

# Forecasting

# GUIDE

2015  
—  
2016





**CAMAS HIGH SCHOOL FORECASTING GUIDE  
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# GRADUATION REQUIREMENTS FOR CAMAS HIGH SCHOOL

1. Earn a minimum of 22 credits accumulated in grades 9 through 12
2. Pass all required classes (listed below)
3. Attend a minimum of eight semesters of high school (an exception: Exchange program)
4. Complete and pass the Senior Project
5. Be enrolled in six CHS classes during the school day (exceptions: Running Start & Skills Center)
6. Develop an educational plan that includes two years beyond high school
7. Meet the established standards of any Washington State mandated test required for graduation

## Student classification by credit definition:

Freshman (9th grade)	Successful completion of 8th grade
Sophomore (10th grade)	5 credits with at least .5 in English 9 <u>or</u> 4.0 credits with 1.0 in English
Junior (11th grade)	10 credits with at least 1.5 in English <u>or</u> 9.0 credits with 2.0 in English
Senior (12th grade)	16 Credits with at least 2.5 in English <u>or</u> 15.0 credits with 3.0 in English

## REQUIRED CLASSES AND CREDITS

### Graduation year 2015 and Beyond

#### Washington State History (In grade 7)

<b>English 9</b>	<b>1.0 credit</b>
<b>English 10</b>	<b>1.0 credit</b>
<b>World History (10)</b>	<b>1.0 credit</b>
<b>English 11</b>	<b>1.0 credit</b>
<b>US History (11)</b>	<b>1.0 credit</b>
<b>② English 12</b>	<b>1.0 credit</b>
<b>② Contemp. World Issues (12)</b>	<b>1.0 credit</b>
<b>Laboratory Science</b>	<b>2.0 credits</b>
<b>④ Mathematics *</b>	<b>3.0 credits</b>
<b>PE &amp; Health</b>	<b>2.0 credits</b>
<b>⑤ Occupational Education</b>	<b>1.0 credit</b>
<b>Visual / Performing Arts</b>	<b>1.0 credit</b>
<b>Electives</b>	<b>6.0 credits</b>

② English 12 & Contemporary World Issues = can be taken as **Business Communications** or **AP Economics** can be taken as **CWI** during the senior year only

⑤ Occupational Education = Freshman Focus & .5 credit in another occupational elective

④ Mathematics must include: Algebra I, Geometry, & Algebra II or an Alternative Class

# COLLEGE ADMISSIONS

Students planning to attend a four year college or university need to consult college catalogues in the Career Centre, counselors, check the college website or contact the institution directly. 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** – 2.0 credits (3.0 recommended) – Biology, Chemistry or Physics are suggested, AP highly recommended
- **Foreign Language** – 2.0 credits – Two years of one language – additional years highly recommended
- **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.**

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.

Pre-AP English 9	Pre-AP English 10	AP English Comp 11	AP English Lit 12
AP Biology	AP Chemistry	Pre-AP Science 9	AP Physics
AP Calculus AB	AP Statistics	AP Studio Art	AP Spanish
AP Calculus BC	AP World History	AP US History	AP Gov't & Politics 12
AP Psychology	AP Human Geography	AP Environmental Science	AP Economics
AP Digital Photography		AP Computer Science	

- ✓ **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
- ✓ **FASFA** = Senior year – In December, the Career Centre makes available Federal Aid forms that are used to qualify students for grants and loans. Colleges also use this information for distribution of financial aid and special scholarships; students apply on line: [www.fasfa.ed.gov](http://www.fasfa.ed.gov) on or after January 1.
- ✓ **College Admission** – Senior year – Most students use the web for entering or printing their admission forms, transcripts, and other information is available in the 11/12 Administration/ Counseling office.
- ✓ **N.C.A.A.** = Senior year – Student athletes need to apply to the NCAA Clearinghouse to qualify for participation in college athletics. The Athletic Director's office has more information.

## HIGH SCHOOL GRADUATION PLAN

For entry into 2-year college or voc/tech school

Electives vary according to student career interest. Students are encouraged to pursue a Major area & take more than the required math & science classes.

## COLLEGE PREP GRADUATION PLAN

For direct entry into 4-year college/university

AP and Pre-AP are not necessary for entry but represent the most rigorous program available. Students are encouraged to pursue a Major area.

9th	<b>English 9 Freshman Focus Physical Science Freshman PE &amp; Health **Math *Elective</b>	9th	<b>English 9 or Pre-AP English 9 Freshman Focus Physical Science (Pre-AP Phys Sci) Freshman PE &amp; Health Math (Algebra I or above) *Elective</b>
10th	<b>English 10 World History Biology **Math *Elective *Elective</b>	10th	<b>Pre-AP English 10 ( or English 10) AP World History (or World History) AP Biology, Biology Math (Geometry or above) *Elective *Elective</b>
11th	<b>English 11 US History **Math *Elective *Elective *Elective</b>	11th	<b>AP English 11 or English 11 AP US History or US History Foreign/World Lang II (or III if begun in 9th) Math (Algebra II or above) Science ( Chemistry, Physics or AP level) *Elective</b>
12th	<b>English 12 (or Bus Comm) CWI (or Bus Comm) *Elective *Elective *Elective *Elective</b>	12th	<b>AP Literature 12, English 12(or Bus Comm) AP CWI (or Bus Comm) Math (4-year colleges required or Science (Algebra based science) *Elective (Foreign/World Lang III or IV if offered) *Elective</b>

\*\*must pass Alg. I, Geom, & Alg. II or Career math  
Classes in bold are graduation requirements

\* To fulfill graduation requirements, all students must include in their Elective choices the following:

<b>A Fine Art class</b>	<b>1.0 credit</b>
<b>An Occupational class</b>	<b>.50 credit (for a total of 1 credit)</b>
<b>A PE Elective credit class</b>	<b>1.0 credit</b>

(An application process is necessary for a .50 PE Waiver and there is no guarantee that the waiver will be granted)

Students who enter the Magnet Math, Science & Technology Program will follow a different course schedule during their 9th and 10th grade years and will fulfill a College Prep Graduation plan.

# ADVANCED PLACEMENT CLASSES

## ADVANCED PLACEMENT CLASSES

CHS offers advanced placement classes that are certified by the College Board. Through college-level AP (Advanced Placement) courses, you enter a universe of knowledge that might otherwise remain unexplored in high school; through AP Exams, you have the opportunity to earn credit or advanced standing at most of the nation's college and universities. CHS currently offers AP courses in Studio Art, English Language, English Literature, US History, US Government/Politics, Spanish, Human Geography, World History, Calculus, Biology, Chemistry, and Physics. 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.

Students are required to submit and sign an AP course contract/application.

Pre-AP classes are offered at CHS to 9th and 10th graders in the subject areas of English and Science. 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.

### What is special about AP?

- Skills developed in AP classes thoroughly prepare students for college courses
- Discussions are challenging, engaging, probing and intellectual
- AP students are taught to be critical and discriminating readers and thinkers. 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
- Starting with the class of 2012, AP grades at CHS are factored in the class rank calculation on a five point scale

### Who is appropriate for AP?

- AP is open to any student from any background
- AP is not necessarily right for everyone
- Students must be disciplined, curious, and have a strong desire to work hard and learn
- AP is for students who want to learn along side other dedicated classmates in a challenging and rigorous environment
- AP is for students who love to learn

## ADVANCED PLACEMENT CLASSES AND CLASS RANK

CHS Class Rank and AP: Starting with the class of 2012 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.

**What AP courses are available to my grade level?**

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
PreAP English 9				
PreAP English 10				
AP English Lang & Composition				
AP English Lit & Composition				
AP Human Geography				
AP World History				
AP U.S. History				
AP U.S. Government & Politics				
PreAP Science 9				
AP Biology				
AP Chemistry				
AP Physics				
AP Environmental Science				
AP Calculus AB				
AP Calculus BC				
AP Statistics				
AP Studio Art 2D & 3D				
AP Spanish				
AP Economics				
AP Psychology				
AP Digital Photography				
AP Computer Science				



# BUSINESS & MARKETING

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

## **BUSINESS COMMUNICATIONS**

Credit: 2.00 (Year, 2 periods) English 12 & CWI requirement  
As many as seven college credits may be earned at Clark College for this class through articulation.

