

Grand Junction High School

Mesa County Valley School District #51

EDUCATIONAL PLANNING GUIDE

2022 - 2023

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TABLE OF CONTENTS

	<u>Page</u>
Introduction	3
Part I. Graduation Requirements- One Diploma- Multiple Pathways to Achieve It.....	3
Graduation Requirements – Required Assessments.....	4
ICAP Umbrellas.....	4
Chart - One Diploma – Multiple Pathways to Achieve It.....	5
Chart – D51 High School Graduation Requirements.....	5
D51 Testing Proficiency Menu of Options	7
Individual Career and Academic Plan (ICAP).....	8
Admissions Requirements for Colorado Colleges.....	8
National Collegiate Athletic Association (NCAA) Eligibility.....	9
Early Graduation/Early Completion.....	9
Part II. Programs of Study	
Educational Vision and Instructional Model.....	10
Secondary Education Opportunities	10
Early Scholars Program – Concurrent Enrollment, H.S. Scholars and ASCENT.....	11
Alternative/Off-Campus Programs and Post-Secondary Education.....	12
Part III. General Information	
Full-Time Student Status and How Many Classes Should I Take?	13
Release Policy.....	13
Transfer and Late Enrollment Policy.....	14
Schedule Changes/Class Add-Drop Policy.....	14
Grading System and Weighted Grade Policies.....	15
Calculating Grade Point Average (GPA).....	15
Grade Improvement/Replacement Policy.....	15
Middle School Credit Policy.....	16
Physical Education Waiver Policy.....	16
FRESHMAN SEMINAR & Advisory.....	17
Miscellaneous Credit Information	17
Grade Level Designations & Athletic/Co-Curricular Activities Eligibility Policy..	
Academic Recognition Programs.....	17
Part V. Course Descriptions	18
Credit Worksheet.....	19
Business and Information Technology (IT) Education.....	20
English as a Second Language.....	25
Family and Consumer Science.....	26
Language Arts.....	28
Mathematics.....	36
Performing Arts.....	41
Physical Education.....	45
Science.....	47
Social Studies.....	51
Technology Education.....	58
Visual Arts.....	62
World Language.....	65
Special Course Work.....	70
Student Assistantships.....	72
WCCC.....	73
Career Center.....	75

INTRODUCTION

This Educational Planning Guide (EPG) is designed to help students, parents, teachers, counselors, and administrators plan the best possible program of study to assist students in accomplishing educational goals and career aspirations. When planning a program of study, students should consider the following:

- Individual Career and Academic Plan (ICAP)
- Ability and work ethic
- District 51 graduation requirements
- Desired courses and the level of difficulty of each course
- Co-curricular and out-of-school activities
- CCHE Higher Education Admission Requirements (HEAR)
- National Collegiate Athletic Association (NCAA) requirements

Please feel free to consult with the faculty, school counselors, or administrators who are available to help you with any concerns you have regarding your educational program choices or scheduling. The school's number is 254-6900.

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PART I: GRADUATION REQUIREMENTS

ONE DIPLOMA – MULTIPLE PATHWAYS TO ACHIEVE IT

The **Conventional Pathway** to graduation and a diploma requires students to complete 25 standards-based credits with a 2.0 or higher Grade Point Average (GPA) AND demonstrate testing proficiency based on the district's menu of testing options.

The **Pathway of Distinction** for a diploma, our most rigorous program of study, requires students to complete 25 standards-based credits with a 3.5 or higher grade point average (GPA) AND demonstrate an "advanced" level of testing proficiency based on the district's menu of testing options.

Students who either fall below the 2.0 GPA, who do not meet the proficiency level on testing, or who need an individualized study plan may follow the **Individualized Pathway** to receive a GJHS diploma.

The 25 required credits are different for some graduating classes. Students need to complete the requirements of the class they started with as freshman. No student may participate in the commencement exercises until all graduation requirements have been met. District 51 requires that all students attend high school for eight (8) semesters. Requests for an alternate graduation plan need to be made in writing to the principal at least one semester prior to the completion of high school.

