

Capital High School



2024-2025

Freshman Registration Guide

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Purpose of Registration Guide

To Our Capital High School Students, Parents and Guardians:

This booklet is designed to help our students and their parents select proper courses for the coming year. Please read it carefully. Students should talk over concerns with their parents/guardians, counselors, and teachers. It is important students select courses in the fields of their aptitudes, interests, and capabilities. The courses that are selected now will, in large measure, determine what students will do later. Students who plan on going to college should take courses to meet the general requirements for specific colleges or universities of their choice.

The enrollment of Capital High School for the year **2024-2025** will be over 1350 students in grades 9, 10, 11, and 12. It is necessary that all students intending to attend next school year complete their registration on time to secure the necessary teachers, order supplies, create a master schedule, equalize class sections, and utilize time and building space to the maximum degree of efficiency.

This booklet explains Capital's graduation requirements, required courses and course content. After the course outline is carefully studied, the student, with his or her parents/guardians, should fill out the registration form. Students will be scheduled for the year according to their completed registration.

Please make selections very carefully. Changes in registration will be permitted only in response to a need by failure to receive a passing grade in a course or because of very unusual circumstances that may develop. Students should select full-year courses with care and should realize that full-year courses may not always be dropped at semester time.

Graduation Requirements

Students who complete the course requirements listed below **and** earn a minimum total of 23 credits will meet the requirements for graduation.

| Course Type | | Credits Required |
|-------------------------------|--------------------------------|------------------|
| ENG | English | 4.0 |
| SST | World Studies | 1.0 |
| USH | American Studies 1 | 1.0 |
| AMG | American Studies 2 | 1.0 |
| SCI | Science | 2.0 |
| MTH | Mathematics | 3.0 |
| HP | Human Performance | 1.5 |
| HE | Health Enhancement | 0.5 |
| FA | Fine Arts | 1.0 |
| VOC | Career and Technical Education | 1.0 |
| ELE | Electives* | 7.0 |
| Total Credits Required | | 23.0 |

**Elective credits may be earned in classes from all content areas, including SCI, MTH, FA, VOC, etc.*

Course Request Information

NORMAL CLASS LOAD

- **Freshmen & sophomores** need to be enrolled in **seven (7) periods per day**, with at least six (6) credit-bearing classes. One period may be a study hall. Students who choose to take seven credit-bearing classes need to consider the time required to work on those classes after school hours. Freshmen & sophomores may request to start zero period (7:25 a.m.) or 1st period (8:20 a.m.).
- **Juniors & seniors** must register for at least **six (6) credit-bearing classes** and may elect to take a study hall for a seventh class. Juniors and seniors may request to start classes zero period (7:25 a.m.), 1st period (8:20 a.m.) or 2nd period (9:15 a.m.).
- All bus students start 1st period.
- Any student who completes the day before 3:15 p.m. must leave the building or enroll in a study hall.

COURSE CREDITS & PREREQUISITES

- Full-year subjects such as English, American Studies, PE, etc. will receive one (1.0) credit per year.
- Semester subjects such as Psychology, Special Topics, etc. will receive a half (.5) credit.
- Credits are noted next to each course title as 1.0 or .5.
- **Course prerequisites/instructor verifications are noted at the end of each course description.**
- While a student may have fulfilled prerequisites/verifications, the availability of staff will determine the number of students finally enrolled in a class.

MAKING UP REQUIRED COURSES

- Students must register for required courses before they request elective courses.
- When a student fails the 1st semester of a required course, the student must register for the class for next year during the spring registration for the next year. **-OR-**
- A student can register for the Credit Recovery class with his/her counselor's permission.
- A student who receives a **D** in any **math course** is advised to repeat the course.
- Students who successfully complete a summer school make-up course for the failed semester can request a schedule change after summer school is completed and a passing grade is earned.

SETTING THE CHS COURSE SCHEDULE & CHANGING STUDENT SCHEDULES

- Scheduling at CHS is based on student course requests.
- All students request courses for the next year, but some courses may not be available for next year due to scheduling conflicts, lack of requests for the course, or staffing issues.
- Changes in registration will be permitted when necessary to fulfill graduation requirements, correct an enrollment error, or if another very unusual circumstances develop.
- Students should select full-year courses with care and should realize that full-year courses may not always be dropped at semester time.
- Students have **the first two weeks at the beginning of each semester to drop/add classes** with the appropriate signatures (parent/guardian and/or teachers) without receiving a Withdraw Fail (**WF**).
- A student who is withdrawn or dropped from a class two weeks or more after the beginning of a semester will have a **WF** recorded on the student's permanent record. Extreme circumstances may be appealed to the administration.
- Administration, parent, and teacher approval is required to **WF** any class.

Course Request Information

| Signature on Registration Form Required <i>Signature indicates the student had a discussion with that teacher.</i> | Courses with Fees | Fee Amount |
|---|------------------------------|---------------|
| 1101 English 1 Honors (commitment form) | 3356 Technical Math | \$20/Year |
| 1201 English 2 Honors (commitment form) | 4300 Biology 2 | \$30/Year |
| All Math Courses | 4306 Biology AP | \$30/Year |
| All Science Courses grades 9-10 only | 4421 Science Seminar | \$175/Year |
| 9300 Unified PE | 6110 Art 1 | \$20/Year |
| | 6120 Art 2 | \$25/Year |
| Application Required | 6130 Art 3 | \$30/Year |
| 4101 Earth and Space Science Honors (grade 9 only) | 6140 Art 4 | \$30/Year |
| 4201 Biology 1 Honors (grade 9 only) | 6150 Visual Arts Design 1 | \$20/Year |
| 4400 Physics (grade 9 only) | 6160 Visual Arts Design 2 | \$20/Year |
| 4421 Science Seminar | 6170 Visual Arts Design 3 | \$20/Year |
| 7402 Yearbook | 6210 Ceramics 1 | \$30/Year |
| 7404 Yearbook 2 | 6220 Ceramics 2 | \$30/Year |
| 8140 Library Media Tech | 7100 Fundamental Woodworking | \$40/Year |
| 8260 Peer Mentoring | 7170 Intermediate Carpentry | \$40/Year |
| 9351 Health Careers Exploration | 7190 Advanced Carpentry | \$40/Year |
| | 7173 Carpentry 3 | \$40/Year |
| | 7210 Auto 1 | \$80/Year |
| Audition and Signature Required | 7220 Auto 2 | \$80/Year |
| 6371 Jazz Ensemble | 7203 Auto 3 | \$80/Year |
| 6410 Intermediate String Orchestra | 7230 Welding 1 | \$40/Year |
| 6420 Advanced String Orchestra | 7240 Welding/Machining 2 | Own Materials |
| 6560 Jubilettes | 7250 Welding 3 | Own Materials |
| 6570 Saturday's Children | 7255 Machining 3 | Own Materials |
| 6571 Jazz Choir | 7535 Culinary Arts 1-2 | \$45/Year |
| 6710 Theater 2 | 7540 Culinary Arts 3 | \$45/Year |
| 6720 Theater 3 | 9402 Lifetime Sports | \$100/Sem |

Financial Assistance for Course Fees:

Financial assistance for some fees is available to families with documentation of financial need, as determined by eligibility for free/reduced meals. If assistance is needed, please visit with the CHS bookkeeper, in the Main Office.

Honors & Advanced Placement Courses

GPA STATUS FOR GRADUATION WITH HONORS

| Honors Recognition | Grade Point Average Required |
|--------------------|------------------------------|
| Summa Cum Laude | 3.900-4.000 |
| Magna Cum Laude | 3.750-3.899 |
| Cum Laude | 3.500-3.749 |

HONORS & ADVANCED PLACEMENT (AP)

Capital High School offers a variety of dual credit, honors, and Advanced Placement (AP) classes in several subject areas. The honors courses are offered for the student who has a strong aptitude in that subject area and is willing to accept and work on a rigorous course curriculum. In addition to the course work during the school year, students who will be taking honors and AP classes will receive a summer assignment that must be completed prior to the first day of school. All dual credit courses count as both high school and college credit. The courses are taught on the campus of Capital High School. Students are responsible for college registration, cost of tuition and fees. Students must be at least 16 years old to qualify for college credit.

It is recommended that students take honors courses beginning their freshman year in order to be eligible for upper-level honors and AP courses. However, students may elect to try an honors or AP course in the sophomore year or beyond, even if they have not taken a course prior to that year.

AP courses are taught on a prescribed curriculum meant to simulate a college course, with all the rigor and expectations of a college course. Near the end of the course, a student may elect to take a national AP exam for a fee that could earn college credit for the student. Students may take an AP exam in any subject, even if they have not taken the AP course for that exam.