Prerequisite: Senior standing, at least .50 credit in English 11  
Communications is an integrated class that combines Business English/Applied and CWI Communications (English 12), Entrepreneurship, Law, and American Government into a hands-on class, project-based course. You may earn college credit through an agreement with Clark Community College if you maintain a B or better in this course. Business Communications is designed for the student interested business whether you planning to go on to continue on to college, a technical training school, apprenticeship program or directly into the workplace. It is recognized as an English/CWI program by ALL colleges. As in all senior English classes, the Senior Project is required. Participation in DECA is strongly recommended. Membership requires a \$20 fee for State and National DECA dues.

## **INTRODUCTION TO BUSINESS**

Credit: .50 (Semester) Occupational 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 occupational settings.

## **MICROSOFT CERTIFICATION AND VARIOUS OFFICE 2010 PROGRAMS**

Credit: .50 (Semester) Occupational Ed., Elective

Prerequisite: None

This course focuses on becoming Microsoft Certified in Word and various other Microsoft programs. You will work with Microsoft's eLearning program and a practice testing/training program to gain skills that will give you the edge in today's competitive job market. The certification seal can be added to resumes and college applications. This is a course that will give you hands on experience with the 2010 versions of Word and other Microsoft programs. You will work on projects, learn shortcuts, new skills, and have the opportunity to take Certification exams for free through the duration of the class.

## **BUSINESS SPORTS MANAGEMENT**

Credit: .50 (Semester) Occupational 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**

Credit: 1.00 (Year) Occupational Ed., Elective

Prerequisite: At least Sophomore standing- Interview and approval

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, personal and business financial literacy and proficiency in Microsoft Excel and other business software programs.



### **FRESHMAN FOCUS (Ninth grade only)**

Credit: .50 (Semester) Occupational Ed requirement

Prerequisite: None

This required class assists students with a smooth transition from middle school to Camas High School. Students will learn strategies for success in high school and beyond, develop technical skills, and explore career and educational options after high school. Students will also learn PowerPoint and Word skills via a computer based training program This includes taking the Microsoft certification test in Word and PowerPoint. If the test is passed, students are considered a Microsoft Specialist in Word and PowerPoint 2010 and earn the seals which can be added to resumes and college applications.

### **MARKETING I**

Credit: 1.00 (Year) Occupational Ed., Elective

Prerequisite: None

The student will be introduced to basic marketing concepts including advertising, sales, economics, distribution, and small business management. Marketing will prepare students for a college business major or for entry level employment into a marketing related occupation. 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, III, & IV (Advanced Marketing)**

Credit: 1.00 (Year) Occupational 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. Through DECA (An Association of Marketing Students), in which all students must participate, emphasis will be placed on advanced competitive events, such as written events, ad campaigns, and team events. Students will also develop business professional skills in preparation for entering marketing and management employment. Professional business attire and appearance are also required for all DECA events and conferences.

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

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

Prerequisite: Sophomore/Junior/Senior-Marketing I, approval of instructor & contract required  
Food handlers card required before the first day of school

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. Students will be expected to participate in all DECA activities.

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

Credit: 0.5 (Year Semester) Occup. Ed., Elective- Repeatable

Prerequisite: 16 years or older, and Teacher Coordinator permission

Earn school credit for working or interning outside of school, or keeping your own late-start or early release schedule. 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)**

Credit: 1.0 (Year) Occupational Elective or may be taken for senior CWI class

Prerequisite: AP Process/Contract open to 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 CWI senior requirements.

### **AP MICROECONOMICS**

Credit 1.0 (Year) Occupational Elective

Prerequisite AP Process/Contract open to grades 10-12

This course is a blend of microeconomics and advanced business concepts. AP Microeconomics is the study of how individuals and businesses attempt to maximize limited resources. Students will learn about supply and demand, how competition affects markets, international trade, ways government attempts to improve market outcomes, and various marketing/ financial literacy topics. Students are expected to compete in DECA events and a \$20 fee is required for State and National DECA dues.

### **AP COMPUTER SCIENCE**

Credit: 1.00 (Year) Occupational Ed.

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.

### **FINANCIAL FITNESS (BUS200-201)**

Credit: 1.00 (year) Occupational Education Only

Prerequisite: None for Occ. cr.-

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 debt, saving, and investing.



# FAMILY & CONSUMER SCIENCE

## CAREERS IN EDUCATION

Credit: 1.00 (Year) Occupational Ed., Elective

Prerequisite: Junior standing and instructor approval

Want to be a teacher? This course is designed so that students will have an opportunity to explore teaching theories and teaching styles, including a formal observation in a local elementary school. Second semester will be spent in various level classrooms with mentor teachers. Students must provide their own transportation to observations and internships away from the high school campus. **College credits may be possible at WSU, WWU and CWU.**

## INTRODUCTION TO FOODS

Credit: .50 (Semester) Occupational 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

Credit: .50 (Sem.) Occupational 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 explore diet-related diseases, compare fad diets, and plan and carry out a dietary analysis and goal setting project. A secondary focus will be careers in nutrition and dietetics. There will be weekly cooking labs in addition to traditional classroom work.

## GOOD EATS AROUND THE WORLD - CULTURAL FOODS

Credit: .50 (Sem.) Occupational Ed., Elective

Prerequisite: Introduction to Foods: fee \$10

The "Good Eats Around the World" course introduces students to the way in which the culture and traditions of different countries influence food choices. Students will identify and prepare foods from various countries to compare cuisines, ingredients used, and 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.

## FINANCIAL FITNESS (BUS200-201)

Credit: 1.00 (year) Occupational Education Only

Prerequisite: None for Occ. cr.-

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 debt, saving, and investing.

## CHILD DEVELOPMENT (PAPERMAKER PRE-SCHOOL)

Credit: 1.0 (Year) Occup. Ed., Elect:

Prerequisite: Sophomore standing

This is a course with a dual purpose. Classes will be split into groups rotating every other week between the Child Development classroom & the Papermaker Preschool (PMP). While in the classroom, students will learn about families and parenting, positive communication & child guidance, child development theory, ages and stages, and professional practices. While working as teacher's aides in the PMP, students will practice skills and apply theory under the direct supervision of a licensed preschool teacher and a pro-tech. The PMP is an integrated program allowing students to gain a broad range of

experiences with children. It is expected that students continue through the entire year's program. Students are strongly encouraged to join FCCLA (Family Career & Community Leaders of America). **College credits may be possible at Clark College.**

### **PAPERMAKER PRESCHOOL INTERNSHIP**

Credit: 1.00 (Year) Occupational Ed., Elective

Prerequisite: B or better in Child Development & instructor's approval

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.

### **SPORTS MEDICINE A**

Credit: .5(Semester) Occupational 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 training room opportunities. Students will complete a minimum 5 hours of experiential learning with an ATC. (Certified Athletic Trainer)

### **SPORTS MEDICINE B**

Credit: .5 (Semester) Occupational Ed.

Prerequisite: Sophomore Standing/Sports Medicine A

This course is an extension of Human Anatomy/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**

Credit: 1.0 (Year) Occupational 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.

### **SPORTS MEDICINE PRACTICUM**

Credit: .5 (Semester) Occupational Ed. (may be repeated)

Prerequisite: Sophomore Standing, Participation in either Sports Med A/B, Instructor permission

This course is an extension of Human Anatomy/Sports Medicine A/B. This practicum focuses on putting the skills learned in Sports Medicine A/B to work by placing the student in an assistant role within the Athletic Training Room at CHS. Students will assist with taping, hydration, first aid, emergency procedures, and sideline management at various sporting events throughout the year. Additional opportunities for state level competition/leadership exist as well. 90 hours of participation in the CHS athletic training room or at event coverage

# FINE ARTS: VISUAL & PERFORMING

## **BEGINNING PAINTING**

Credit: .5 (Semester) Fine Art elective

Prerequisite: None - Fee \$20

Do you draw, sketch and doodle? Have you ever thought about trying to paint? Watercolors, Acrylic, Collage, Ink and other mixed media will be introduced to you in an easy and fun class that teaches you the basics of painting and how to compose great images. We will explore landscapes, people, cartoon imagery, abstracts, and just fun combinations of paints on 3-dimensional surfaces. Have you ever wanted to paint a chair, table, or lamp in wild creative ways...This is the class for you.