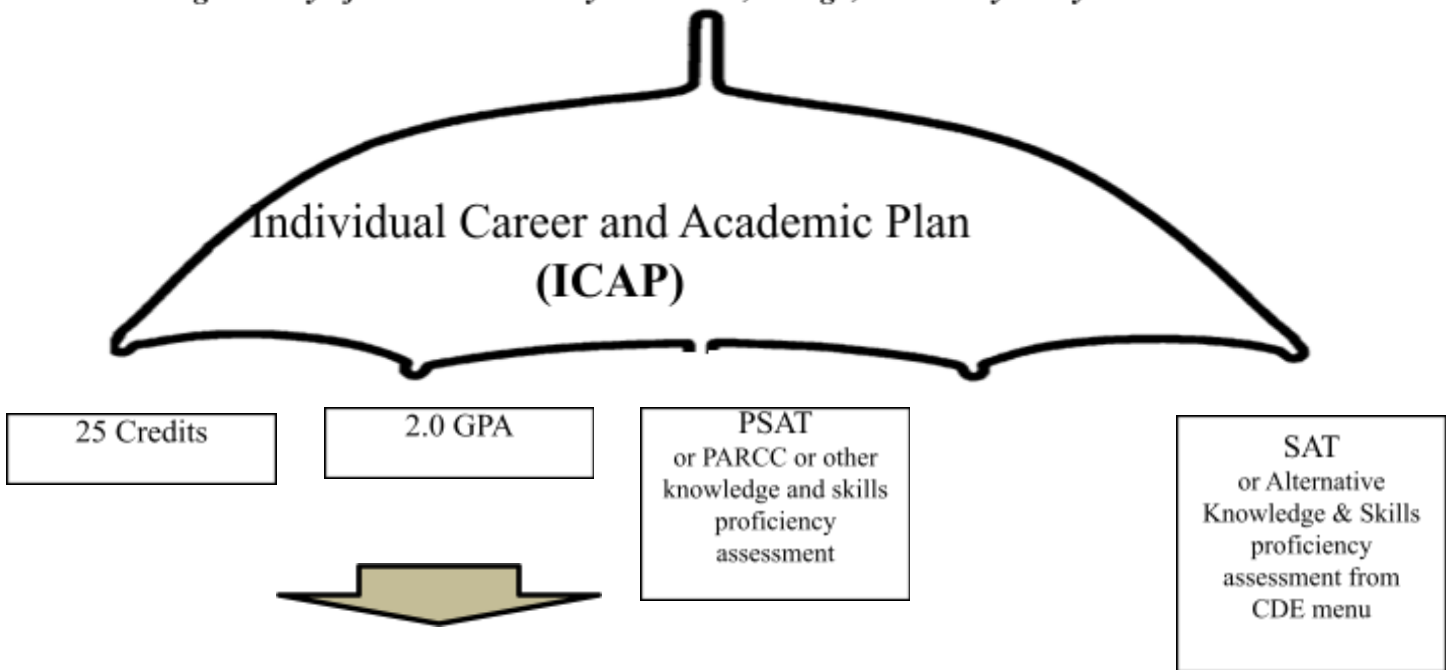
SAT

In accordance with Colorado School Law, section 22-7-409 all students enrolled in the ninth, tenth and eleventh grades in public schools shall be required to take one of the curriculum-based achievement college entrance exams. The Colorado Department of Education (CDE) shall pay all costs associated with administration of the test.



PERFORMANCE BASED POLICY

Mesa County Valley School District 51 believes that each student is unique and may have different learning needs. In response, the district has developed a system to support and monitor student progress along the way. The system provides a variety of options for students to learn, demonstrate what they know, and meet the graduation requirements. **Mesa County Valley School District 51 is committed to high expectations for all students. We expect each student to complete 25 standards-based credits with a 2.0 GPA or higher and demonstrate through a body of evidence that they are career, college, or military ready.**



Colorado high school graduates demonstrate the knowledge and skills (competencies) needed to succeed in postsecondary settings and to advance in career pathways as lifelong learners and contributing citizens. Students must meet English and math proficiencies in their pathway. See the Menu of College and Career Ready Demonstrations on page 4 for specific scores.

CAREER READY
WorkKeys
Industry Certificate
Capstone

COLLEGE READY
AP/IB Scores
Concurrent Grades
Capstone
ACT/SAT Scores

MILITARY READY
ASVAB
WorkKeys
Industry Certificate
Capstone

Graduation Pathways and Requirements can be designed to adapt to a student's specific learning needs while setting high expectations for achievement.

Conventional Pathway:

This pathway is the standard pathway to graduation. The student will:

- Complete 25 required standards-based credits*
-including 4 classes of intentional ICAP electives. **AND**
- Maintain a 2.0 GPA or higher, **AND**
- Meet the Colorado Graduation Guidelines in English and Math (*see page 4*).

Pathway of Distinction:

This pathway provides the highly motivated student opportunities for challenging coursework and additional recognition for their hard work. The student will:

- Complete 25 required standards-based credits* **AND**
- Maintain a 3.5 GPA or higher, **AND**
- Meet the Colorado Graduation Guidelines in English and Math (*see page 4*).
- Meet the Colorado HEAR requirements **AND**
- SAT score of 1110 or higher, or ACT score of 24 or higher
 - Demonstrate "advanced" performance on the NWEA Map Test, **OR**
 - Demonstrate a composite score of 22*** or above on ACT, **OR**
 - Complete an alternative proficiency assessment (APA) during the junior or senior year.

Individualized Pathway:

This pathway allows for adaptation and can be utilized for alternative program students:

- Students needing an individualized program of study as outlined by an individualized graduation plan.
- The student will complete 25 credits aligned with the standards or the equivalent. The 25 credits could include alternative proficiency assessment or extensions of the individualized pathway that allow the student to earn the equivalent of 25 standards-based credits. The Key Performance Program is an example of an individualized pathway.
- Students who have a GPA lower than 2.0.
 - The student will complete 25 required standards-based credits* **AND**
 - The student will participate in prescribed interventions in their targeted area(s) of deficiency **AND**
 - The student will work with appropriate staff to develop a graduation plan that supports student growth.

Districts have the authority to adapt the college and career demonstrations necessary to earn a standard high school diploma to accommodate for students with the following exceptions: English learners, gifted students and students with disabilities.

Local school boards establish high school graduation requirements that meet or exceed the Colorado Graduation Guidelines for the graduating class of 2020. **Local school boards and districts** select from this menu to create a list of options their students must use to show what they know or can do in order to graduate from high school, beginning with the graduating class of 2021. School districts may offer some or all of the state menu options, may raise a cut score on an included assessment and may add graduation requirements in other content areas. Graduation Guidelines begin with the implementation of: Individual Career and Academic Plans (ICAP), Colorado Academic Standards for all content areas, including a course in Civics, and 21st century skills. **Students** must demonstrate college or career readiness in English and math based on at least one measure. **MENU OF OPTIONS:** This menu lists the minimum scores required.