It is always recommended that the student and the family work with the student's counselor to work out a schedule that meets the academic needs of the student and sets the student up for success in his/her academic endeavor. It is not recommended by Capital High School that a student take more than three honors or AP classes each year. If a student wishes to take more than three honors or AP classes in a year, it is strongly recommended the student and the family meet with the counselor for a discussion.

HONORS COURSES: Please turn to the specific department for course descriptions.

| | | |
|---------------------------|---------------------------|---------------------|
| Biology 1 Honors | English 2 Honors (Pre AP) | Math 2 Honors |
| Earth Science Honors | Math 1 Honors | Pre-Calculus Honors |
| English 1 Honors (Pre AP) | | |

AP COURSES:

These rigorous courses are offered on the Capital High campus. Students pay approximately \$95 to take the AP test in the spring. The test is scaled from 0-5. The university determines the level of achievement for credit and type of credit (required or elective) awarded. The following courses are the AP options:

| | | |
|------------------------|--------------------------------|--------------------|
| AP American Government | AP Computer Science Principles | AP Human Geography |
| AP American History | AP Computer Science A | AP Physics 1 |
| AP Biology | AP English 3 (Lang & Comp) | AP Physics 2 |
| AP Calculus | AP English 4 (Lit & Comp) | AP Physics C |
| AP Chemistry | AP Environmental Science | AP Spanish 5 |
| | AP European History | AP Statistics |

Dual Credit Opportunities

The following courses are taught at Capital High School and are offered for dual credit through our partner institutions. Students are required to fill out a separate application and course registration for the college credit portion of the class. Counselors will present registration information at the start of each semester, and it is the student's responsibility to meet all of the college's deadlines and test score requirements, as well as to pay fees if required.

| CHS/Helena College Dual Credit Offerings** | | | | |
|--|--------------------------------------|---------|------|--|
| Helena College Course | | Credits | CRN | CHS Course |
| WRIT 101 | College Writing | 3 | 1457 | English 4-WRIT 101 College Writing |
| LIT 110 | Intro to Literature | 3 | 1458 | English 4- LIT 110 |
| COMX 106 | Communication in a Dynamic Workplace | 3 | 1459 | English 4-Communication in a Dynamic Workplace |
| M 105 | Contemporary Math | 3 | 3302 | Contemporary Math |
| M 111T | Technical Math | 3 | 3356 | Technical Math |
| M 121 | College Algebra | 3 | 3440 | College Algebra |
| M 151 | Pre-Calculus | 4 | 3301 | Pre-Calculus Honors |
| M 171 | Calculus I | 4 | 3402 | AP Calculus AB |
| M 172 | Calculus 2 | 4 | 3405 | AP Calculus BC |
| STAT 216 | Intro to Statistics | 3 | 3441 | Statistics |
| CAPP 154 | MS Word | 3 | 7360 | MS Word/Access |
| CAPP 156 | MS Excel | 3 | 7361 | MS Excel/PowerPoint |
| MCH 234 | CNC Milling Operations 1 | 4 | 7250 | Machining 3 |
| AUTO 104 | Automotive Mechanics | 3 | 7203 | Auto 3 |

**** Dual credit course offerings are dependent on staff with dual certifications. Classes offered for dual credit could change if staffing changes occur and no dual certified teachers are available.**



“One-Two-Free” offers two free dual enrollment courses, up to six credits, through the Montana University System (MUS) to all eligible high school students. Dual enrollment allows high school students to take 100 and 200 level college courses on campus, online, or in their high school. Students can explore a wide range of content including academic core and workforce courses. For more information, [click here](#).



- The program offers eligible high school students their first two classes free, up to six credits.
- After that students pay the discounted dual enrollment tuition rate of 50% the two-year institution's tuition (on average \$59 /credit).
- Students who demonstrate need can apply for a hardship scholarship to cover tuition beyond their first two courses/six credits.
- One-two-free applies to any lower division dual enrollment course from a participating institution, whether it is online, on campus, or in the high school.

Dual Credit Opportunities

All dual credit courses count as both high school and college credit. The courses are taught on the campus of Capital High School. Students are responsible for college registration, cost of tuition and fees. **Students must be at least 16 years of age or enrolled in grade 11** and meet course qualifications. **All Math** courses require an additional placement form. Students are recommended to have a B or better in the pre-requisite math course when taking for college credit. ACT Math scores can also be used to prove proficiency for placement in a dual credit math course.

When you request a dual credit course, an application must be completed for the college credit portion of the class. *Students who drop a dual credit course once the semester has started are required to drop at both CHS and the corresponding college. Failure to drop at the college will cause the student to be responsible for paying the course fees, and the failure will be reflected on the Helena College transcript.*

| Dual Credit Math Pathways | | | |
|---|--|---------------------|------------------------|
| Pairing Your College Plans of Study with the Appropriate Math Class | | | |
| CHS Dual Credit Classes | | | |
| M151 Pre-Calculus/M171 Calculus | M121 College Algebra/STAT 216 Statistics | M111 Technical Math | M105 Contemporary Math |
| College Fields of Study | | | |
| STEM Fields | Social Sciences | Trade Programs | Fine Arts |
| Hard Sciences | Business | Certificates | Liberal Arts |
| Bench Sciences | Nursing/Allied Health | | |
| Medical Fields | | | |
| Engineering | | | |
| Math | | | |

MONTANA DIGITAL ACADEMY: DUAL CREDIT OFFERINGS

The Montana Digital Academy offers dual credit courses through various Montana University System Institutions. Students are responsible for the technology component to ensure success in the online learning environment. They are also responsible for college registration, cost of tuition and fees. Students should visit with their counselor for more information or visit <http://montanadigitalacademy.org/montana-university-system-dual-credit-information/>.



PROJECT LEAD THE WAY (PLTW) UNIVERSITY OF MONTANA

The University of Montana recognizes and awards credits for Project Lead The Way (PLTW) courses. General Education and course credit for the Biomedical Sciences courses is granted based upon successful completion of the course with assessment scores as described below. Enrollment Services-Admissions will provide students with an evaluation of their credits upon receipt of official scores. The University of Montana awards college credit to undergraduate degree students on the basis of official score reports from PLTW. <https://www.umt.edu/admissions/apply/advanced-credits/project-lead-the-way.php>

| PLTW Biomedical Sci. Course | Score | UM Course | UM Credits |
|-----------------------------|-------|--------------------------------------|------------|
| Y2 Human Body Systems | 350+ | BIOH 112, Human Form and Function I | 3 |
| Y3 Medical Interventions | 390+ | BIOH 113, Human Form and Function II | 3 |



Pre-Apprenticeships

<http://apprenticeship.mt.gov/>

Capital High School's CTE Department has created a partnership with the Montana Department of Labor. Together they have developed a pre-apprenticeship program in the construction technology pathway. Students working within the pre-apprenticeship program will develop practical and skilled work experiences based on industry and occupational standards. Students will begin tracking hours that may be used in an approved apprenticeship program upon graduation.

| CHS Courses | | | CHS Activities/Certifications | | |
|------------------------------|--------------------------|-------------|--|--------------------------------------|-------------|
| Course # | Course Name | Max Hours | Additional Hours That Can Be Earned at CHS | | |
| 7100 | Fundamental Woodworking | 150 | | OSHA 10 | 10 |
| 7102 | Intermediate Carpentry | 300 | | SkillsUSA | 30 |
| 7180 | Advanced Carpentry | 300 | | NAHB | 30 |
| 7173 | Carpentry 3 | 300 | Total Hours Earned at CHS | | 1670 |
| 7410 | Drafting 1 | 150 | <i>Supplemental Dual Credit Courses</i> | | |
| 7163 | Drafting 3-Architectural | 150 | 1459 | Communication in a Dynamic Workplace | 150 |
| 7230 | Welding 1 | 150 | 3356 | Technical Math | 150 |
| Total Classroom Hours | | 1600 | Max Potential Hours at CHS | | 1970 |

This course of study for the pre-apprenticeship program has developed by CHS in partnership with the Registered Apprenticeship Program through the Montana Department of Labor and Industry. The intent of this course of study is to provide the pre-apprentice with industry approved technical instruction, allowing for a seamless transition into a registered apprenticeship program and/or employment in occupations related to the construction industry with possible advancement.

Apprenticeship programs require members to complete career specific training as well as on the job training hours. Hourly wage's is dependent on where apprentices are within the apprenticeship program.

The CHS pre-apprentice program can lead to apprenticeships in construction, electrical, or plumbing fields. Additional construction related fields may be able to count hours depending on apprentice sponsor approval.