## **BEGINNING DRAWING**

Credit: .5 (Semester) Fine Art elective

Prerequisite: None - Fee \$20

This class is designed for those of you who love to draw. Do you want to learn how to be better at shading, adding perspective, sketching people, creating landscapes, and using all sorts of materials? We will explore all that while learning pencil, pen, charcoal, oil pastels, and chalk. Come on in – lets draw.

## **AP STUDIO ART / ADVANCED DRAWING & PAINTING**

Credit: 1.00 (Year) Fine Arts elective

Prerequisite: One year of Drawing & Painting or instructor's approval

This can be taken for either AP Studio Art or Advanced Drawing & Painting and is designed for the serious art student who wishes to not only improve and gain a deep understanding for 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 body of powerful, interesting art work - that they will complete during the year. It will certainly be fun and creative - but be aware, we will move fast and focus hard on the attainment of skills and knowledge.

## **AP STUDIO ART: 3D PORTFOLIO**

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: 2 semesters of ceramics, additional courses in Everything in Art and painting recommended and Instructor Approval; Art Fee: \$20

This is a full year course, which provides an in depth study of 3D concepts and will address sculptural issues. This class is recommended for serious students who seek to expand their proficiency as 3D artists. At the completion of this course, students may submit a portfolio for AP credit. For this portfolio, students are asked to demonstrate mastery of 3D design through any 3D approach, including but not limited to; figurative or nonfigurative sculpture, architectural and industrial design models, metal-smithing, ceramics, furniture, and three dimensional fibers. The portfolio of 25-30 works of art will be judged on three sections: quality, concentration, and depth.

## **CERAMICS I: Introduction to Clay**

Credit: .5 (semester) Fine Arts, Elective

Prerequisite: None; \$20 art fee.

This class is designed as an introductory clay experience for the student with no prior clay experience. Focus will be on the hand building techniques; pinch, coil, slabs and molded forms. Projects may include: Name Tiles, Pumpkins, Slab boxes, Animal Mugs, 2 Independent projects, a Whimsical House Sculpture, and a paper mache or plaster sculpture project. Once the art works have been created, a variety of glazing techniques for surface decoration will be addressed. Students will be introduced to the craft of wheel thrown pottery on a limited basis. This class cannot be repeated.

## **CERAMICS II: Intermediate Clay and Sculpture**

Credit: .5(semester) Fine Arts, Elective

Prerequisite: Ceramics I or instructor's approval - \$20 art fee.

This course is designed to provide students the opportunity to advance their work in clay beyond the introductory course. Signing up for Ceramics II means that you feel that you understand the introductory concepts learned in Ceramics 1. Beyond the basics, this course goes a step further and places considerable responsibility on the student to use clay to express thoughts, be creative and create well-crafted works of art. A strong ability to be self-motivated and independent is required to be successful in this class. May repeat for credit.

## **EVERYTHING IN ART!**

Credit: 1.00 (Year) or .50 (Semester) Fine Arts elective

Prerequisite: None; Fee: \$20 for each semester or \$40 for the year.

Everything in Art is great for beginners as well as advanced art students. You can take this class for either a semester or a year to fulfill your art credit for graduation. Either way, each semester offers a different set of projects. You will definitely have fun working 'hands-on' with a variety of materials such as: pencil, ink, oil pastels, mirror etching, mixed media, plaster, collages, found objects, photography, printing, painting, sculpting and more! The emphasis will be on developing your creativity and self-expression as well as learning some simple art concepts that will help your art 'pop'.

## **CALLIGRAPHY 1 & 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.

## **ADVANCED MIXED MEDIA**

Credit: .50 (Semester) Fine Arts elective

Prerequisite: One completed semester in one or more of the following: Everything in Art, Beginning drawing, or (Instructor approval with portfolio review) Fee: \$20

Advanced Mixed media is for the serious art student who is looking to gain skills in drawing, painting, and 3-D art making -but doing this while working with a variety of materials. We will work with many different materials: paper, cardboard, canvas, wood, metal, etc... Most of the projects will combine a variety of techniques and materials to create intelligent thought-provoking artwork. In this class, we will also be looking at current trends in art: graffiti, public sculpture, urban art, collage etc... This class is designed for those of you who have some developed art skills and want to point that talent towards making strong thoughtful work.

## **DIGITAL DRAWING**

Credit: .50 (Semester Class) Fine Arts or Occupational 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.

## **STAGECRAFT**

Credit: 1.00 (Year) Fine Arts, & Occ Elective

Prerequisite: Instructor permission; need an ASB sticker before October 1

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**

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, improvising, theatre games, pantomime and performance critique. The class is devoted to the basics and background of theatre.

## **DRAMA II: INTERMEDIATE THEATRE**

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: Drama I or instructor's 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 playreading.

### **DRAMA III: ACTING WORKSHOP**

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: High School Drama and Consent of Instructor; Need an ASB sticker before Oct 1st.

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

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

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: Consent of Instructor; 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**

Credit: .50 (Year) Fine Arts, Elective

Prerequisite: Current member of a major performing group & audition; ASB sticker by Oct. 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.

### **BASS CHOIR**

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**

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: **By audition only**; Students must purchase an ASB sticker before Oct. 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**

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**

Credit: 1.00 (Year) Fine Arts, Elective

Prerequisite: **By audition only**; Students must purchase an ASB sticker before Oct. 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**

Credit: 1.00 (Year) Fine Arts, Elective

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

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).

## **SONGWRITING, PIANO, AND MORE**

Credit: .50 (Sem) Fine Arts, Elective

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

Have you ever wanted to learn to play the piano, or write your own music? Would you like to make your own beats and techno music? Or would you rather gain experience working microphones in recording and live audio settings? This course is a perfect opportunity to learn all about how to express yourself as a musician. No prior musical knowledge is necessary, though experienced instrumentalists are welcome. Keyboards will be available in the classroom, but students will be expected to practice outside of class.

## **DIGITAL PHOTOGRAPHY**

Credit: .50 (Semester) Fine Arts, Occupational Ed., Elective

Prerequisite: None; 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 your 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**

Credit: .50 (Semester) Fine Arts, Occupational Ed., Elective

Prerequisite: One semester of Digital Photo; Lab/color print fee \$25

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**

Credit: 1.0 (Year) Fine Arts, or Occupational 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.

## **CHS YEARBOOK**

Credit: 1.00 (Year) Occupational Ed., 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 copy writing, desktop publishing, leadership, and working as part of team. Students will receive a free CHS Yearbook as part of their course experience.

## **WEBSITE DESIGN**

Credit: 1.00 (Year) or .50 (Semester) Occupational 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.



# FRESHMAN ACADEMY

## FOR CAMAS HIGH SCHOOL FRESHMEN

The Camas High School Freshman 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 corroboratively team-taught curriculum.

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

- **Algebra 1**
- **English 9**
- **Physical Science**
- **Focus**

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 and Academics (IAA) is an expanding program at CHS involving 9th and 10th grades in 2015-16 and adding a new grade level each year.

**Core Classes:** Do you wish your academic teachers would incorporate more arts activities into their lessons? When they do, does it help your learning? If so, in IAA, core teachers who have a passion for the arts, just as you do, will incorporate activities such as sketches, poetry, acting, film, music, movement, and more. You will be immersed in a non-competitive, creative environment as you engage in the rigors of academic learning. The arts enhance every aspect of education including deeper learning, critical thinking, relationships, creativity, and motivation.

**“Core Studio” Class:** You will enjoy individual and collaborative projects involving technology, visual art, acting, dance, music, and film– all making use of what you are learning in the academic classes. This hands-on studio class reinforces your learning in a meaningful and relevant way while you develop your project management skills and creative thinking. And, you will be able to work with professional guest artists throughout the year. Since the Core Classes and this class are integrated, Core Studio is required for all IAA Freshmen and Sophomores. It is highly recommended that you consult the Fine Arts: Visual and Performing section of this guide to select additional elective(s) that will develop your skills and techniques in your favorite art form. Art Fee: \$40 for the year (can pay \$20 each semester).