Menu of Options	English	Math
ACCUPLACER	200 Next Gen Writing	221
ACT	18 on ACT English	19 on ACT Math
ACT Compass	79	63
ACT WorkKeys - National Career Readiness Certificate	Bronze or higher	Bronze or higher
Advanced Placement (AP)	2	2
ASVAB	31	31
Concurrent Enrollment	Passing grade per district and higher education policy	Passing grade per district and higher education policy
District Capstone	Individualized	Individualized
Industry Certificate	Individualized	Individualized
International Baccalaureate (IB)	4	4
SAT	470	500
Collaboratively-developed, standards-based performance assessment	State-wide scoring criteria	State-wide scoring criteria

INDIVIDUAL CAREER AND ACADEMIC PLAN (ICAP)

“Every Student, Every Day, Learning for Life”

In 2009, the State of Colorado passed the School Finance Act which included rules that established standards for Individual Career and Academic Plans (ICAP) for students enrolled in public schools in the state. According to the Colorado State Board of Education “Rules Governing Standards for Individual Career and Academic Plans,” the intent of this program is ultimately to decrease dropout rates and increase graduation rates by assisting students in developing and maintaining a personalized postsecondary plan that ensures readiness for postsecondary and workforce success and aligns the student’s ICAP to requirements set forth in other Colorado legislature.

The Colorado State Board of Education defines an ICAP as “an individualized plan, developed by the student and the student’s parent or legal guardian, in collaboration with their school counselors, school administrators, school personnel, and/or Approved Postsecondary Service Providers that is used to establish personalized academic and career goals, explore postsecondary career and educational institutions, secure financial aid and ultimately enter the workforce.”

The Individual Career and Academic Plan will do the following:

- Document yearly career exploration and goals
- Track academic progress, including concurrent post-secondary studies
- Record the intentional sequencing of courses to meet post-secondary goals
- Include relevant assessment scores
- Record contextual learning and service learning
- Record college (and alternative) applications
- Record student’s progress securing financial aid
- Record other data reflecting postsecondary workforce readiness, including an understanding of the financial impact of post-secondary education

Many of these actions will be completed using the Naviance Succeed software program in the below listed academic courses. Some actions may also be completed in our Thursday Advisory Period.

Grade	Academic Class	Content	Naviance Tool
8	Core Class- November January/February	Explore results Pre-high school preparation	<ul style="list-style-type: none"> ● Create Account ● Strength Builder ● Cluster Finder ● Update Email
9	FRESHMAN SEMINAR First Semester	“Exploring Me” Graduation/college entrance requirements Set academic Goals	<ul style="list-style-type: none"> ● Set a Goal ● Scavenger Hunt ● Update Email
10	Career Exploration Days January	“Exploring Careers”	<ul style="list-style-type: none"> ● Update game plan survey ● Add career to favorites ● Add colleges to favorites ● Update Email
11	Composition Literature 11 October – Skinny March – 2 nd Sem Block	“Exploring the Post-Secondary World” Resume or College Essay	<ul style="list-style-type: none"> ● Compare Colleges Tool ● College Experience ● Add college to favorites ● Add careers to favorites ● Naviance Resume Builder ● Update Email

		Post-Secondary Research Presentation	
12	Senior Class Meetings October and January	“Get it Done” <ul style="list-style-type: none"> • Senior Seminar • Free Applications Week • FAFSA Seminar • Senior Workday 	<ul style="list-style-type: none"> • College Applications • Transcripts • Surveys

ADMISSIONS REQUIREMENTS FOR COLORADO COLLEGES

	For High School Graduation	Minimum for College Entrance
Language Arts	4	4
Math	3	4
Science	3	3 (2 units must be lab based)
Social Studies	3 (including Global Studies, US History and American Government)	3 (at least 1 unit of US or World History)
World Language	0	1-3

The HEAR requirements are just one piece of the college admission process, as colleges still require the ACT or SAT college entrance exams, and many colleges/universities have their own course requirements which may be above and beyond the guidelines as well. The Foreign/World Language requirement is a good example. The HEAR requires one (1) year of a foreign/world language while some colleges require two (2) or three (3) years. This is why it is so important for the student to check with the college admission offices.

Each college or university may offer admission to a small number of students who do not meet HEAR. Those students, while admitted, may be required to take and pay for additional classes.

We strongly suggest that students adhere to the HEAR guidelines and stay in contact with the Colorado colleges/universities regarding admission requirements!

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY

If you are a student-athlete and wish to participate in any sport during college, you must meet the NCAA's academic standards to practice, compete, and/or receive an athletic scholarship. These standards are different for Division I, Division II, and Division III schools.

Additional basic information can be found at eligibilitycenter.org

While making course selections, look for the NCAA APPROVED indication on the course descriptions. Get into contact with Chris Mack in the counseling department for more information.

EARLY GRADUATION/EARLY COMPLETION

Early Graduation

Some juniors may choose to complete their graduation requirements in three years and graduate one year early. Those students must submit a letter to the principal. Once the principal approves the letter of request, the junior will be included with the senior class in all senior class activities. However, for student accountability purposes, the student will officially remain a part of the junior class. As such, juniors approved to graduate early will still be required to take the SAT, administered by the school in the student's junior year.

Early Complete

Some seniors may choose to complete high school early, in October, December or March of their senior year. If they complete all of their graduation requirements early, they may write a letter of request to the principal for early completion. To be eligible for this option, seniors must have the following by the end of the term in which they seek to complete their requirements: 25 credits in the required areas, the required state standardized testing proficiencies, a 2.0 or higher grade point average (G.P.A.), and a zero balance due to the SBA office/secretary. Early completers . . .

- Can only be considered a graduate after the commencement ceremony in May, but they may be considered a completer for purposes of the military or post-secondary education at the end of the term when they officially complete all of their graduation requirements.
- Are not permitted on campus unless on official business.
- Are eligible to return for senior activities at the end of the year, including practices, the Senior Picnic, the Baccalaureate Service (the Sunday before the Commencement Ceremony) and the Commencement Ceremony.

Procedures for Early Graduation/Early Complete

Students interested in graduating or completing their graduation requirements early must do the following:

- See your counselor to discuss the decision to graduate or complete early.
- Submit a formal letter of Request for Early Graduation or Request for Early Complete to the principal in accordance with the timeline established by the Counseling Department. Letters are normally due the first week in September. The purpose of this letter is two-fold. It makes the student's request official, and it demonstrates the student's ability to write a formal business letter.