For example:

| Typical Electrician Apprentice Pay Scale | | | |
|--|----------------------|--------------|-------------------------------|
| 1 st Band | 0-1000 Hours | \$18/Hour | or 40% of Journey Worker Wage |
| 2 nd Band | 1001-2000 Hours | \$22.5/Hour | or 50% of Journey Worker Wage |
| 3 rd Band | 2001-3500 Hours | \$27/Hour | or 60% of Journey Worker Wage |
| 4 th Band | 3501-5000 Hours | \$31.50/Hour | or 70% of Journey Worker Wage |
| 5 th Band | 5001-6500 Hours | \$36/Hour | or 80% of Journey Worker Wage |
| 6 th Band | 6501-8000 Hours | \$40.5/Hour | or 90% of Journey Worker Wage |
| Journeyman | 8000 hours completed | \$45/Hour | |

CHS students who complete the pre-apprenticeship program at CHS could be 86% of the way to completing the 2nd band of the apprenticeship program. Potentially, with some work hours, they will be earning \$27/hour while their peers head off to college. Within 4 years of graduation, it is very possible to be finished with the apprenticeship program and at journeyman status, earning potentially over \$90,000 per year.

Apprentices who complete their program earn an average of over \$63,000 annually, \$20,000 higher than the statewide average wage. Students who begin their apprenticeship after graduation begin earning a salary right way with benefits and without taking on student loan debt. 90% of apprenticeship graduates are employed in Montana after completing their program. Apprenticeships are good for students as well as for Montana. (Source: MDLI)

Special Recognitions

CHS B.E.A.R. AWARD

Capital High School honors those students who go beyond the required course load for graduation by taking honors, Advanced Placement and accelerated college preparation classes while maintaining a 3.5 grade point average. The Bruin Educational Achievement Recognition (B.E.A.R.) is awarded to graduating seniors who have achieved the following:

1. Taken 10 or more honors, Advanced Placement, and/or accelerated credits receiving a minimum of a B letter grade (after 8th semester).
2. Earned at least 7 of the 10 credits in following core departments: English, Math, Social Studies, Science, or Foreign Language.
3. Taken all required classes necessary for graduation.
4. Graduate with a minimum of 26 credits.
5. At the time of graduation have a minimum cumulative G.P.A. of 3.5.
6. No outstanding past or current disciplinary problems determined at the discretion of the Helena School Board through the day of graduation.
7. Involved in at least 2 school related activities.
8. Complete application for the B.E.A.R. award fall of senior year.

The following courses qualify for the B.E.A.R. and may only be counted once:

| English | Sciences | Fine Arts-Continued |
|---|--------------------------|---|
| English 1 Honors | Earth Science Honors | Advanced String Orchestra (Chamber) |
| English 2 Honors | Biology 1 Honors | Jubilettes |
| English 3 AP Language & Composition | Biology AP | Saturday's Children |
| English 4 AP Literature & Composition | Chemistry AP | Jazz Choir |
| English 4 College Writing & Literature | Physics | Music Theory Careers Prep |
| | AP Physics 1 | Theater 3 |
| Social Studies, History, & Gov't | AP Physics 2 | Career & Technical Education |
| World Cultures Honors | AP Physics C | Carpentry 2 |
| American History AP | Science Seminar | Carpentry 3 |
| American Government AP | Environmental Science AP | Auto Technology 2 |
| European History AP | World Languages | Advanced Auto Skills & Tech 3 |
| Economics AP | French 3 Honors | Welding 3 |
| Human Geography AP | French 4 | Machining 3 |
| Mathematics | Spanish 4 | Accounting 2 |
| Math 1 Honors | Spanish 5 AP | Accounting 3 |
| Math 2 Honors | German 4 | MS Office Word/Excel |
| Pre-Calculus Honors | Fine Arts | MS Office Access/PowerPoint |
| AP Calculus AB | Art 4 | Marketing Management |
| AP Calculus BC | Visual Arts Design 3 | Health Careers Exploration |
| Statistics AP | Symphonic Band | |
| Computer Science AP A or Principles | Jazz Ensemble | Accredited College Course (S1 & S2) |

Special Recognitions

HEF DISTINGUISHED SCHOLARS AWARD



Distinguished Scholars are selected on the basis of criteria developed by students, teachers and administrators, including GPA, number of high-level courses, total credit hours, and activities. For up to date information and eligibility rules, visit www.hefmt.org/celebration-of-excellence/.

Qualifications for Distinguished Scholars

Students must have a minimum of 13 (14 beginning with the Class of 2023) credit hours of honors, AP, accelerated or college-level classes (eligible dual credit courses as listed) and a 3.7 GPA at the end of the 7th semester in order to qualify as a Distinguished Scholar, and a minimum 24 total credit hours by the end of the 7th semester. Credits for non-core classes are limited to 2 credits of advanced study per area, such as music, art, language, etc.

NATIONAL HONOR SOCIETY



National Honor Society is a prestigious national organization only for the best and brightest students. The eligibility process begins with a minimum 3.5 cumulative GPA at the end of a student's fifth semester of high school. Members are selected based on the four criteria of scholarship, service, leadership, and character. NHS is a valuable addition to a student's high school transcript.

The following are the criteria for membership in National Honor Society:

Scholarship – Members have completed 5 semesters of high school and have a minimum cumulative GPA of 3.5 to be considered for membership in NHS.

Character – Members must be of good character. They must not have had any serious infractions of school policy during their time at CHS.

Service – NHS is a service organization. This means that we volunteer to help with various school and community events that are worthwhile and beneficial to the community.

Leadership – NHS members are student leaders by virtue of the fact that they give freely of themselves, stand up for what is right, and present as role models by adhering to the four tenets of National Honor Society.

Membership requires community service participation as well as attendance at bi-monthly lunchtime meetings.

As NHS is a prestigious national organization, membership in this group is an advantage when applying to the college or university of your choice.

English

A minimum of 4.0 ENG credits are required.

Students are not required to stay in a specific stream for English. They are free to move from a regular English class to an honors/AP class or from an honors/AP class to a regular English class. Students are encouraged to make decisions based on their ability.

| | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|---|--|--|--|---|
| Required Courses <i>Choose one</i> | English 1 English 1-Honors (Pre-AP) | English 2 English 2-Honors (Pre-AP) | English 3 English 3-AP Lang & Comp | English 4A-Multicultural Literature English 4B-Modern Literature English 4C-Sci Fi/Fantasy Literature English 4-Coms in Workplace (DC) English 4-AP Literature & Composition College Writing & College Lit. (DC) |
| Elective Courses | | Creative Writing | Creative Writing Peer Mentoring Class | Creative Writing Peer Mentoring Class |
| ENGLISH INTERVENTIONS: <i>Placement in the following intervention courses is based on academic need, as determined by screening and/or teacher recommendation.</i> | | | | |
| | Reading Lab English 1-Applied | Reading Lab | Reading Lab | Reading Lab |

1100 English 1

Grade: 9

1.0 Credit

English at the freshman level explores the genres of mythology (including *The Odyssey*), non-fiction, novel, drama (i.e. *Romeo and Juliet*) and short story. The emphasis in composition is on argumentative analysis and process writing. Grammar, spelling, vocabulary development, library orientation, speaking, listening, study skills and research are also included.

1101 English 1-Honors (Pre-AP)

Grade: 9

1.0 Credit

**Special Note: Registering for an AP or Honors course is meant to be a YEAR-LONG COMMITMENT. If you wish to drop an AP or Honors course, you will have to wait until one week after the semester begins.*

Honors English I is an accelerated course designed for the student who performs well in English, has a passion for reading and responding to a variety of literature, and enjoys writing. Students in this course must be self-motivated, be able to analyze and think critically about what they read and be active class participants. The course prepares students for Advanced Placement English courses at the junior and senior levels. **Prerequisite(s): Signed commitment form attached to registration materials -AND- completion of summer reading and related assignments. An A or B in the previous year's English class is recommended.**

Social Studies, History, & Government

A minimum of 1.0 SST, 1.0 USH, and 1.0 AMG credits are required.

| | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|-------------------------|-------------------------------------|---|--|--|
| Required Courses | World Studies Human Geography AP | None Required | American Studies I American History AP | American Studies II American Government AP |
| Elective Courses | | European History AP World History Philosophy Psychology Sociology | European History AP World History Philosophy Sociology Psychology Advanced Psychology Special Topics | European History AP World History Philosophy Sociology Psychology Advanced Psychology Special Topics |

FRESHMAN YEAR - WORLD CULTURES OPTIONS

2100 World Studies (Required) Grade: 9 1.0 Credit

The World Studies course, rooted in an inquiry-based approach, integrates civics, economics, geography, and history to cultivate critical thinking skills. Aligned with state, national, and C3 standards, the course prepares students for active citizenship. This dynamic course goes beyond traditional learning, providing a holistic educational experience that equips students with knowledge and skills for the complexities of the 21st century.