**Prerequisite:** Completion of a Student Interest Statement, teacher approval, and program acceptance. 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. An Interest Statement form needs to be completed by the student and then given to one of his or her current teacher who will submit it to IAA after he or she provides comments on the form. After you forecast for a normal schedule, you will be contacted about your acceptance into the program and your schedule will be adjusted. The Interest Statement forms are available from counselors, forecasting teachers (CHS advisory teachers), and middle and high school main offices. New students are welcome to enter the program their Sophomore year, even if they did not enroll their Freshman year.

**Information:** Brochures with more information are available from counselors, forecasting teachers (CHS advisory teachers), and middle and high school main offices. Check out [integratedartsandacademics.blogspot.com](http://integratedartsandacademics.blogspot.com) for more. If you have additional questions about the IAA program, please consult Program Leader, Mrs. Mariotti Shapard or Program Counselor, Mr. Gibson.

## **IAA for Sophomores**

Credit::                    3.00 credits (3 classes total):  
                                  1.0 Credit in English 10  
                                  1.0 Credit in World Studies  
                                  1.0 Credit in Core Studio 10

A team of CHS IAA teachers will teach the curriculum together in a block of 3 periods. This class fulfills 10th grade English, Social Studies and Art.

# 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)**

Credit: 1.00 (Year) English

Prerequisite: Freshman standing

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)**

Credit: 1.00 (Year) English

Prerequisite: Application Process Necessary

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.

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

### **AP HUMAN GEOGRAPHY**

Credit: 1.00 (Year) Social Studies elective and/or Freshman requirement

Prerequisite: AP Application process Necessary

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. Successful completion of this course would waive the Freshman Ancient World History and Freshman Focus requirements.

## **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)**

Credit: 1.00 (Year) English

Prerequisite: Sophomore standing and at least .50 credit in English 9

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 also complete a persuasive research essay and speech. 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)**

Credit: 1.00 (Year) English

Prerequisite: Sophomore standing and at least .50 in English 9; Application process necessary

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 also complete a persuasive research essay and speech. 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. This class must be taken with a World History class to meet the Sophomore English & Social Studies requirement.

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

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

Credit: 1.00 (Year) Social Studies

Prerequisite: Sophomore standing

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**

Credit: 1.00 (Year) Social Studies

Prerequisite: Sophomore standing, Pre-AP English 9 recommended; AP Application necessary

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.

## **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)**

Credit: 1.00 (Year) English

Prerequisite: Application & Junior standing / Pre-AP English 10 strongly 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. Must be taken with either US History or AP US History.

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

Credit: 1.00 (Year) English

Prerequisite: Junior standing and at least .50 in English 10

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.

### **AP US HISTORY**

Credit: 1.00 (Year) Social Studies

Prerequisite: Application & Junior standing

AP US History is a 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. Must be taken with either English 11 or AP English 11.

### **US HISTORY**

Credit: 1.00 (Year) Social Studies

Prerequisite: Junior standing and at least .50 in World History

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 Eng 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.

### **BUSINESS COMMUNICATIONS**

Credit: 2.00 (Year, 2 periods) English 12 & CWI requirement  
As many as seven college credits may be earned at Clark College for this class through articulation.

Prerequisite: Senior standing, at least .50 credit in English 11

Business Communications is an integrated class that combines Business English/Applied & CWI Communications (English 12), Entrepreneurship, Law, and American Government into a hands-on class, project-based course. You may earn college credit through an agreement with Clark Community College if you maintain a B or better in this course. Business Communications is designed for the student interested business whether you planning to go on to continue on to college, a technical training school, apprenticeship program or directly into the workplace. It is recognized as an English/CWI program by ALL colleges. As in all senior English classes, the Senior Project is required. Participation in DECA is strongly recommended. Membership requires a \$20 fee for State and National DECA dues.

### **AP ENGLISH LITERATURE 12**

Credit: 1.00 (Year) English

Prerequisite: Application & senior standing; AP English 11 suggested

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. This class must be taken with CWI or AP US Government & Politics (AP CWI).

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

Credit: 1.00 (Year) English

Prerequisite: Senior standing and at least .50 credit in English 11

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).

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

Credit: 1.00 (Year) CWI

Prerequisite: Application & Senior standing

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. Must be taken with either English 12 or AP English 12.

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

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

Prerequisite: Senior standing and at least .50 in US History

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 either English 12 or AP English 12.

### **AP ECONOMICS - (ALTERNATE CWI - CONTEMPORARY WORLD ISSUES)**

Credit: 1.0 (Year) Occupational Elective or may be taken as a senior CWI class

Prerequisite: AP Process/Contract open to 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.

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

### **CREATIVE WRITING**

Credit: .50 (Semester) Eng. Elective

Prerequisite: None

If you like to write creatively, but never seem to find the time, this is your opportunity. Writing mini-lessons and weekly prompts are balanced with plenty of time for your own, self-selected writing projects. You can write anything you choose; memoir, song lyrics, fantasy, poetry, and whatever else you can dream up. We peer edit, we share our work, and we conquer writer's block. We also have a lot of fun and there's no homework.

### **CLASSIC FILM**

Credit: .50 (Semester) English Elective

Prerequisite: None

In this class, we will explore the rich history of movies. We'll watch, analyze, and discuss twelve classic films from a wide-range of genres, including westerns, film noir, comedy, suspense, documentary, science fiction, animation, and more. We'll acquire an understanding of the film's historical and social contexts, and we'll discuss the directors' choices as well as their filmmaking techniques; lighting, angles, editing, camera movement, framing, sound, focus, etc. Oral reports on student-selected film topics will be included.

### **JOURNALISM / NEWSPAPER**

Credit: 1.00 (year) elective

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

Prerequisite: Instructor permission.;

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

### **PSYCHOLOGY A & B**

Credit: 1.0 (Year) or .50 (Semester) Social Studies 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 either as a year (A & B) or a semester (A).

### **AP PSYCHOLOGY**

Credit: 1.00 (Year) Social Studies Elective

Prerequisite Application and Junior/Senior standing; This course can only be taken once AP Psychology is a challenging course that is the equivalent of 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.

### **HISTORY OF WAR: 3000 YEARS OF "THE CURSE OF MARS"**

Credit: .50 (Semester) or 1.00 (Year) Social Studies Elective

Prerequisite: None

This semester/year long 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.

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

Credit: .50 (semester) Social Studies Elective

Prerequisite: None

This semester based 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 off shoots, familiarizing themselves with landmark groups, artists, and the movements from different periods that shaped the music and the times. The course is largely discussion based and student driven, relying heavily on digital multimedia (weekly "listening labs," videos, etc.) to bring the music and the artists to life and provide a visual and aural context for what we study. There is no homework.

# 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, Pre-AP Biology & Introduction to Chemistry, Introduction to Engineering & Physics. 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, AP World History and electives. **The eleventh grade MST program classes** include: MST Research Seminar, English 11, US History, Chemistry, Mathematics, (AP level recommended in core classes but not required), and an elective.

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

Credit: 1.00 (Year) English

Prerequisite: Admission into the Ninth Grade MST Magnet Program

The Pre-AP English 9 MST course is primarily based on literature and composition and focused on developing 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. Along these lines, students should expect to complete at least one multi-disciplinary project each semester.

### **INTRODUCTION TO ENGINEERING/ MST RESEARCH 9 WITH PHYSICS (Ninth Grade MST Magnet Program)**

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, and on line.

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

Credit: 1.0 (Year) Lab Science

Prerequisite: Admission into the MST Magnet Program

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.



### **ACCELERATED ALGEBRA II (Ninth or tenth Grade MST Magnet Program or Special Admission)**

Credit: 1.00 (Year) Math

Prerequisite: Admission in the MST Magnet Program or [Math Dept. Approval](#)

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.