PART II: PROGRAMS OF STUDY EDUCATIONAL VISION

PROGRAM OPPORTUNITIES

Secondary Opportunities-Colleges and Universities

During the past four years, District 51 has greatly increased high school course offerings that provide our students with the opportunity to begin their College Pathway while still enrolled within District 51. These opportunities include the following:

- **Advanced Placement (AP)** Program offered at all District 51 high schools;
- **Concurrent** Program offered at all District 51 high schools through Colorado Mesa University/WCCC required through the Post-Secondary Enrollment Options (PSEO). Note House Bill (HB) 1319 replaced PSEO in 2011-2012;
- **High School Scholars** Program provides students college credit while remaining on their high school campus; and
- **Accelerating Students through Concurrent Enrollment (ASCENT)** Program offered through all District 51 high schools allows students to remain enrolled as high school students for a year after completing all graduation requirements while taking full-time classes at Colorado Mesa University.

With the history of the programs described above, District 51 has made a financial commitment to meeting the needs of our students pursuing their post-secondary options while enrolled in high school. Additional budget challenges continue with expected decreases in State Funding, increase in college tuition rates, and decrease in the College Opportunity Funds (COF) that help off-set District 51 expenditures for the Early Scholars Program (Concurrent, ASCENT, and HS Scholars).

With economic challenges across the district and state, District 51 must examine how resources and revenues are utilized to support these opportunities. On-campus programs offered within our district high schools include IB, AP, and HS Scholars. These programs allow the district to utilize revenue to support our students on their home high school campus while working toward their post-secondary options. Off-campus programs, Concurrent (required through HB 1319) and ASCENT, send students away from their home high school campus, thus requiring funding to support resources external to the district.

Advanced Placement Program

According to the College Board, “the Advanced Placement (AP) Program allows students to take college level courses while still in high school. The AP Program provides willing and academically prepared students with the opportunity to earn college credit and/or advanced placement. Taking AP courses also demonstrates to college admissions officers that students have sought out the most rigorous curriculum available to them.”

For years, students have been taking myriad AP courses at GJHS, followed by a tradition of excellence in the number of students taking the AP examinations and the number of students earning a score of 3 or higher on the tests taken.

The following AP courses are offered at GJHS, based yearly on student requests:

AP Art History	AP Computer Science	AP Micro Econ	AP U.S. Government
AP Biology	AP English Language	AP Physics	AP U.S. History
AP Calculus	AP English Literature	AP Psychology	AP World History
AP Chemistry	AP Environmental Science	AP Spanish	AP Macro Econ
AP Comparative Government	AP Human Geography	AP Statistics	AP Euro History
AP Seminar	AP Research		

Concurrent Enrollment- This program allows qualified 9th-12th grade students to enroll in college courses while attending high school.

The following conditions must be in place in order for a student to enroll concurrently in college courses at Colorado Mesa University and/or WCCC:

College courses must align with the student's Individual Career and Academic Plan (ICAP) The ICAP outlines the student's career goals and aligns his/her high school coursework with future plans. (An example is a student interested in being a Biologist might be eligible to take a college-level Biology course.) Approval to take a college-level course is given by the student's counselor and designated administrator.

Calculus Guidelines

Link to the CMU Math placement guidelines to assess what is needed for Calculus I placement.

<http://www.coloradomesa.edu/mathstat/documents/MathematicsplacementprocedureACTSAT.html>

To determine Calc II placement the department does want to see the students' AP scores to determine which course. As you can see from the AP award guidelines, students who score a 3 on the Calc BC test will place into Calc. II; those who score a 4 will place into Calc III.

<http://www.coloradomesa.edu/registrar/documents/APhandout.pdf>

High School Scholars

In a joint venture with CMU and District #51, eligible students (9-12) can receive Colorado Mesa University (CMU) and high school credit for taking these courses. They will be taught at the student's home school by high school teachers, who have met the criteria established by CMU. The student is responsible for class fees and books, but the District will pay the tuition up front. Should the student not earn a final grade of "C" or above, the student will be responsible for reimbursing the District the cost of tuition. The courses offered will be in the areas of math, English, science, and social studies. The courses offered in each building will vary based on student needs, staffing and building schedules.

Technical Scholar

This program provides qualified students the opportunity to take WCCC career & technical education courses in their high school or at WCCC and earn college credits. The courses are available to students attending WCCC as well those enrolled in specific courses at participating high schools. The courses are offered for both high school and college credit.

Students may enroll for college credit and earn credit by meeting specific course competencies outlined in each program. The school district pays the tuition for no more than two courses per semester.

Technical Scholars students are financially responsible for applying for the College Opportunity Fund (COF) stipend to offset their tuition. Students may apply through their Career Center counselor or WCCC instructor.

ASCENT Program- This program allows students to delay official high school graduation for one year, and attend a participating college/university during their "5th year" of high school. ASCENT provides the opportunity for a student to delay their official high school graduation for one year in order to enroll at Colorado Mesa University/WCCC or a participating institution in a degree or certificate program with the tuition paid for by the school district. The credit hours for which the student is eligible to enroll is contingent upon the funding the District receives from the State.

Students must meet the following criteria in order to be eligible for the ASCENT program:

1. Meet all high school graduation requirements
2. Complete 12 college credits by the end of their senior year
3. Earn a cumulative GPA in the college courses of 2.5 or better
4. File a FAFSA (Free Application for Federal Student Aid) form

5. The college enrollment is part of the student's ICAP (Individual Career and Academic Plan). The ICAP outlines the student's career goals and aligns his/her high school coursework with future plans.

6. Agrees to delay high school graduation for one year

If the above criteria are met, the student may be eligible for the ASCENT program.

