an appointment with the assigned school counselor. It is anticipated these changes would be very limited and only for significant extenuating circumstances. Again, only requests that include severe extenuating circumstances will be considered. Running Start students are subject to this policy in regards to courses taken at CHS.

### **SCHEDULE CHANGE POLICY:**

Day 1 through Day 4



- 1.You are missing a class period in your schedule
- 2.You have more than one class schedule for the same period
- 3.You have not taken the prerequisite course
- 4.The yearlong class does not have the same teacher listed for both semesters
- 5.You took a class in credit recovery or summer school and no longer need the class
- 6.There is an improper course placement
- 7.You are part of band, choir, drama, leadership or another year long activity and it is not currently in your schedule

Day 5 through Day 10

No schedule changes w/o significant extenuating circumstances

Requires conference with teacher, parent approval, new teacher's approval, assigned administrator approval before a schedule change can be made.

A "W" for withdrawn will be entered on the transcript

Day 11 through remainder of semester

No schedule changes

The Camas School District does not discriminate on the basis of sex, race, creed, religion, color, national origin, age, honorably discharged veteran or military status, sexual orientation including gender expression or identity, the presence of any sensory, mental, or physical disability, or the use of a trained dog guide or service animal by a person with a disability in its programs and activities 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:

Title IX Coordinator/Compliance Coordinator for 28A.640 and 28A.642 RCW  
and ADA Coordinator

Marilyn Boerke, Human Resource Director  
841 NE 22nd Ave., Camas, WA 98607  
360-335-3000  
marilyn.boerke@camas.wednet.edu

Section 504

Dr. Charlene Williams, Assistant Superintendent  
841 NE 22nd Ave., Camas, WA 9607  
360-335-3000  
charlene.williams@camas.wednet.edu

Please also see the following Board Policies and Procedures:

For Students:

3207: Prohibition of Harassment, Intimidation and Bullying  
3210: Nondiscrimination

For Community:

4220: Complaints Concerning Staff or Programs  
5010: Nondiscrimination and Affirmative Action

For Staff:

5270: Resolution of Staff Complaints  
6590: Sexual Harassment  
Applicable Collective Bargaining Agreements