### **ACCELERATED GEOMETRY (Ninth Grade MST Magnet Program or Special Admission)**

Credit: 1.00 (Year) Math

Prerequisite: Admission in the MST Magnet Program or [Math Dept. Approval](#)

This course is the first in a series designed to produce logical thinking mathematical students who have the ability to communicate effectively in the language of mathematics. This course has two primary goals: the development of clear and logical thinking through the use of inductive and deductive reasoning; and the ability to solve practical problems. To accomplish this, students will perform geometric investigations. These investigations will lead to geometric discoveries. The newly discovered geometric properties, along with prior knowledge, will be applied to real world problems.

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

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 20%) will be devoted to students developing their MST research project(s) for their sophomore year. Students should expect to complete at least one multi-disciplinary MST project in this course for each semester.

### **AP WORLD HISTORY (Tenth grade History requirement) Description found in Language Arts**

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

Credit: 1.00 (Year) Lab Science

Prerequisite: Ninth Grade Magnet Program Pre-AP Biology

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.

### **MST RESEARCH SEMINAR 10**

Credit: .50 Semester credit extended over one year

Prerequisite: Tenth 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 on line.

**MST RESEARCH SEMINAR 11**

Credit: .50 Semester credit extended over one year

Prerequisite: Eleventh 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 on line.

**MST RESEARCH SEMINAR 12**

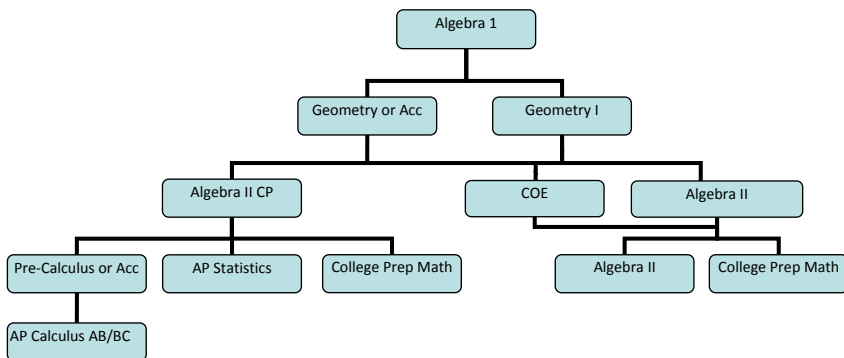
Credit: .50 Semester credit extended over one year

Prerequisite: Twelfth 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 on line.

# 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. Major: Math; Engineering and Science.



## **MATH ENRICHMENT LAB**

Credit: 1.00 (Year) Elective

Prerequisite: Teacher Recommendation

This Math Enrichment Lab is designed to help students be successful in the math class in which they are currently enrolled. The class size is kept as small as possible in order to give students the opportunity to receive as much individualized attention as possible. Students are given 1) extra practice problems similar to what they're learning in their other math class, 2) math skills practice involving such topics as fractions, percents, order of operations, graphing, positive and negative numbers, and much more, and 3) assistance with homework from their other math class. The goal is to build student confidence in the area of math and set them up to pass three years of math in order to fulfill graduation requirements.

## **ALGEBRA I**

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. Students who earn a C or better in this course will be prepared to take Geometry.

## **GEOMETRY 1**

Credit: 1.00 (Year) Math

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

This Geometry course uses multiple learning styles in the presentation and practice of the curriculum. The textbook used in Geometry 1 is more structured and traditional than the book used in Geometry. Along with added structure, students are taught how to take notes in a direct instruction environment. The math processes are taught with step by step examples of the application of many properties and theorems in Geometry.

## **GEOMETRY**

Credit: 1.00 (Year) Math

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 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.

**ACCELERATED GEOMETRY** (MST Magnet Program or Math department approval) [Description found in Magnet Program](#)

## **C.O.E. MATH I (Collection of Evidence)**

Credit: .5 (Semester) (Math elective)

Prerequisite: Students who did not pass the State Math Tests

This class is designed to provide students with content and process skills (reasoning, problem solving, communication, & making connections) required to meet or exceed the high school mathematics standard. It will assist student in meeting standards by having each student develop a collection of evidence (C.O.E.) to submit to OSPI as an alternate assessment.

## **ALGEBRA II**

Credit: 1.00 (Year) Math

Prerequisite: Algebra I, Geometry or Geometry 1, passing grade and teacher recommendation

This course reviews and extends the study of the real number system used in Algebra I and Geometry. A numerical, graphical and symbolic approach to the study of linear, quadratic, polynomial, exponential, and logarithmic functions will be emphasized. Students who successfully complete this course will be prepared to take College Prep Math the following year.

## **ALGEBRA II (CP) COLLEGE PREP**

Credit: 1.00 (Year) Math

Prerequisite: Algebra I and Geometry with a grade of at least C and 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** (MST Magnet Program or Math department approval) [Description found in Magnet Program](#)

## **COLLEGE PREP MATH**

Credit: 1.00 (Year) Math

Prerequisite: Senior standing and teacher recommendation

A course for seniors, CPM allows students course work in math that fills the area between Algebra II and Pre Calculus. The core topics are presented to students numerically, graphically, and symbolically. These topics and their applications include patterns, linear functions, quadratic functions, rational equations, polynomial equations, trigonometry, exponential and logarithmic functions, probability, and statistics. There will be some review of topics from both Geometry and Algebra II. The main objective is to prepare students for their first year of Algebra in college. To that end, the course begins with an SAT/ACT workshop and finishes with a focus on preparing for college placement exams. It is suggested that students in this course purchase a TI-83 or TI-84 graphing calculator.

## **PRE CALCULUS**

Credit: 1.00 (Year) Math

Prerequisite: Algebra II CP with a grade of C or higher and 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**

Credit: 1.00 (Year) Math

Prerequisite: Accelerated Algebra II with a grade of B or higher and teacher approval

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**

Credit: 1.00 (Year) Math

Prerequisite: Pre-Calculus ( at least a C+ grade) and 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.

### **AP CALCULUS BC**

Credit: 1.00 (Year) Math

Prerequisite: Accelerated Pre-Calculus or AP Calculus AB and 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

### **AP STATISTICS**

Credit: 1.00 (Year)

Prerequisite: Algebra II (at least a C grade) and 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.

### **FINANCIAL FITNESS (Applied Business Math - BUS851-852)**

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

Prerequisite: None for Elective; Required Math alternative need signed parent approval

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 debt, 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 and PE Waivers are open only to seniors who meet certain curriculum criteria (e.g. rigorous college prep program, etc.). Seniors 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**

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

Prerequisite: None

This class is designed for students 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 non-traditional 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**

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

Prerequisite: None

This class is designed for students who are interested 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 WEIGHT TRAINING**- (New for 2105-2016)

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

Prerequisite: None

This class is designed for students who are interested increasing muscular size and strength. Students will use a split routine system focusing on muscles that push or pull. Zero Period Weight Training is offered before 1st period (6:30 - 7:25 am), Monday through Friday. Requires self-discipline to arrive on time on a regular basis AND you must provide your OWN transportation.

## **ADVANCED FITNESS**

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

Prerequisite: None

This class is designed for the sports loving, athletic student. Activities will include several highly competitive team sports, military style calisthenics, and outside distance running. If you love PE take this class.

## **INDEPENDENT - PE**

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

Prerequisite: Senior standing or instructor's 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, 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)

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

Prerequisite: None

The Freshman Health semester class is a comprehensive course that prepares students to make intelligent, lifetime, healthy choices in a very complex society. Health is a required class covering all pertinent subjects for teens of the 21st century.

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.

# POTPOURRI

## **LEADERSHIP ACTIVITIES**

Credit: 1.0 (Year) Elective - Major: Leadership

Prerequisite: Instructor's 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.

## **ASSIST**

Credit: .00 (Semester or Year)

Prerequisite: Counselor or administrator recommendation

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

## **SUPPORT GROUP**

Credit: 1.0 (Year) Elective

Prerequisite: Instructor's approval

This class is designed primarily for students who have been through treatment for chemical problems.

## **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 young man or woman. Responsibilities include answering the office phone, routing calls, writing messages, greeting visitors, and courier services. Students will be trained by the appropriate staff member.