2103 Human Geography AP Grade: 9 1.0 Credit

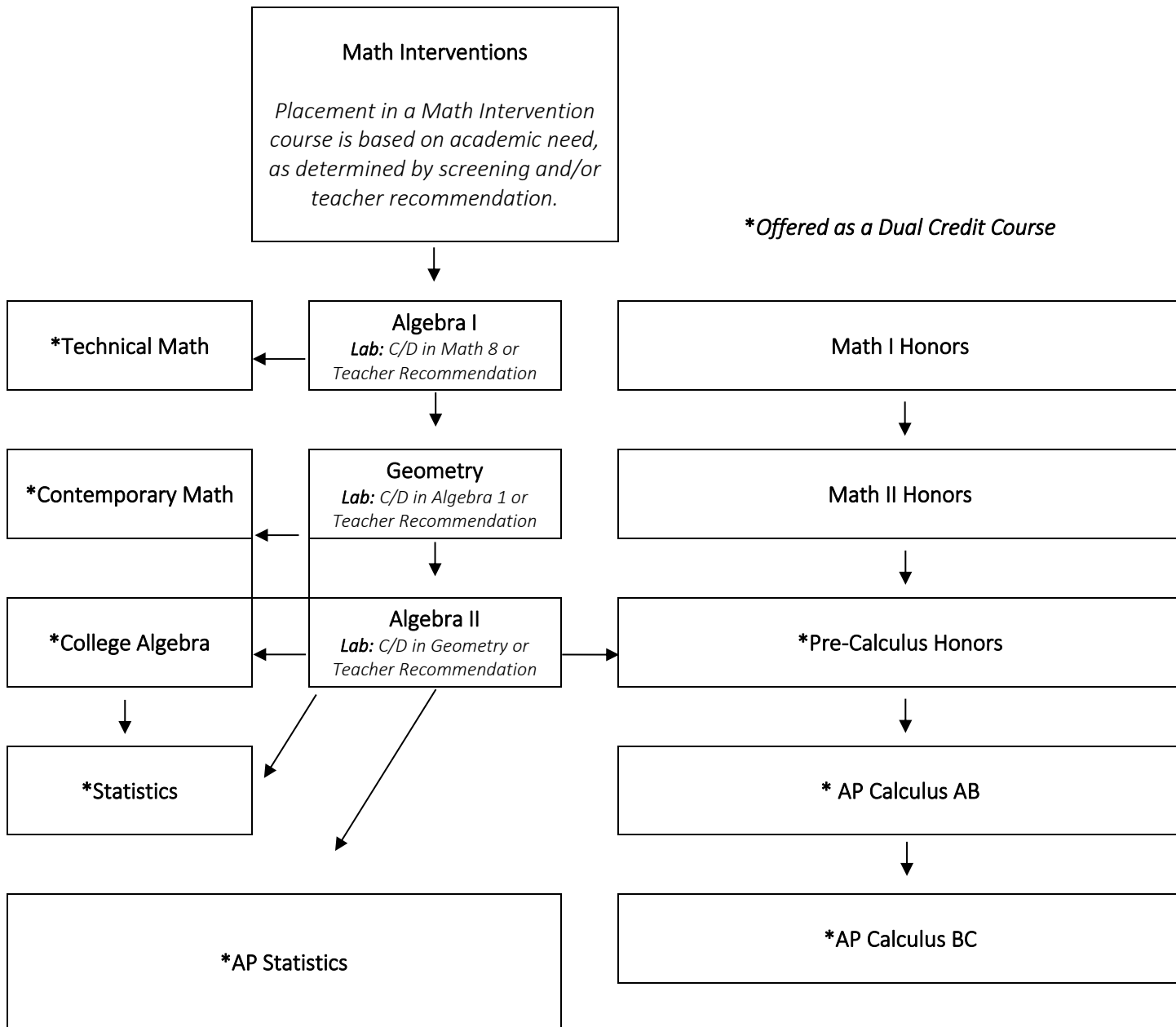
**Special Note: Registering for an AP or Honors course is meant to be a YEAR-LONG COMMITMENT. If you wish to drop an AP or Honors course, you will have to wait until one week after the semester begins.*

Learn about the world and get college credit! The AP Human Geography course is equivalent to an introductory college-level course in human geography. Content is presented thematically through the subfields of: economic geography, cultural geography, political geography and urban geography. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Students enrolling for this course will be assigned college-level texts to read, along with writing assignments and projects meant to develop critical thinking skills. Students successfully completing this course will take the Advanced Placement test (Exam Fee: Approx. \$95) for college credit and will fulfill the district's World Cultures curriculum requirement. The exam is accepted in most colleges and universities for college credits, depending on student's AP exam score.

Mathematics

A minimum of 3.0 MTH Credits are required.

CHS MATHEMATICS COURSE FLOW CHART



Mathematics

A minimum of 3.0 MTH Credits are required.

3103 Pre-Algebra

Grades: 9-12

1.0 Credit

This is a remedial course for students who have not experienced success with middle school mathematics. The course prepares students for Algebra 1 and refines arithmetic skills. This course does not meet high school state standards. Students will be required to take Algebra 1 the following year. **Prerequisite(s): Signature of current Math teacher is required on registration form.**

3100 Algebra I

Grades: 9-12

1.0 Credit

This is the first of the four-year sequence for all students. This is the foundational high school course for students and emphasizes a strong development of the ideas of Algebra. The course prepares students for algebraic thinking and problem solving skills. Students who successfully complete this course will go on to take Geometry.

Prerequisite(s): Signature of current Math teacher is required on registration form.

3101 Mathematics 1-Honors

Grade: 9

1.0 Credit

**Special Note: Registering for an AP or Honors course is meant to be a YEAR-LONG COMMITMENT. If you wish to drop an AP or Honors course, you will have to wait until one week after the semester begins.*

This is the first of the four-year honors sequence. This is an accelerated course and emphasizes a strong development of the ideas of Algebra and Geometry. The course prepares students for algebraic thinking and refines geometric and problem solving skills. Students who successfully complete this course will go on to take Honors Mathematics 2. **Prerequisite(s): Signature of current Math teacher is required on registration form.**

3200 Geometry

Grades: 9-12

1.0 Credit

This is the second of the four-year sequence for all students and emphasizes a strong development of the ideas of Geometry. The course prepares students for geometric thinking and refines probability and Algebra skills. Students who successfully complete this course will go on to take Algebra 2. **Prerequisite(s): Signature of current math teacher or passing grade in Algebra 1.**

3201 Mathematics 2-Honors

Grades: 9-10

1.0 Credit

**Special Note: Registering for an AP or Honors course is meant to be a YEAR-LONG COMMITMENT. If you wish to drop an AP or Honors course, you will have to wait until one week after the semester begins.*

This is the second of the four-year sequence and emphasizes a strong development of the ideas of Geometry and higher Algebra skills. The course prepares students for geometric thinking and refines geometric, statistical and problem-solving skills. Students who successfully complete this course will go on to take Honors Pre-Calculus. **Prerequisite(s): Signature of current Math teacher is required on registration form -AND- Honors Algebra 1 (B or better recommended).**

Sciences

A minimum of 2.0 SCI Credits are required.