This program is funded through the State of Colorado, and **funding is not guaranteed**. The District will fund tuition at either part-time or full-time rates. It is vital that students and families understand that the ASCENT program is contingent upon state funds, and these funds are allotted each summer. Students are strongly advised to apply for admission, scholarships, and financial aid to the college(s) of their choice. ***For further information, contact your high school counselor***

Career and Technical Education (CTE) Program

Students taking classes at Grand Junction High School have the opportunity to earn college credit by achieving necessary competencies in the following Career and Technical Education (CTE) courses offered on campus. Each of the programs provides students with a strong experience in and understanding of all aspects of the industry, which includes work-based learning options.

Students who enroll in and complete an approved CTE program are considered completers. The minimum and maximum length of each program determines the definition of completer for that program. A program- completer should be ready for entry-level employment or ready for the next level of advanced training as verified by the state Technical Advisory Council.

In order to be of sufficient size and scope, a completer definition must at a minimum be equal to or greater than one (1) academic unit, often referred to as a Carnegie unit, equivalent to one full school year of credit in the specific program pathway.

Due to the variety of school schedules across the state, the contact hours for the minimum will range from 120 to 1800 hours. There is no maximum limit of completion hours. A course may count toward completion of multiple pathways and be appropriate on multiple program approvals.

Each approved CTE program must provide leadership training opportunities by establishing and maintaining all appropriate CTE leadership organizations as listed below.

CTE Program

Business Education

Catering

Family and Consumer Science

Information Technology

Technology Education

Theater Arts

Career and Technology Student Organization (CTSO)

Future Business Leaders of American (FBLA)

Family Career and Community Leaders of America (FCCLA)

Family Career and Community Leaders of America (FCCLA)

SkillsUSA

SkillsUSA

Career Center

The Career Center is a vocational school that serves as an extension for students from all area high schools. The programs are open to students at any grade level, and acceptance is based on student interest and available space. There are three instructional sessions offered daily. All courses meet during a block of time taking several class periods. Approval from Career Center staff is required.

Opportunities at Career Center include the following:

Early Childhood

Horticulture

Construction

Culinary Arts

Property Management &

Maintenance

Sport Vehicle Repair

Small Animal Care

Healthcare Prep

PART III: GENERAL INFORMATION

FULL-TIME STUDENT STATUS

With a rigorous and relevant instructional program as the foundation for student achievement and success, it is critical to support our District 51 instructional program and staff with all available resources and funding. Our District 51 General Fund revenues are generated within the legislation determined by the Colorado School Finance Act. Through the Finance Act, CDE audits the schedule of every student within District 51 on an annual basis to determine part-time or full-time status. This CDE audit leads to our Per Pupil Operating Revenue (PPOR), a major source for our District 51 revenue from the State of Colorado.

In order for the school district to maintain adequate funding, all students must obtain "Full-Time Status." Full-Time Status is defined as follows: enrollment in classes a minimum of six (6) out of eight (8) split blocks per semester of three (3) out of four (4) blocks per quarter for the fall semester. Due to travel time, a student enrolled in off campus programs, such as Career Center, Western Colorado Community College, or Early Scholars, must work with their counselor to ensure they have obtained "Full-Time Status."

"Full-Time Status" is required for student athletes the semester prior to and during the semester of their participation in a sport. Colorado High School Activities Association (CHSAA) activities or building opportunities require full-time status, such as qualifying for Academic Letter. Full-time status for student count is defined as at least three (3) credits per semester or 1st and 2nd quarters. It is considered best practice to have 1.5 credits per quarter, although a combination of 1.25 credits and 1.75 credits is acceptable.

HOW MANY CLASSES SHOULD I TAKE?

Freshmen are required to enroll in a full schedule of classes each semester. Freshmen do not qualify for Release Time.

Sophomores are required to enroll in a full schedule of classes each semester. Sophomores do not qualify for Release Time.

Juniors must maintain full time status by taking a minimum of three (3) credits each semester. Juniors may build a Release Time into their schedule, as long as they meet the requirements of the release policy on the next page.

Seniors must fill at least 75% of daily class time during the fall semester. Second semester seniors are expected to register for the coursework necessary to complete graduation requirements but must be enrolled in at least 1.5 credits. Seniors may build a Release Time into their schedule, as long as they meet the requirements of the release policy. College-bound students should continue to take academic classes all year to meet college admission requirements and continue to build academic strength.

RELEASE POLICY

Only **juniors** and **seniors** who have a 2.0 GPA may be on release if they are not enrolled in a class. In order to increase the security and safety of Grand Junction High School students and staff, all students must be present and accountable while on campus; therefore, juniors and seniors who have a release built into their schedules must choose one of the following options:

- Students who properly check into the library may study there.
- Students may be supervised by teachers who provide an opportunity for students to be present in their classroom.
- Students involved in co-curricular sports with an 8th period release may go to the locker room area if supervised by a coach/teacher.

- Students who choose none of the first three options must be off campus during their release.

There are opportunities other than releases available to students at GJHS. Keep in mind that colleges **expect** students to continue to be fully engaged in academics through the conclusion of the senior year.

The Release Program at Grand Junction High School is a privilege program. **Students who fail to meet the graduation requirements of the Conventional Pathway as outlined in the District's performance based policy may lose their release time privilege and be placed in a directed intervention program that is designed to close the learning gap and return the student to the Conventional Pathway. Students must have and maintain a 2.0 GPA and be on track to graduate in order to be eligible for a release.**

Students who are on campus during an emergency situation are expected to follow the instructions of teachers, administrators, and safety personnel whether they are on release or not. Failure to do so could result in criminal charges being preferred by law enforcement personnel and/or disciplinary actions taken by the GJHS Administrative Team.

TRANSFER AND LATE ENROLLMENT POLICY

Students are expected to be present for the entire school year. Attendance records begin on the first day of a term. Students transferring from other schools should enroll within five (5) days after leaving their previous school. Students will be placed in classes similar to those taken at their previous school. Every effort will be made to create a schedule as complete as possible.