## **TEACHER AIDE**

Credit: .50 (Semester) Elective

Prerequisite: Application and Instructor's 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.

# 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)**

Credit: 1.00 (Year) Lab Science

Prerequisite: None

Physical Science deals with the study of matter and energy. This course is divided into two sections, one dealing with chemistry and the other concentrating on physics. In chemistry, students study the periodic table, molecular structure and bonding, and balance chemical equations. Physics deals with the laws of motion, waves and their structure, sound, color, nuclear fission, and fusion.

## **PRE-AP PHYSICAL SCIENCE (9th Grade Science)**

Credit: 1.00 (Year) Lab Science

Prerequisite: Recommendation, Pre-AP / AP Application process

This class is designed for students who plan on a science/math career. The focus will be to prepare students for Advanced Placement Science classes at Camas High School. It is divided into two sections covering chemistry/earth science and physics. In the physics section, students will learn about motion and speed, forces, energy, simple machines, and waves. In the chemistry/earth science section, students will learn about properties of matter, the periodic table, molecular structure & bonding, and astronomy. Students taking this science course should have strong mathematical skills as well as a high interest and ability in science. Laboratory activities for this class are challenging and in-depth.

## **BIOLOGY**

Credit: 1.00 (Year) Lab Science

Prerequisite: None

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**

Credit: 1.00 (Year) Lab Science

Prerequisite: Application; Biology recommended; A or B in Physical Science recommended for Freshmen

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.

## **CHEMISTRY**

Credit: 1.00 (Year) Lab Science

Prerequisite: C or better in Geometry or instructor's 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**

Credit: 1.00 (Year) Lab Science

Prerequisite: Application; Completed Algebra II with a B or better or instructor's approval; A year of Chemistry is highly recommended

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.

## **CONCEPTUAL PHYSICS**

Credit: 1.00 (Year) Lab Science

Prerequisite: Algebra I; 9-12th graders

Physics is necessary for any science related career, but the course also helps to provide a liberal education for the college bound student with a good math background. Course content includes; Newtonian mechanics (nature and cause of motion, vectors, mechanical energy, work and power, projectiles); waves, sound and light; and if time allows, electricity. This class is recommended for the college bound student interested in a non-science major.

## **PHYSICS**

Credit: 1.00 (Year) Lab Science

Prerequisite: Algebra II or instructor's approval

This physics course will begin with math review and overview, followed by the concepts of Newtonian Mechanics. Trigonometry will be taught and used to solve such challenges as vector problems. The class will continue with an in-depth coverage of such topics as waves, sound, light, and electricity. Other topics may be covered as time allows. Recommended for college-bound students who are planning to major in a science-related field.

## **AP PHYSICS**

Credit: 1.00 (Year) Lab Science

Prerequisite: Application; Concurrent enrollment in Pre-Calculus and one year of Chemistry recommended

AP Physics is a challenging course that is the equivalent of a freshman level college physics class. Although taking the AP test would not be required, this course is designed to prepare students for the AP Physics B - trig level - test at the end of the school year. This is a challenging and fast-moving course and will require a great deal of work by each student. Recommended for students planning to attend college and major in any math, engineering or computer related field.

## **HUMAN ANATOMY AND PHYSIOLOGY**

Credit: 1.00 (Year) Lab Science

Prerequisite: 1.00 credit in Biology

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.

## **INTRODUCTION TO ENGINEERING/PHYSICS (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**

Credit: .50 for each semester class; Science Elective

Prerequisite: Passing grade in Physical Science

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**

Credit: 1.00 (Year) or .50 (Sem) 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.

# SPECIAL EDUCATION

All special education classes are designed to serve students who have met the specific criteria of the Washington State Special Education Guidelines. These 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. All classes require special education teacher prior approval.

## RESOURCE ENGLISH & RESOURCE MATH

### LITERACY DEVELOPMENT

Students develop and maintain language arts skills in the areas of reading and writing. Skills taught are targeted at assisting students to improve basic literacy and function more independently in school. Course requires recommendation of students' IEP team.

### FUNDATIONS OF ENGLISH 9

Class focuses on improving reading and writing skills through the use of materials adapted to appropriate skill levels of the students. Curriculum is paralleled with general education English 9, focusing on comprehension skills, vocabulary development and writing. Analyzing literature, reading from a variety of sources, participating in discussions and writing responses are stressed as well as writing multi-paragraph essays. Students receive instruction and practice according to state standards in order to prepare them for HSPE testing.

### CO-ENGLISH 10

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 also complete a persuasive research essay and speech. This course is designed to provide all students with access to the general curriculum, and adapted to the individual learning needs of each student.

### FUNDATIONS OF ENGLISH 11

Class focuses on reading and writing skills through the use of materials adapted to appropriate skill levels. The curriculum is paralleled with the general education English 11. American Literature is analyzed through discussion and written responses. Students write multi-paragraph essays, learn how to incorporate research into essays and formatting in MLA. Successful completion of this class prepares students for meeting the demands of the senior project the following year. Students also receive instruction and practice for HSPE testing if they have not already earned passing scores.

### FUNDATIONS OF ENGLISH 12

Class focused on reading and writing skills through the use of materials adapted to appropriate skill levels. The curriculum is paralleled with the general education English 12 which includes all phases of the Senior Project required for graduation.. World Literature is analyzed through discussion and written responses. Students write multi-paragraph essays, continue to incorporate research into essays and format essays using MLA. Students also receive instruction and practice for HSPE testing if they have not already earned passing scores.

**MATH DEVELOPMENT** Course focuses on reviewing: computational skills with whole numbers, fractions, mixed numbers and decimals; variable expression & equations; factors & multiples; ratio & percent and geometric concepts. New material introduced includes integers and coordinate plane; and multiple stepped equations. Problem solving skills using measurement and reading and understanding graphs and data is an emphasis.

## **FOUNDATIONS OF ALGEBRA I**

The class focus is on Algebra concepts including solving equations, inequalities, proportion probability and beginning graphs and functions. The course uses the same text book and materials as the general education Algebra 1 classes. The pace of the course is modified to meet the needs of the students.

## **CO-GEOMETRY**

This Geometry course uses multiple learning styles in the presentation and practice of the curriculum. The textbook used in Geometry 1 is more structured and traditional than the book used in Geometry. Along with added structure, this class moves at a slower pace while covering the essential concepts. In the classroom, students are taught how to take notes in a direct instruction environment. The math processes are taught with step-by-step examples of the application of many properties and theorems in Geometry. This course is designed to provide all students with access to the general curriculum, and adapted to the individual learning needs of each student.

## **FOUNDATIONS OF ALGEBRA II A**

Requirements: Served through Special Education in the area of Mathematics. Completion of Foundations of Algebra 1 required. This course reviews linear functions, equations, inequalities, graphing and extends the study of the real number system used in Algebra I and Geometry. A numerical, graphical and symbolic approach to the study of linear, quadratic and, polynomial functions will be emphasized. The first year of this course will cover chapters 1-6 of the general education curriculum.

## **FOUNDATIONS OF ALGEBRA II B**

Requirements: Served through Special Education in the area of Mathematics. Completion of Foundations of Algebra 2A required. This course continues where Foundations of Algebra 2A left off. We will review factoring and working with quadratic expressions. A numerical, graphical and symbolic approach to the study of linear, quadratic, polynomial, exponential, and logarithmic functions will be emphasized. It will also cover exponential and quadratic functions and data analysis. The second year of this course will cover chapters 7-11 of the general education curriculum.

## **DIRECTED STUDIES**

**DIRECTED STUDIES** may be required if indicated on a student's IEP and is highly recommended for all qualified students enrolled in 4-5 general education core classes. Specially designed instruction is provided daily for each student according to his/her specific area of concern. Students are also instructed in organizational strategies and techniques for self-advocacy. During this class time, students have the opportunity for clarification of directions, task analysis, assignment and test completion.