Science Pathways

| | | | |
|---|---|--|---|
| <p>2 Years Required for Graduation (1 Physical Science & 1 Life Science)</p> <p>*3 years recommended for Rigorous Core/College Entrance</p> | <p>Physical Science Earth & Space Science Earth & Space Science Honors Chemistry Physics</p> | <p>Life Science Biology Biology 1 Honors</p> | |
| <p>Grade 9 Required Science Options</p> | | <p>Grade 10 Required Science Options</p> | |
| <p><i>Earth & Space Science -or- Honors Earth & Space Science (Geometry/Math 1 Honors req) -or- Biology 1 Honors (Geometry/Math 1 Honors req) -or- Physics 1 (Math 2 Honors req)</i></p> | | <p><i>Biology 1 -or- Biology 1 Honors -or- Chemistry 1-or- Physics 1</i></p> <p><i>You can take additional elective Science options as well!</i></p> | |
| <p>General Science</p> | <p>Environmental Sciences</p> | <p>Physical Science/ Engineering</p> | <p>Health/Medical</p> |
| <p>9th Grade</p> | <p>9th Grade</p> | <p>9th Grade</p> | <p>9th Grade</p> |
| <p>Earth & Space Science Honors Earth & Space Science</p> | <p>Earth & Space Science Honors Earth & Space Science</p> | <p>Honors Earth & Space Science -or- Physics 1 (Math 2 Req)</p> | <p>Honors Biology 1 (Math 1 req) Principles of Biomed rec.</p> |
| <p>10th Grade</p> | <p>10th Grade</p> | <p>10th Grade</p> | <p>10th Grade</p> |
| <p>Biology 1 Honors Biology 1</p> | <p>Biology 1 Honors Biology 1 AND- Chemistry 1</p> | <p>Chemistry & Biology 1 Optional- Biology 1 Honors, AP Physics 1</p> | <p>Chemistry AP Biology -or- Biology 2 Human Body Systems rec.</p> |
| <p>11th Grade</p> | <p>11th Grade</p> | <p>11th Grade</p> | <p>11th Grade</p> |
| <p>Chemistry Physics Biology 2 AP Environmental Science</p> | <p>AP Biology or Biology 2 AND- AP Environmental Science</p> | <p>AP Physics 1 AP Physics 2 or C Optional AP Chemistry</p> | <p>Biology 2 -or-AP Biology Chemistry -or- AP Chemistry Bio Med 3 rec.</p> |
| <p>12th Grade</p> | <p>12th Grade</p> | <p>12th Grade</p> | <p>12th Grade</p> |
| <p>Chemistry Physics Biology 2 AP Environmental Science Science Seminar AP Science Options</p> | <p>Science Seminar AP Chemistry AP Physics 1 AP Biology</p> | <p>AP Physics 2 or C Science Seminar AP Chemistry</p> | <p>AP Chemistry Physics -or- AP Physics 1 Science Seminar Bio Med 4 rec.</p> |
| <p><i>Please understand these pathways are just guides and designed to help you plan a sequence of courses that will prepare you for specific career clusters. We encourage you to take any science electives that you are interested in as long as you meet the prerequisites for that course.</i></p> | | | |
| <p>Elective Course Suggestions <i>These courses meet rigorous core for university studies</i></p> | <p>Grade 10 AP Biology; Biology 2; AP Physics 1; Chemistry</p> | <p>Grade 11 AP Biology; Biology 2; AP Chemistry; Chemistry; AP Environmental Sci; AP Physics 1, 2, or C;</p> | <p>Grade 12 AP Biology; Biology 2; AP Chemistry; Chemistry; AP Environmental Sci; AP Physics 1, 2, or C; Science Seminar</p> |

SCIENCE INTERVENTIONS

Placement in a Science Intervention course is based on academic need, as determined by screening and/or teacher recommendation.

Sciences

A minimum of 2.0 SCI Credits are required.

4100 Earth and Space Science

Grade: 9

1.0 Credit

Earth and Space Science is a class designed for the majority of incoming freshmen. This course is a survey of Geology, Meteorology, Astronomy and Hydrology. Lab work, reading, data analysis and writing is used in this class. Students are expected to make observations, take measurements, and draw conclusions.

4101 Earth and Space Science-Honors

Grades: 9-10

1.0 Credit

Honors Earth and Space Science is designed for students who are talented in mathematics and science, and who enjoy and have an interest in pursuing a scientific course of study. This course involves in-depth reading of scientific works, measurement, data analysis, inquiry labs, and the writing of science based papers. Students are expected to be able to make predictions from their observations, test these predictions, collect data using measurement from tests and draw conclusions from their work. This class has a science literacy and field component. ***Prerequisite(s): Signature of current Science teacher is required on registration form. "B" or better in Math, Science, and English is recommended.***

****Grade 9 ONLY: Concurrent enrollment in Geometry or Mathematics 1-Honors (or higher) AND application and selection are required.***

4201 Biology 1-Honors

Grades: 9-10

1.0 Credit

Honors Biology 1 is a survey course in the Life Sciences designed to challenge the advanced sophomore-level student. This rigorous course requires a high level of commitment and effort from the honors student. It is more in-depth and faster paced than the regular biology course, with a greater emphasis on critical thinking and independent learning. Successful completion of this class will better prepare students for other advanced level courses. ***Prerequisite(s): Signature of current Science teacher is required on registration form. "B" or better in Math, Science, and English is recommended.***

****Grade 9 ONLY: Concurrent enrollment in Geometry or Mathematics 1-Honors (or higher) AND application and selection are required.***

4400 Physics

Grades: 9-12

1.0 Credit

"Inquiry Physics" Physics provides an opportunity for students to continue their survey of the fundamental science disciplines offered at the high school level. Physics is a college preparatory introductory level survey course recommended for those students with an interest in science that have demonstrated a high ability in mathematics and previous science classes. Through inquiry activities, laboratory experiences, discussion, movies and lecture students will explore the relationships of waves, sound, light, color, matter, kinematics of motion and energy with an emphasis on increasing student understanding of graphing, diagraming and fundamental problem-solving skills. Topics of study will include waves, sound, light, lenses, mirrors, motion, kinematics, forces, momentum, friction, energy, modern physics theory of the universe, and planetary motion. ***Prerequisite(s): Algebra II (or higher)/Concurrent Enrollment. *Grade 9 ONLY: Concurrent enrollment in Mathematics 2-Honors is required AND application and selection are required.***

World Languages

¿Habla Ud. Español? Parlez-vous français? Sprechen Sie Deutsch? Nonne intelligitis Latinam linguam?

Spanish, French, Latin, and German are the languages you can study at Capital High. Spanish is offered in a five-year sequence (grades 8-12). Currently, first year Spanish is offered in 8th grade. French and German are a four-year sequence. Latin is offered in a three-year sequence. You can begin any of the four languages at any grade in high school. The general recommendation is to take as many years as possible of the same language and even add another language if possible!

Students often ask why studying another language is important

- In most countries learning another language is expected and required as part of the general education of all students.
- Some colleges and universities require 2, 3, or even 4 years of a world language for entrance. Still others require a world language for graduation. Check with individual schools for the requirements.
- After a period of time, you will be able to communicate with people in their own language.
- You can use the thinking, memorizing, and organizing skills you have acquired to help you in other classes.
- You will learn more about your own language-grammar and vocabulary.
- Research shows that students who have studied a world language do better on standardized tests (like the SAT) than students who have no language training.

| Language | The prerequisite for taking the next level of a language is a passing grade in the previous level | | | | |
|----------|---|-----------|-----------|-----------|--------------|
| Latin | Latin 1 | Latin 2 | Latin 3 | | |
| French | French 1 | French 2 | French 3 | French 4 | |
| Spanish | Spanish 1 | Spanish 2 | Spanish 3 | Spanish 4 | Spanish 5 AP |
| German | German 1 | German 2 | German 3 | German 4 | |

World Languages

5110 Latin 1

Grades: 9-12

1.0 Credit

Latin 1 is the first year of a two-year curriculum in which the students learn Latin as they follow a typical Roman family living in 80 A.D. As they study family life in the vast Empire of Rome, students will learn how to translate Latin and also about Roman culture and mythology. This class includes instruction in basic grammar, idiomatic expressions, proper intonation and accentuation, and how Latin is the foundation for other languages including English.

5210 French 1

Grades: 9-12

1.0 Credit

French 1 is the beginning course of a four year program. Students begin to develop the four basic language skills (listening, speaking, reading, and writing) and to learn specific techniques to facilitate acquisition of a second language. Emphasis is on acquiring such basic learning skills as following directions, listening actively, participating in drills, memorizing and retaining vocabulary. Spending out-of-class time each day orally studying French is highly encouraged. French 1 also introduces students to the culture, geography, and history of France. Students assume responsibility for their own learning through independent study and self-tests.

5310 Spanish 1

Grades: 9-12

1.0 Credit

Spanish 1 is the beginning course of a five year program. Students build a foundational vocabulary base that enables them to begin communicating in Spanish. Vocabulary and fundamental language skills are practiced through activities such as worksheets, presentations, conversations, interviews, discussions, stories, and films. Spanish 1 also introduces the students to elements of Hispanic culture, geography, and history. Students are expected to actively participate in the classroom as well as invest study time outside of class. Upon successful completion of Spanish 1, students should plan to continue with higher-level Spanish courses to gain fluency in the language.