MCVSD #51 supports all students in their desire to attend school. Those students enrolling within the first sixteen (16) days of a term may have the opportunity to earn credit. Teachers have the discretion to determine what assignments and competencies need to be demonstrated in order for credit to be earned. There may be circumstances which do not allow a student to enroll prior to the sixteenth (16th) day of a term. Students are still required to enroll in school and attend classes, as scheduled by their counselor.

***Certain exceptions may apply. Individual circumstances will be taken into consideration, with input from teachers, counselors and parents. The final determination will be made by the principal. (Case managers for Special Education and English Language Learner (ELL) students will be consulted to determine appropriate placement and credit.)

SCHEDULE CHANGES/CLASS ADD-DROP POLICY

Students/parents should make every effort to complete schedule adjustments prior to the first day of class. Valuable information regarding class policies, procedures and guidelines for success are presented the first day of class.

- Students have the first six (6) days of a term to drop a class without it being recorded on their transcript. This applies to both block and split block classes.
- Classes dropped after the 6th day will be recorded on the transcript as either a Withdraw Passing (WP) if the student has a passing grade at the time of the drop, or a Withdraw Failing (WF) if the student has a failing grade at the time of the drop. After midterms, approximately 4.5 weeks on the block; 9 weeks on the split block, all drops will be recorded as a WF, regardless of the grade the student has in that class at the time of the drop. Remember that a WF impacts a student's GPA in the same manner as an F.
- Students may add a class during the first six (6) days of a term. They are responsible for all work presented and completed prior to their enrollment in the class.
- Students, who wish to enroll in a class after the first six (6) days of a term, may do so for the next ten (10) days on an audit basis. However, it will be left to the teacher's discretion to determine what assignments and competencies need to be demonstrated in order for credit to be awarded. No credit will be awarded to a student who enrolls in a class after the sixteenth (16) day of the term.

**Certain exceptions may apply. Individual circumstances will be taken into consideration, with input from teachers, counselors and parents. The final determination will be made by the principal. (Case managers for Special Education and ELL students will be consulted to determine appropriate placement and credit.)

WEIGHTED GRADE POLICY

- Advanced Placement (AP), CMU Concurrent, WCCC, and High School of Business classes are calculated on a 5.0 weighted scale for grades of “C” or higher. Thus, an “A” earns 5 points, a “B” earns 4 and a “C” earns 3. A grade of “D” in an AP course only earns 1 point, as in a regular class.
- Students do not have to take the AP exam in May to receive the weighted grade.

CALCULATING GRADE POINT AVERAGE (GPA)

In order to calculate the GPA, a student must convert the letter grades from his/her report card to the equivalent numerical grades using the table below:

Letter Grades (Converted)	Numerical Grade (Grade Point Value)
A	4.0
B	3.0
C	2.0
D	1.0
F	0.0

Then the student needs to add the numerical value of all of the grades, and divide this sum by the number of grades that were added.

Example Using a First Semester Junior Schedule

Composition/Lit 11	B	=	3 points
Chemistry in the Comm	C	=	2 points
Math 3	A	=	4 points
Team Sports	B	=	3 points
Marching Band	A	=	4 points
Spanish III	<u>B</u>	=	<u>3 points</u>
TOTALS	7		23 points

The GPA for this student is determined by dividing the student’s “7” grades into the “23” grade point values, which equals a 3.285 GPA.

In order to determine the student’s cumulative GPA (CGPA), which is the average of all terms since high school began, the student will add up the grade point values from all terms and divide this number by the total number of classes that were taken. A grade with a plus or minus is not calculated differently.

GRADE IMPROVEMENT/REPLACEMENT POLICY

Students may choose to repeat a course they have failed or courses they withdrew from with a failing grade (WF). When they choose to do this, the previous grade will be replaced with a designation of “NG” for no grade.

- If the same class has been repeated more than once, the procedure described above will apply each time the student repeats the class. (For example: A student took Math 1 his 9th grade year and received an “F” on his transcript. The student chooses to repeat the class in his 10th grade year and subsequently receives an “F” again. His/her transcript will now show Math 1 during his 9th grade year with “NG,” and Math 1 during his 10th grade year with “F.” The student again chooses to repeat Math 1 in his 11th grade year, and passes the class with a “C.” His transcript will now show Math 1 during his 9th grade year with “NG,” Math 1 during his 10th grade year with “NG,” and Math 1 during his 11th grade year with “C.”)
- When a student chooses to repeat a class that he/she has passed, the previous grade may be replaced with a designation of “NG” for no grade.

- By taking this option, only the second grade will be used for the credit and the GPA. This option will positively affect the GPA, but will not increase the total number of credits earned.
- When a student chooses to repeat a class that he/she has passed, the previous grade may remain as an elective credit, while the new grade will be used to fulfill the original requirement.
 - By taking this option, both grades will count towards credits earned (one original and one elective) and both grades will count towards the GPA. This option will have a minimal effect on the GPA, but will increase the total number of credits earned.
 - If a student retakes a class and earns a lower grade, the retake can receive the “NG” while the original grade remains on the transcript.

It is the student’s/parent’s responsibility to contact the counselor with their choice in a timely manner so the transcript is accurate as soon as the replacement class is completed.

MIDDLE SCHOOL CREDIT POLICY

Students may receive three (3) high school credits for Math 1, Math 2, World Language, and/or Environmental Science taken at middle school, with the following conditions:

- Students in high school cannot use their middle school grade as a replacement grade.
- Credit must be received from within a MCVSD #51 school or when entering high school from a school outside the MCVSD, students must enroll with a transcript from their middle school and a letter stating the criteria of the middle school course(s) taken.