**STRUCTURED LEARNING SUPPORT CLASSROOM** - Students in the Structured Learning Support Classroom will receive instruction, guidance, and coaching on a variety of self-management skills and coping strategies that are individualized to each student's abilities. These skills will allow them to consistently access, and successfully participate in their appropriate gen. ed/resource academic classes. Students will be working toward completing/meeting 3-4 out of 5 classroom expectations per period. They will also be improving their self-advocacy skills, and their ability to vocalize the feelings/frustrations they are experiencing 2-3 out of 5 times. Ultimately, they should only be using the support of SL class 1(or fewer), out of 5, times that they are scheduled to be in gen. ed/resource. They are also

working toward using appropriate emotional (coping skills) and academic (on task, work completion, study strategies, success on tests) self-management strategies. Emerging students will use self-management strategies to cope with change, frustration, boredom, confrontation, lack of understanding, etc. More proficient students will use self-advocacy skills and self-management strategies to stay on task, complete and turn in assignments on time, and succeed on academic classroom assessments.

## **SPECIAL EDUCATION LIFE SKILLS & HIGH NEEDS FUNCTIONAL INSTRUCTION**

**All Life Skills & High Needs classes are scheduled for a year (1.0 credit) & student placement is determined by the IEP team.**

### **LIFE SKILLS BASIC MATH I & II**

Specially designed instruction based on individual student needs.

### **LIFE SKILLS BASIC WRITING I & II**

Specially designed instruction based on individual student needs.

### **LIFE SKILLS BASIC READING I & II**

Specially designed instruction based on individual student needs

### **LIFE SKILLS SOCIAL STUDIES**

Focuses on increased independence in the classroom, school and community setting: Students work to meet individual goals in a variety of modalities where a functional skill development in a cooperative learning environment will occur.

### **LIFE SKILLS COMMUNITY BASED WORK PROJECT**

### **LIFE SKILLS ADAPTIVE PE**

## **HIGH NEEDS PROGRAM**

### **HIGH NEEDS FUNCTIONAL MATH**

Specially designed instruction based on individual student needs.

### **HIGH NEEDS FUNCTIONAL WRITING**

Specially designed instruction based on individual student needs.

### **HIGH NEEDS FUNCTIONAL READING**

Specially designed instruction based on individual student needs.

### **HIGH NEEDS FUNCTIONAL COMMUNITY BASED PRE - VOCATIONAL**

Specially designed instruction based on individual student needs.

### **HIGH NEEDS ADAPTED PE**

Specially designed instruction based on individual student needs.

### **HIGH NEEDS DAILY LIVING**

Specially designed instruction based on individual student needs

## **SPECIAL EDUCATION TRANSITION EDUCATION**

### **TRANSITION-COMMUNITY LIVING SKILLS**

Prerequisite: 18 – 21 years old with Special Education teacher approval  
Eligible students have an opportunity to learn skills in accessing the community, cooking, personal safety, exploring vocational interests, social and leisure activities. These classes are held off campus.

# TECHNOLOGY EDUCATION

## **“Teaching tomorrow’s future with today’s technology.”**

All students are welcome in our Technology Education program. Technology Education provides applied hands on opportunities for students wanting to explore or pursue skills and knowledge in variety technical occupations or career fields. Majors include: Computer & Networking Technology; Technical Communications, Visual Arts, Tool & Industrial Design/Technology, **more on Page 9.**

### **INTRODUCTION TO TECHNOLOGY**

Credit: .50 (Semester) or 1.00 (Year) Occupational Ed., Elective  
Prerequisite: None; Fee \$10/semester; Highly recommended for entry level into Technology Programs

This introductory course will consist of six week sections on each of the following technical areas: Digital Design, Digital Photography, Engineering & CAD, Web Page Design, Video Production, and Computer Animation.

### **ARCHITECTURAL DESIGN**

Credit: .50 (Semester) or 1.00 (Year) Occupational Ed., Fine Arts Elective  
Prerequisite: At least Sophomore standing; Fee \$10/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 the field. 3D computer modeling will be introduced as well to expand on the industrial and architectural design process.

### **ENGINEERING & CADD**

Credit: .50 (Semester) Occupational Ed., Elective  
Prerequisite: None; Fee \$10/semester

This course is for any student who plans on pursuing a career in engineering and/or CADD (Computer Aided Design & Drafting). Problem solving and a variety of engineering skills will be set in motion with students designing and building solutions in engineering related problems in our CADD and Fabrication labs.

### **WEBSITE DESIGN**

Credit: 1.00 (Year) or .50 (Semester) Occupational Ed., Fine Arts Elective  
Prerequisite: None; Fee \$10/semester

This course will focus on designing a variety of web sites, while learning how to apply creative interfaces, digital graphic image editing, functional site organization, and logical navigation. More emphasis will be on the practical design of web pages rather than on coding. The class will be using the web authoring software Macromedia Studio (Dreamweaver8, Fireworks8, Flash8) to create pages.

### **COMPUTER TECH & INDEPENDENT TECHNOLOGY**

Credit: 1.00 (Year) or .50 (Semester) Occupational Ed., Elective  
Prerequisite: Instructor’s approval: At least Sophomore standing; Fee \$10/semester

This course will allow students to choose and pursue interests in a variety of technical areas. Some students may choose to learn about computer repair/construction, service and networking... while others may choose a more individualized technical area of study and skill development. Example areas might include; Computer Animation, Video Production, Graphic Design, Website Design, 3D Modeling, CAD/Architecture, Scale Modeling, Computer Programming, Audio Engineering, Woodworking/Cabinetry and Metals/Machining.

## **FAB LAB**

Credit: .50 (Semester) Occupational Ed., Elective

Prerequisite: At least Sophomore standing; Fee \$10/sem-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.

## **GRAPHIC DESIGN**

Credit: 1.00 (Year ) Occupational 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: 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. You creative skills will grow and you technical skills will be pushed to produce images you never thought possible.

## **DIGITAL PHOTOGRAPHY**

Credit: .50 (Semester) Fine Arts, Occupational Ed., Elective

Prerequisite: None; 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**

Credit: .50 (Semester) Fine Arts, Occupational Ed., Elective

Prerequisite: "One semester of Digital Photography; Lab/color print fee \$25

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**

Credit: 1.0 (Year) Fine Arts, or Occupational Elective

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

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.

## **COMPUTER 3D MODELING & PROTOTYPING**

Credit: .50 (Semester) Occupational Ed., Elective

Prerequisite: None; Lab Fee \$10

Students will learn the technical skills relating to creating three-dimensional model images using computer software programs like Rhino, Auto-Desk's Inventor, and Blender. Students will be designing vehicles, buildings/structures, and a variety of consumer related products. Additional elective opportunities will be provided allowing students the option of designing models of their own choice. Physical proto-types of some design models will be built using shop related and 3D printing equipment.

## **DIGITAL DRAWING**

Credit: .50 (Semester Class) Fine Arts or Occupational 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.

## **SPORTS MEDICINE A**

Credit: .5(Semester) Occupational 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 training room opportunities. Students will complete a minimum 5 hours of experiential learning with an ATC. (Certified Athletic Trainer)

## **SPORTS MEDICINE B**

Credit: .5 (Semester) Occupational Ed.

Prerequisite: Sophomore Standing/Sports Medicine A

This course is an extension of Human Anatomy/Sports Medicine A. There is an emphasis in 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)

## **SPORTS MEDICINE PRACTICUM**

Credit: .5 (Semester) Occupational Ed. (may be repeated)

Prerequisite: Sophomore Standing, Participation in either Sports Med A/B, Instructor permission

This course is an extension of Human Anatomy/Sports Medicine A/B. This practicum focuses on putting the skills learned in Sports Medicine A/B to work by placing the student in an assistant role within the Athletic Training Room at CHS. Students will assist with taping, hydration, first aid, emergency procedures, and sideline management at various sporting events throughout the year. Additional opportunities for state level competition/leadership exist as well. 90 hours of participation in the CHS athletic training room or at event coverage, supervised by the ATC, are required.

## **ADVANCED SPORTS MEDICINE**

Credit: 1.0 (Year) Occupational 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.

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

Credit: .50 (Semester 1A or 1B) or 1.0 (Year 1A & 1B) Occupational Ed.

Prerequisite: At grade level in Mathematics. Fee \$10

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**

Credit: 1.00 (Year) Occupational Ed.