5320 Spanish 2

Grades: 9-12

1.0 Credit

In Spanish 2, the students continue to build communication skills in listening, speaking, reading and writing. They increase their understanding of Hispanic culture, geography and history. They will learn additional grammar and vocabulary by reading novels, short stories, and articles written by Hispanic authors that have been adapted for students at this level. Other class activities include viewing authentic Hispanic films, making presentations and participating in class discussions. A solid background in Spanish 1 is required, and students need to be able to follow directions and organize material. Those who finish the course successfully qualify for Spanish 3. ***Prerequisite(s): Spanish 1. Students who take Spanish 1 in 8th grade are required to get their teacher's signature to register for Spanish 2.***

5410 German 1

Grades: 9-12

1.0 Credit

German 1 coursework lays the foundation of German language learning including the alphabet, numbers, the case system, and gender of nouns. Topics include introductions, schools and universities, sports and free time activities, family, food and eating out. During the first year students will become familiar with the present and future tenses. At all times there will be an emphasis on the 5 Cs of language instruction: communication, culture, connections, comparisons and communities. Reading, listening, writing and speaking activities provide a comprehensive learning experience. Cultural projects, German films and audio communications complement instruction.

Fine Arts

A minimum of 1.0 FA credit is required.

| | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|--------------------|---|--|--|--|
| Studio Arts | Art 1 Visual Arts Design 1 Unified Art | Art 1,2 Visual Arts Design 1,2 Unified Art | Art 1,2, 3 Visual Arts Design 1,2, 3 Unified Art Ceramics 1 | Art 1,2, 3, 4 Visual Arts Design 1,2, 3 Unified Art Ceramics 1, 2 |
| Photography | Photography 1 Film Photography | Photography 1, 2 Film Photography | Photography 1, 2, 3 Film Photography | Photography 1, 2, 3 Film Photography |
| Band | Freshman Band Jazz Band | Concert Band Jazz Band Jazz Ensemble | Concert Band Jazz Band Jazz Ensemble Symphonic Winds | Concert Band Jazz Band Jazz Ensemble Symphonic Winds |
| Orchestra | Beginning Orchestra Intermediate Orchestra | Intermediate Orchestra Advanced Orchestra | Intermediate Orchestra Advanced Orchestra | Intermediate Orchestra Advanced Orchestra |
| Choir | Treble Choir Tenor-Bass Choir | Treble Choir Tenor-Bass Choir Jubiletttes Saturday's Children Jazz Choir | Treble Choir Tenor-Bass Choir Jubiletttes Saturday's Children Jazz Choir | Treble Choir Tenor-Bass Choir Jubiletttes Saturday's Children Jazz Choir |
| Other Music | Modern Band | Modern Band | Modern Band Music Theory Career Prep | Modern Band Music Theory Career Prep |
| Drama | Theater 1 | Theater 1,2 | Theater 1,2,3 | Theater 1,2,3 |

6110 Art 1 **Grades: 9-12** **1.0 Credit**

The Art 1 class is an entry-level full year basic art class designed to expose students to the world of art as well as build confidence and problem-solving skills. Emphasis is placed on Art Production, Art History, and the Elements and Principles of Design. Art I provides an opportunity for students to develop and increase their skills in understanding and creating art. Students will learn about subject matter, media, art history, art methods and techniques. Students will explore drawing, graphic design, computer art, painting, printmaking, sculpture and mixed media. *Art supplies are required and will be covered by class fee. Class fee \$20.00*

6150 Visual Arts Design 1 **Grades: 9-12** **1.0 Credit**

This is an entry-level course designed to introduce students to the world of design and 3-dimensional art. This “Hands On” art class offers a variety of additive and subtractive concepts exploring the elements and principles of design. Emphasis is put on ideas, design, and execution of individual pieces as well as exploration of materials. Students will learn about media, subject matter, art history, and 3-dimensional artists. Students will work with found objects, repurposed materials, plaster, and other mediums to create work that reflects their knowledge of the course objects as well as the expression of their ideas. *Class fee \$20 and certain supplies wanted by students will need to be provided.*

6154 Unified Art **Grades: 9-12** **1.0 Credit**

This is an entry level course designed to introduce students to the world of art and design in an adapted fashion. This class will utilize adapted materials to create Unified Art for all. Unified Art will engage all students with and without disabilities increasing socialization as well as teamwork in creating fine pieces of art. This class provides a unique opportunity for all students at Capital to receive an equal Art Education, as well as for students to receive experience working with others that could be utilized for future careers.

Fine Arts

A minimum of 1.0 FA credit is required.

6250 Photography 1

Grades: 9-12

1.0 Credit

Photo 1 is designed with hands-on lessons providing the real tricks of the trade to capture perfectly exposed & memorable images. Students will learn how to compose photographs, capture movement, produce engaging portraits, and work in the photo studio using classroom cameras, your own nice camera, or smartphones. You'll also learn artistic elements, color theory, & how to work in manual mode on a camera. We will discuss the importance of photography over time, in every culture, and the role it plays in everyday life. Street photography, photojournalism, travel and adventure photography will be a focus along with opportunities to travel and capture such images. You will learn more about editing your images. Students will top off their experience by preparing their work for contests, art shows, & for making gifts. Whether at school, in your home, or on vacation you'll learn how to take pictures like a pro.

6271 Film Photography

Grades: 9-12

1.0 Credit

This course will introduce students to the awesome world of FILM photography— also known as darkroom, vintage, or analog photography. Shooting film is an incredible experience and becoming very popular. Developing your own film, making negatives, producing prints, and seeing how they turn out is so exciting! Plus, a lot of photography concepts become clearer as you learn more about film. Shoot your first roll of film, learn to digitize your images, and have a blast experimenting with a variety of fun vintage cameras- including Polaroid, 35 mm, & pinhole cameras. You will learn the science & art of photography along with the differences & similarities between film & digital. This class is perfect for beginners who want to take amazing photos AND those looking to expand their photo knowledge. It's a perfect class for artists who enjoy multimedia projects. Cameras are provided. No prerequisites & no fees. Plus, you can take Photo 1, 2, or 3 along with this Film Photo class in the same year.

6300 Freshman Band

Grade: 9

1.0 Credit

This 9th grade ensemble is the introduction to the Capital High School band program. Instruction will focus upon the development of instrumental technique, the establishment of correct practice habits and routines, and the cultivation of ensemble skills. Students will study and perform music which reinforces their on-going musical development and challenges them to advance their skills as they prepare for the more advanced ensembles. In addition to regularly required school performances, this band will also perform at the District Band Festival and other Band Festivals as scheduled. **Prerequisite(s):** *At least one year of previous successful band experience or audition with director.*

6330 Modern Band

Grades: 9-12

1.0 Credit

THIS IS NOT A TRADITIONAL BAND CLASS. Do you want to be a Rockstar? Have you ever wanted to learn to play electric guitar, electric bass, drums, keyboard, sing, ukulele, banjo, compose music, write songs, become a rapper, learn about music technology, or how to put a band together??? Then Modern Band is the class for you!!! Everyone is welcome and encouraged to join. Students will put together a band(s), arrange music of all styles, write and perform their own music, and tour/play performances in and around Helena and Montana...No Experience Necessary!!! All that is needed is a positive attitude and a willingness to learn and act within a team environment. The only prerequisite for this course is that you may not quit band, orchestra, or choir to join. If you are currently a member of the CHS Band, Orchestra, or Choir you must use an extra elective to join.

6370 Jazz Band

Grades: 9-12

1.0 Credit

This introductory-level jazz band is intended to provide experience to those interested in exploring the jazz medium. The band is open to all; however, there are some exceptions due to the instrumentation restrictions of the standard jazz literature. Auditions may be required to successfully establish the correct instrumentation. Instruction will focus upon the development of instrumental technique, and the exploration of a variety of jazz styles and idioms. The art of jazz improvisation will be introduced through the study of jazz theory and hands-on practice and performance. In addition to required school concerts, this jazz ensemble may be invited to perform outside of school on numerous occasions. Performances may include festivals, fundraising benefits, and community events. **Prerequisite(s):** *Students must be concurrently enrolled in one of the other bands in the department. Depending upon instrument, concurrent enrollment in an orchestra or chorus may also be accepted. Auditions may be necessary in order to establish correct instrumentation.*

Fine Arts

A minimum of 1.0 FA credit is required.

6371 Jazz Ensemble

Grades: 10-12

1.0 Credit

This is the premier jazz ensemble at Capital High School. Entrance into this group is by audition only. Students will enhance and further develop their individual instrumental technique while refining their advanced ensemble skills. Creative improvisation in a variety of styles will be focused upon through the study of jazz theory and hands-on practice and performance. It is highly recommended that those interested participate in Jazz Band for one year to establish a foundation in jazz styles and harmony. In addition to required school concerts, this jazz ensemble will be required to perform outside of school on numerous occasions. Performances may include festivals, fundraising benefits, and community events. ***Prerequisite(s): Students must be concurrently enrolled in one of the other bands in the department. Depending upon instrument, concurrent enrollment in an orchestra or chorus may also be accepted. Admission is through audition with the director.***

6411 Beginning String Orchestra

Grades: 9

1.0 Credit

The Capital High Beginning (Freshman) String Orchestra is open to all incoming Freshman regardless of previous orchestral experience. If you do not have previous experience, but want to learn a string instrument, this is the class for you! Beginning Orchestra will focus on making sure all students have a solid foundation for continuing in high school orchestra. Students are expected to practice weekly, and to come to class prepared to play every day. All students must have their own instrument for this class. If a student does not or is not able to own/rent an instrument, they must contact the Director to make arrangements for a school instrument.