Parents must request their child’s middle school forward credit information to be placed on the student’s high school transcripts. Parents will utilize the “Request for High School Credit” form which is available from the middle school office. This form will allow parents and students to choose from the following three options:

- Option 1: The class and grade will appear on the high school transcript. The class will count for credit and the grade earned will be included in the student’s GPA.
- Option 2: The class and grade will appear on the high school transcript to show the class was taken. No credit will be given, and the grade earned will not be included in the student’s GPA.
- Option 3: The class and grade will not appear on the high school transcript. No credit will be given, and the grade will not be included in the student’s GPA.

Credit taken before 9th Grade

Credits will not be awarded for courses taken prior to completion of 8th grade unless they fall under the middle school credit policy.

March 1st of the student’s junior year (one year prior to graduation) will be the last date that a student may add or remove a middle school credit on the high school transcript.

PHYSICAL EDUCATION WAIVER POLICY

Students may request and be granted a waiver for 0.5 credit of Physical Education if they provide the necessary written documentation that attests that they have fulfilled one of the two following criteria:

1. The student has participated in three (3) seasons of Marching Band **or**
2. The student has participated in three (3) seasons of the same co-curricular school sport.

No credit is attached to the waiver. Students must still earn a minimum of 25 credits to graduate.

Students can only waive the physical education course requirement, not the Personal Fitness and Wellness course requirement.

FRESHMAN SEMINAR & ADVISORY

Relationships are fundamental to the learning process both in and out of school. Research demonstrates that personalization of the learning environment – enabling students to know well, and be known well by at least one adult in the school – leads to improved student outcomes in school. Advisory groups are one effective means to achieve personalized learning by building supportive relationships between students and teachers.

At GJHS, all students are assigned to advisory by grade level, and ninth graders are also assigned a Freshman Seminar teacher. Grade-level teachers/advisors serve as mentors for students, assisting them with overcoming the many obstacles of high school and providing support to focus on the social, emotional, physical, intellectual and ethical development of students. Seminar is also used for the development and revision of students' Individual Career and Academic Plans (ICAP) as mandated by the Colorado State legislature. Seminar and advisory provide structured time during which specialized activities are designed and implemented to help our students find ways to fulfill their needs. The Seminar period is also used to provide consistent, caring, and continuous adult guidance at school through the organization of a supportive and stable peer group.

Students receive a letter grade for Seminar based on their attendance to the class and their participation in the many activities offered during the period throughout the year while advisory earns credit and a pass or fail grade for participation and attendance.

ACADEMIC RECOGNITION PROGRAMS

Honor Rolls:

We recognize students for their academic excellence in class at the end of each semester, by publishing two honor rolls: the **Honor Roll** and the **High Honor Roll**. Students who earn a 3.5 to 3.74 GPA are eligible for the **Honor Roll**. Students who maintain a 3.75 or higher GPA are eligible for the **High Honor Roll**. Students who fail a course, earn a "D" in a course, or have incomplete or missing grades in any course are not qualified to receive either honor roll recognition.

Individual Academic Recognition:

In addition to the above mentioned forms of recognition, we also recognize the Best of our Best academically based on their GPA and performance on the ACT or other approved assessments. These individuals receive district level recognition through the Pathway of Distinction Diploma. They also receive school level recognition based on their final grade point average at the end of their four years in high school.

1. The Pathway of Distinction Diploma is a diploma with a gold seal placed on it for those students who complete 25 required standards-based credits, maintain a 3.5 grade point average (GPA) or higher, and demonstrate an "advanced" level on 9th and 10th grade TCAP in all tested areas, or demonstrate an "advanced" performance on the NWEA Map Test, or demonstrate a composite score above the deemed cutoff score on the SAT, or complete an alternative proficiency assessment (APA) during the junior or senior year. The Pathway of Distinction Diploma is determined based on a student's GPA at the end of the third marking period of the student's senior year.
2. At the school level, we recognize seniors based on their GPA at the end of the third quarter of their senior year. Specifically, we recognize the valedictorian who is the full-time student with the highest grade point average at the end of his/her four years in high school, and those students who earn a 4.0 grade point average (GPA), a 3.75 to 3.99 GPA, and a 3.5 to 3.74 GPA. These individuals are entitled to wear the following regalia with their graduation cap and gown.
 - a. Valedictorian- White tassel, black and orange honor stole and medallion with gold ribbon.
 - b. Students with a 4.0 GPA and Higher-Black and orange honor stole and medallion with silver ribbon.

- c. Students with a 3.75-3.99 GPA-Black and orange honor stole and medallion with orange and black ribbon.
- d. Students with a 3.5-3.74 GPA-Gold cord.

If there are two or more seniors who are tied with the highest GPA, they will share co-valedictorian honors. Again, both students must be full-time students. We do not recognize a salutatorian.

PART IV: DESCRIPTION OF COURSES

The GJHS staff will make every effort to fulfill student and parent schedule requests. However, based on a number of factors, classes may need to be added or removed from the course offerings. Additionally, the administration of the school reserves the right to design and make changes to student schedules. These changes may occur after initial schedules are completed. Some courses in this planning guide may not be offered; this decision will be based on enrollment needs.

The course selection process begins in January when counselors from the high school begin the registration process with students and staff. Since teaching assignments are based on the course selections made by students, requests for schedule changes should not be delayed until the school year begins in August. **If a student fails to follow the appropriate course selection procedures, the student's counselor may select the student's courses for the academic year.**

The following definitions will help you in deciding which courses to select:

Definitions:

- **Required courses** are the 25 standards-based courses which must be successfully completed in order to earn a diploma.
- **Academic courses** are considered to be courses generally in the areas of Language Arts, Mathematics, Science, Social Studies, and World Language.
- **Elective courses** are specific courses which a student may choose in accordance with the student's interests, aptitudes, and future plans.
- **Career Clusters** are designated on each elective course so that students know which career path that elective course will meet. The following abbreviations are used for the different career clusters: Business, Marketing & Public Administration BMPA; Humanities & Liberal Arts HLA; STEM, Arts, Design & Information Tech STEAM/IT; Skilled Trades & Technical Sciences SKTS; Health Science, Criminal Justice & Public Safety HSCJPS; Hospitality, Human Services & Education HHSE
- **Advanced Placement Program (AP)** is a program of credit by examination for college-level studies pursued in secondary schools. Students choosing to take AP classes are encouraged to take the AP exams.
- A **Prerequisite** is a course which must be successfully completed before taking certain other courses. For instance, French I is a *Prerequisite* to French II, because a student may not take French II before he/she has successfully mastered the knowledge and skills taught in French I.