Prerequisite: Robotics Engineering 1 or permission

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.

## **ROBOTICS/COMPUTER SCIENCE SEMINAR**

Credit 1.00 (Year) Occupational Ed.

Prerequisite: Robotics/Engineering 2 or AP Computer Science, Jr./Sr. Fee 10\$

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.



## **AP COMPUTER SCIENCE**

Credit: 1.00 (Year) Occupational Ed.

Prerequisite: Robotics Engineering 2 or an Intro to Computer 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 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.

## **INTRODUCTION to COMPUTER SCIENCE: MINECRAFT MODDING**

Credit: 0.5 (Semester) Occupational Ed.

Prerequisite: None

Students will learn some Java programming concepts as they design and publish their mods they create for Minecraft. Your own registered copy of Minecraft is useful but not required.

## **INTRODUCTION to COMPUTER SCIENCE: EVERYONE CODES**

Credit: 0.5 (Semester) Occupational Ed.

Prerequisite: None

Students will learn simple common programming structures using Python, Java and C then apply their learning to solve everyday problems.

## **INTRODUCTION to COMPUTER SCIENCE: CODING ELEMENTS**

Credit: 0.5 (Semester) Occupational Ed.

Prerequisite: None

Students will learn common programming elements from Python, Java and C (such as conditionals, loops, variables, strings), using the Eclipse IDE as an in-depth preparation for AP Computer Science, then apply their learning to solving traditional computer science problems.

## **INTRODUCTION to COMPUTER SCIENCE: ELEMENTARY GAME DESIGN**

Credit: 0.5 (Semester) Occupational Ed.

Prerequisite: None

Students will learn programming for game design starting with Scratch to produce sophisticated education games suitable for elementary school classrooms, then continuing on to use Java and Paint.net, and other tools to begin to understand complex game construction.

## **INTRO to COMPUTER SCIENCE: MINECRAFT WORLD LEARNING ENVIRONMENTS**

Credit: 0.5 (Semester) Occupational Ed., may be repeated

Prerequisite: None

Students will learn to use the commercial tools to create virtual learning worlds in Minecraft, then complete projects to develop and publish the worlds they create.

## **STAGECRAFT**

Credit: 1.00 (Year) Fine Arts, & Occ Elective

Prerequisite: Instructor permission; need an ASB sticker before October 1

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.

# WORLD LANGUAGES

CHS offers five world languages - American Sign Language (ASL), French, German, Japanese and Spanish. 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, SPANISH I**

Credit: 1.00 (Year) Elective

Prerequisite: B or better in English required (or dept. 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, SPANISH II**

Credit: 1.00 (Year) Elective

Prerequisite: C or better in 1st year required (or dept. approval)

This course is a continuation of 1st year language. 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**

Credit: 1.00 (Year) Elective

Prerequisite: B or better in 2nd year required (or dept. approval)

This course is a continuation of 2nd year language with review and expansion of grammar, increased vocabulary, reading comprehension, writing ability, speaking ability, and cultural understanding.

## **4th YEAR GERMAN IV, FRENCH IV, JAPANESE IV, SPANISH IV**

Credit: 1.00 (Year) Elective

Prerequisite: Strongly recommended: B or better in 3rd year; Instructor approval for German IV

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.

## **AP LANGUAGE (Tenative offerings in AP Japanese and AP Spanish)**

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.

## **AMERICAN SIGN LANGUAGE I**

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**

Credit: 1.00 (Year) Elective

Prerequisite: American Sign Language I - Strongly 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**

Credit: 1.00 (Year) Elective

Prerequisite: American Sign Language II - Strongly recommend a B 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 video taped weekly with peers and instructor in class critiquing 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.



# VOCATIONAL - OFF CAMPUS

## CLARK COUNTY VOCATIONAL SKILLS CENTER

Credit: 3.00 (Year-three periods)

Prerequisite: At least Junior or Senior standing & application selection

The Clark County Vocational Skills Center is a cooperative venture to provide excellent vocational training for high school juniors and seniors. Training is available in sixteen different occupational programs. We have a limited number of places available at the Skill Center in each occupational 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 Skills Center 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 Skills Center for three periods of vocational training. There is also an opportunity for students to work on credit recovery while attending the Skills Center. 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 Skills Center. Upon graduation and completion of their entry-level skills at the Skills Center, students may go directly into the work force or continue their vocational education. You may speak with Mr. McConnell for more information.

The programs available this year are: (Detailed descriptions are available from Mr. McConnell and on the Skills Center's web site).

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

## CONFERENCE PERIOD

The purpose of the conference period (2:25-2:55 P.M.) is to provide opportunities for students to contact teachers for individualized instruction, make-up work, etc. This period is also used by teachers if they wish to conference with a student and/or parents. There is a dual responsibility: the teacher is required to be in his/her assigned room, available to students, and student must honor a teacher's request to be present during the conference period. No student activities are scheduled during the conference period.

## COUNSELORS

Counselors are prepared to deal with a wide range of student concerns. The counselors are available during the regular school day and are accessible at other times by appointment. Counselors are in their offices in the morning before classes begin, during break and lunch and also during conference time. If you wish to see a counselor during class time, obtain permission and a pass from your teacher before coming to your counselor's office.

## RUNNING START

Camas High School and Clark Community College cooperate in a 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 pass the ASSET exam in order to qualify for these programs.

## 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 after this official registration 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. During the school year, changes must be made before or during the first week of the semester. 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 may involve a counselor, instructors, parents, and in some cases, an administrator. The change must be approved or a grade penalty may result.

## THE CAREER CENTRE

The Career Centre 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 Aide applications and information; etc. Students and parents are encouraged to use the information and services available in the Career Centre.

## ADVISORY

Each student is enrolled in an advisory group that offers a variety of activities during the year.

## SCHEDULE CHANGE POLICY

Course schedules are student driven. 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.** Any request for a schedule change must be submitted before the tenth day of the beginning of the semester by initiating and securing an appointment with the grade-level counselor. Strong consideration will be given to requests which involve schedule corrections to include but not limited to inaccurate level placement, readjustments needed due to summer school completion, etc. It is anticipated these changes would be very limited and only for significant extenuating circumstances. Schedule change requests after ten days into the semester must be initiated by meeting with the grade-level counselor. 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.

**SAME COURSE SCHEDULE CHANGES: (Changing teachers during the semester or at the semester will not be allowed)**

Day 1 through Day 4

- Limited to changes for excellent reasons only
- Requires parent, teacher and either counselor or administrator approval

Day 5 through Day 10

- No scheduling changes w/o significant extenuating circumstances
- Requires counselor AND administrator AND parent approval
- A "W" for withdrawn will be entered on the transcript

Day 11 through remainder of semester

- No schedule changes
- 

**DIFFERENT COURSES SCHEDULE CHANGES:**

Day 1 through 4

- Limited changes for excellent reasons only
- Requires parent, counselor, teacher and administrator approval

Day 5 through Day 10

- No schedule changes w/o significant extenuating circumstances
- Requires counselor AND administrator AND parent approval
- A "W" for withdrawn will be entered on the transcript

Day 11 through Day 30 (last day of first six weeks)

- No schedule changes w/o extreme extenuating circumstances
- Requires counselor AND administrator AND parent approval
- Reduced credit for new class (.33 cr for passing grade)
- Penalty "F" will be entered on transcript for dropped class

Day 31 through Day 60 (last day of second six weeks)

- No schedule changes w/o extreme extenuating circumstances
- Requires counselor AND administrator AND parent approval
- Reduced credit for new class (.17 cr for passing grade)
- Penalty "F" will be entered on transcript for dropped class

Day 61 through Day 90 (end of semester)

- No schedule changes w/o extreme extenuating circumstances
- Requires counselor AND administrator AND parent approval
- No credit for new class

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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

Rita Pakenen, Human Resource Director  
841 NE 22nd Ave., Camas, WA 98607  
360-335-3000

Rita.Pakenen@camas.wednet.edu

Section 504/ADA Coordinator

Dana Jones, Director of Teaching, Learning, and Special Programs  
841 NE 22nd Ave., Camas, WA 9607  
360-335-3000

Dana.Jones@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