6410 Intermediate String Orchestra

Grades: 9-12

1.0 Credit

The Capital High Intermediate String Orchestra is open to all Sophomores - Seniors with previous orchestral experience, as well as Auditioned Freshman. All students must have their own instrument for this class. If a student does not or is not able to own/rent an instrument, they must contact Mr. Harris to make arrangements for a school instrument. ***Prerequisite(s): Freshmen: Audition and selection, Director's signature; Sophomore-Senior: Previous orchestra experience and/or a meeting with the director.***

6510 Treble Choir

Grades: 9-12

1.0 Credit

This class is an opportunity for anyone who sings in the treble range. No student will be refused admittance. Students will study vocal singing technique, music theory, music notation sight-reading, and music appreciation through class participation, performances, and district music festival. ***Prior choir experience is helpful, but not necessary. No audition is required.***

6511 Tenor-Bass Choir

Grades: 9-12

1.0 Credit

This class is an opportunity for anyone who sings in the tenor-bass range. No student will be refused admittance. Students will study vocal singing technique, music theory, music notation sight-reading, and music appreciation through class participation, performances, and district music festival. ***Prior choir experience is helpful, but not necessary. No audition is required.***

6700 Theater 1

Grades: 9-12

1.0 Credit

This is an introductory course to theatre and all its wonders. No experience? No problem! You'll be introduced to the basic elements of the theatre itself as well as the foundational tools to begin acting like a pro! You will be expected to memorize monologues, design and perform with puppets, act in scenes with your peers and more. Some film history is also included in this course.

Career & Technical Education: Business Education

A minimum of 1.0 VOC/CTE credit is required.

BUSINESS/MARKETING/TECHNOLOGY EDUCATION

The ability to use computers to perform everyday tasks is one of the most important skills for the 21st Century. Business-related skills and interpersonal skills permeate every aspect of our lives, regardless of our chosen career field. These skills will also carry over into all other high school curriculum.

In today's technological world, business skills give the extra edge when competing for jobs whether in Montana, the United States, or the world. The Business program at Capital High School helps to prepare students by placing emphasis on the development of each student's ability and potential. Work ethics are expected and learned through everyday class procedures. It is our goal to provide students with rigorous, relevant courses that will better prepare them for the real-world.

BUSINESS/MARKETING/TECHNOLOGY EDUCATION COURSE OFFERINGS

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|----------------------------|--|--|--|
| Basic Computer Skills | Basic Computer Skills | Basic Computer Skills | Basic Computer Skills |
| Technology Skills for Life | Technology Skills for Life | Technology Skills for Life | Technology Skills for Life |
| Career Planning | Finance | Finance | Finance |
| Yearbook | Career Planning | Career Planning | Career Planning |
| Robotics | Basic Elements of Graphic Design (Photoshop) | Basic Elements of Graphic Design (Photoshop) | Basic Elements of Graphic Design (Photoshop) |
| Marketing Ed 1 | Graphic Design II | Graphic Design II | Graphic Design II |
| | Microsoft Office WORD* | Law & Justice | Law & Justice |
| | Microsoft Office EXCEL* | Microsoft Office WORD* | Microsoft Office WORD* |
| | Accounting 1 | Microsoft Office EXCEL* | Microsoft Office EXCEL* |
| | Yearbook | Accounting 1 | Accounting 1 |
| | Yearbook 2 | Yearbook | Yearbook |
| | Computer Science | Yearbook 2 | Yearbook 2 |
| | AP Computer Science Principles | Computer Science | Computer Science |
| | Video Broadcasting | Computer Science 2 | Computer Science 2 |
| | Robotics | AP Computer Science Principles | AP Computer Science Principles |
| | Marketing Ed 1 | AP Computer Science A | AP Computer Science A |
| | Small Business Management | Video Broadcasting | Video Broadcasting |
| | Sports & Enter. Marketing | Video Broadcasting 2 | Video Broadcasting 2 |
| | Business Co-Op** | Robotics | Robotics |
| | | Marketing Ed 1 | Marketing Ed 1 |
| | | Small Business Management | Small Business Management |
| | | Sports & Enter. Marketing | Sports & Enter. Marketing |
| | | Marketing Management | Marketing Management |
| | | Business Co-Op** | Business Co-Op** |

* This course is available for dual credit through Helena College.

**Must be concurrently enrolled in another Business or Marketing class to take this course.

Business Professionals of America (BPA)

This organization prepares students for the business workforce through advancement of leadership, citizenship, academic, and technological skills.

Distributive Education Clubs of American (DECA)

Marketing Education related activity open to all students enrolled in the Marketing classes.

Career & Technical Education: Business Education

A minimum of 1.0 VOC/CTE credit is required.

7301 Basic Computer Skills

Grades: 9-12

.5 Credit

This class is designed for the student who desires to improve their overall keyboarding skills. This semester class will focus on learning the alphabetic and numeric keyboard and symbols by touch using proper technique, as well as use Microsoft Word to create, write, and format personal documents such as memos letters, reports, and tables. Grades are based on the quality of daily class work and projects, speed and accuracy, practice, tests, and work habits.

7304 Technology Skills for Life

Grades: 9-12

.5 Credit

Students will enhance their skills in business applications through the use of digital technology. This semester length course will focus on document processing, spreadsheets, and presentations using Microsoft Office Word, Excel, and PowerPoint. Improving keyboarding speed and accuracy will also be a focus of this course. Students will demonstrate the ability to use the Microsoft Office suite of applications and gain exposure to various applications of technology in the business world. **Recommended Prerequisite: Basic Computer Skills is recommended first if student's keyboarding skills are less than 25 words per minute.**

7331 Career Planning

Grades: 9-11

.5 Credit

Do you know what you'll do with the rest of your life? Do you wonder if you will be successful in the career you think you want as an adult? Better yet, do you wish you even had a clue about what career you would enjoy? Have you started to think about what happens after high school? How much money does it take to live anyway? If you are interested in figuring out what you want out of life and becoming confident that you will be able to make that happen for yourself, sign up for Career Planning! YOU are the topic of study! Discover what aspects of your life should be looked at when choosing a career. This class is appropriate for all students whether college bound or not. You'll end the semester better equipped to make your life a success.

7309 Robotics

Grades: 9-12

1.0 Credit

Introduction to Robotics will offer students the opportunity to design, build and program a variety of robots using materials and programming languages, as they apply the fundamentals of science, math, and technology. The course will introduce the engineering process while constructing robots. This course does not replace the traditional math and science courses needed to pursue a degree in engineering. It supplements the experience so students will appreciate the connection between robotics and engineering. Students will apply core concepts of traditional sciences. Students will learn to use two different programming languages and should have a high interest in robotics. **Prerequisites: Algebra I (B or higher is recommended) and keyboarding skills.**

7402 Yearbook

Grades: 9-12

1.0 Credit

The Capital Dome staff publishes the school yearbook. Members choose a theme, design the cover, lay out pages and prepare copy via desktop publishing, take and crop photos, and sell the annuals and ads. Members will spend considerable time outside class as necessary – including weekends and summer camp. Strong writing skills are required, and interest in journalism, art, business, and computers is encouraged. This elective course focuses on making and completing yearbook layouts. Any student wanting to be in Yearbook 2 must be enrolled in this course. **Eligible for VOC credit, with counselor approval. Prerequisite(s): Application and selection required.**

7400 Marketing Ed. 1

Grades: 9-12

1.0 Credit

Marketing is intended for those who want to learn marketing operations and develop basic employment skills. If you want to continue your education in business administration, management, marketing, advertising, and public relations or simply choose to enter the business world, give this course serious thought, you will receive experience in business communications, sports and entertainment marketing, product development, advertising-including television & radio production and newspaper layout and design, sales, customer service and shoplifting and security issues. This class allows for opportunities in DECA which plans and implements Night to Shine and options to compete Vocational or elective credit can be applied into this class.

Career & Technical Education: Culinary

A minimum of 1.0 VOC/CTE credit is required.

7535 Culinary Arts 1-2

Grades: 9-12

1.0 Credit

This is a year-long course that provides students with a basic knowledge and application of food preparation skills within a lab setting. Students will gain an understanding of: food safety and sanitation, healthy food selection and preparation skills, and consumer skills that will allow for more informed decisions. The nutritional component looks at nutrition as it relates to good health and the concept of eating “whole” foods vs. convenience foods. The second part of the class focuses on more advanced cooking skills, provides an opportunity for creativity, and explore careers that relate to the Culinary/Hospitality Industry.

Fees: \$45.

Career & Technical Education: Biomedical Sciences

A minimum of 1.0 VOC/CTE credit is required.

BIOMEDICAL SCIENCES OPTIONS

PROJECT LEAD THE WAY® BIOMEDICAL SCIENCES Project Lead The Way® Biomedical Sciences is a high school program designed for students interested in Health Science careers. The program is divided into four sections, each section building upon the previous. This dynamic program uses hands-on, real-world problems to engage and challenge students. Students interested in math, science, and the human body will find the PLTW Biomedical Sciences program a great introduction to the numerous medical fields. It will also teach them how the skills they learn are used in the biomedical sciences. The Biomedical Sciences program is integrated into the high school curriculum. It is designed to augment the high school science and math college preparatory programs to establish a solid background in biomedical science. Courses count for either Career and Technical Education or general elective credit however they DO NOT replace any college preparatory science classes.

7610 Principles of Biomedical Sciences

(BioMed 1)

Grades: 9-11

1.0 Credit

DUAL CREDIT University of Montana: AHMS 144, Medical Terminology (350+ on PTLW Exam)

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing, and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

Specialized Courses

8261 Native American Tutoring

Grades: 9-12

0 Credit

Native American Tutoring is an ungraded course that is dedicated to help Native American students achieve academic success by giving them an extra class period of quiet continuous study time to complete work from other classes. This course is staffed by an academic tutor who works with students on homework, organization, and communication between home and school. **Prerequisite(s): Students must have a current Title VII Student Eligibility Certification Form (506 Form) on file, available from your school counselor or Indian Education Tutor.**

8510 Study Hall-S1

Grades: 9-12

0 Credit

8512 Study Hall-S2

Grades: 9-12

0 Credit

Study Hall is an ungraded course that is dedicated to help students achieve academic success by giving them an extra class period of quiet continuous study time to complete work from other classes.

Physical Education and Health

A minimum of 1.5 HP and .5 HE are required.

| Physical Education and Health Course Offerings | | | |
|--|---------------------------------|---------------------------------|---------------------------------|
| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
| Required (pick one) | All students take both | No PE Requirements | No PE Requirements |
| Freshman Physical Education | Health | | |
| Freshman Weight Training | Sophomore Physical Education | PE Electives | PE Electives |
| | PE Electives | Personal Wellness | Personal Wellness |
| | Personal Wellness | Physical Conditioning (Weights) | Physical Conditioning (Weights) |
| | Physical Conditioning (Weights) | Unified PE | Unified PE |
| | | Lifetime Sports | Lifetime Sports |

Hygiene-For all Physical Education classes changing into and out of physical education attire is a requirement.

Safety - Students will need to wear a pair of athletic shoes each day.

School Issued Equipment - All students will be assigned a school issued lock and locker for use each day. It is the responsibility of the student to turn in the lock at the end of the semester/school year.

9100 Frosh Physical Education **Grade: 9** **1.0 Credit**

This course offers a variety of skill-based activities to promote an environment where all ability levels can have fun and be successful. Freshman PE focuses on group participation in enjoyable activities that promote athletic skill development, and the knowledge of activities a student can participate in throughout their lifetime. Students will engage in games like basketball, volleyball and flag football, as well as individual activities like cross country skiing, bicycle safety and skills, circuit training and yoga. The focus will be on achieving and maintaining physical fitness, while learning about the value of physical activity for health and wellness, helping students develop a positive self-image.

9343 Freshman Weight Training **Grade: 9** **1.0 Credit**

A physically demanding class where students will gain a comprehensive understanding of weight training and its place in the world of fitness. Some topics that will be covered include, but are not limited to power lifting, body building, functional fitness, circuit training, flexibility, mobility, speed training, and goal setting.

Counseling Department

| Counselor | Email | Phone | Last Names |
|----------------------|-----------------------------|----------|------------|
| Mr. Jeramie Robinson | jrobinson@helenaschools.org | 324-2493 | A-D |
| Mrs. Dana Meldrum | dmeldrum@helenaschools.org | 324-2491 | E-K |
| Ms. Bethany Lindner | Blindner1@helenaschools.org | 324-2492 | L-Ri |
| Ms. Corissa Hamper | champer@helenaschools.org | 324-2490 | Ro-Z |

CHS School Counselors are available to assist students with course selections, schedule changes, transcripts, scholarships, awards, and college admissions requirements. Counselors will present registration information to all CHS students during the registration process. Please feel free to call or e-mail your student's counselor with questions or concerns.

CHS College & Career Center

Career Center Coordinator: Ms. Aspen Hernden 324-2483

Website: <https://chs.helenaschools.org/about/counseling-career-center/>

The Career Center is open daily, 8 am-3:30 pm

The Career Center offers a resource library with information about careers, colleges, vocational education, military services, apprenticeship programs, ACT and SAT applications and preparation materials, financial aid information, **scholarship listings and resources**, job opportunities and more. The Career Center has many resources available on the CHS website.

The Career Center Coordinator provides guidance in career and college planning and exploration, arranges college and military visits, coordinates lunch workshops, manages resource materials, and advises students, parents, and faculty.



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Montana High School Association



The purpose of the Montana High School Association is to ensure that interscholastic activities in Montana are administered fairly. Policies pertaining to scholastic standing, transfer, awards and other regulations can be found at: www.mhsa.org.

Montana University System (MUS)

FOUR-YEAR CAMPUSES

A traditional student is defined as one who enters college within three years of high school graduation or within three years from the date when they would have graduated college.

Admissions Checklist for current High School Students

In order to receive full admission to a four-year university in the MUS, entering traditional students are required to meet the following standards:

Achieve one of the following:

1. Earn at least a 2.5 high school GPA; or
2. Rank in the top half of the school's graduating class; or
3. Earn a minimum composite score of 22 for the ACT or 1120 for the SAT (exception: MSU-Northern requires ACT score of 20, SAT score of 1050).

AND

Complete the Rigorous Core College Preparatory Program: English (4 years), mathematics (4 years), lab science (3 years), social studies (3 years), college prep electives (3 years), which include world language, computer science, visual and performing arts, and career/technical education units that meet the office of public instruction guidelines. The Rigorous Core is an advanced alternative to the Minimum Core for math proficiency standards.

High school students who successfully complete the Rigorous Core are eligible for the MUS Honor Scholarship

Information from www.mus.edu.

TWO-YEAR CAMPUSES & PROGRAMS

Two-year campuses in the MUS abide by a non-competitive open enrollment policy that does not require applicants meet the Regents' four-year admissions criteria. The only requirement is that applicants must have obtained a high school degree or successfully completed an official high school equivalence completion assessment designated by the Board of Public Education (formerly the GED and currently the HiSET*). Students who have not yet demonstrated the ability to meet the mathematics or writing proficiency standards may be admitted without condition to a two-year college; however, certain programs within the college, such as Nursing, may have higher admission standards.

NCAA & NAIA Clearinghouses



If you wish to participate in NCAA Division I or II athletics, you need to be certified by the NCAA Eligibility Center. You will need to qualify academically and you will also need to be cleared as an amateur student-athlete. Please access the NCAA website for more information: www.eligibilitycenter.org



If you wish to participate in an NAIA member institution, you will need to be certified by the NAIA Eligibility Center to qualify academically and be cleared as an eligible student-athlete for competition. Access the NAIA website for more information: www.PlayNAIA.org

Planning Your Graduation

| Graduation Requirements | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|--|---------|----------|----------|----------|
| ENG: 4.0 Credits | | | | |
| SST, USH & AMG: 3.0 Credits | | | | |
| MTH: 3.0 Credits | | | | |
| SCI: 2.0 Credits | | | | |
| FA: 1.0 Credits | | | | |
| VOC: 1.0 Credit | | | | |
| HP: 1.5 Credits HE: 0.5 Credits | | | | |
| ELECTIVES: 7.0 Credits <i>These include Foreign Language courses, department electives, and any other courses you elect to take beyond the minimum requirement.</i> | | | | |
| *CREDIT REQUIREMENT: 23.0 | | | | |

***This is the credit minimum for earning your diploma at CHS. Please pay extra attention to specific requirements for BEAR, HEF, MUS Rigorous Core, Etc.**