CREDIT WORKSHEET

ID #
STUDENT NAME

	FRESH	SOPH	JUNIOR	SENIOR	NOTES
<input type="checkbox"/> LANGUAGE ARTS <input type="checkbox"/> 1 credit Comp Lit 9 <input type="checkbox"/> 1 credit Comp Lit 10 <input type="checkbox"/> 1 credit Comp Lit 11 <input type="checkbox"/> ½ credit Level 12 Lit <input type="checkbox"/> ½ credit Lang Arts Elective TOTAL 4 credits					
<input type="checkbox"/> MATHEMATICS ** TOTAL 3 credits					
<input type="checkbox"/> SCIENCE <input type="checkbox"/> 1 credit Strand 1- Env. Science <input type="checkbox"/> 1 credit Strand 2- Life <input type="checkbox"/> 1 credit Strand 3- Phys Science TOTAL 3 credits					
<input type="checkbox"/> SOCIAL STUDIES (SS) <input type="checkbox"/> 1 credit Global Studies <input type="checkbox"/> ½ credit SS Elective <input type="checkbox"/> 1 credit U.S. History <input type="checkbox"/> ½ credit Am. Government TOTAL 3 credits					
<input type="checkbox"/> .5 Physical Education <input type="checkbox"/> .5 Personal Fitness & Wellness TOTAL 1 credit					
<input type="checkbox"/> FINE ARTS TOTAL ½ credit					
<input type="checkbox"/> COMPUTER APPLICATION TOTAL ½ credit					
<input type="checkbox"/> FINANCIAL LITERACY					Personal Finance, Economics, AP Economics, Wealth Management, or Life Management meets this requirement.
ELECTIVE COURSES					
<input type="checkbox"/> OPTIONAL: SERVICE LEARNING 100 + grad year Hours + reflection project					
TOTAL					
CUMULATIVE TOTAL					

BUSINESS AND INFORMATION TECHNOLOGY (IT) EDUCATION

To compete in today's economy and be prepared for the ever-changing future, students need transferable skills that will help them advance both educationally and in the workplace. Business and IT Education focuses on problem solving, communication, technology, teamwork, critical-thinking skills and professional workplace standards that give tomorrow's graduates an edge by offering students opportunities to develop with the workplace and technology skills needed to compete in today's economy.

Graduation Requirements Met Through Business Courses:

Computer Science: Completion of High School of Business program
.5 credit required Computer Science Foundations / Web Design / Coding / Cybersecurity / AP Computer Science / AP Computer Science Principles

Financial Literacy: Completion of the High School of Business program
.5 credit required Personal Finance / Economics/*Personal Finance can also be counted as a math elective.*

Co-Curricular Opportunities

FBLA FBLA (Future Business Leaders of America) provides opportunities for students to develop their skills academically and professionally through workshops, conferences, competitions and projects. Participation provides opportunities for travel, networking, scholarships and more

Cyber Tigers Cyber Tigers provides students with experiential learning in a variety of fun and unique ways to learn cyber security skills in a discipline under-represented in high school curricula. The activities are designed in a way that all students, no matter their expertise in computers, are welcome to participate in this club.

National Technical Honor Society NTHS is designed to recognize students who excel in career and technical education. To qualify for NTHS, students must have a 3.0 overall GPA and have either taken two business classes with a 3.5 or higher average or one business class with an A and be able to demonstrate leadership ability.

BUSINESS AND IT COURSES

HIGH SCHOOL OF BUSINESS (HSB)

Prerequisite: None

High School of Business (HSB) is an AP/college level, project based program within the Business Department strongly focused on academic and critical thinking skills. The curriculum is designed to be college preparatory but is also appropriate for students looking for a serious study of entrepreneurship.

Participation in the program begins the freshman or sophomore year and continues through graduation. Throughout the program, students are presented problem-solving situations for which they must apply academic and critical thinking skills. Formal reflection is an on-going component of the course.

Students should enter the program with the intent of completing the entire program consisting of the following classes: Principles of Business, Business Economics, Principles of Marketing, Principles of Finance, Principles of Management, and the capstone course, Business Strategies. Leadership may be taken during the freshman year.

Completion of the program provides 3 to 4 elective credits including Financial Literacy.

<p>35776 LEADERSHIP (HSB Optional) <i>Prerequisite: None</i> This project-based leadership course develops student understanding and skills in such areas as communication skills, emotional intelligence, operations, and professional development. Students acquire an understanding and appreciation of the need for leadership skills. The capstone activity of the course is the implementation of a service learning project. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical- thinking skills. Formal reflection is an on-going component of the course.</p>	<p>1 Term .5 Credit Grades 9-12</p>
<p>35731 PRINCIPLES OF BUSINESS (HSB) <i>Prerequisite: None</i> This project-based business course develops student understanding and skills in such areas as business law, economics, financial analysis, human resources management, information management, marketing, operations, and strategic management. Through the use of projects, students acquire an understanding and appreciation of the business world. They develop a business analysis report, conduct an environmental scan of the local business community, and investigate business activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course.</p>	<p>1 Term .5 Credit Grades 9-12</p>
<p>35753 BUSINESS ECONOMICS (HSB) <i>Prerequisite: Completion of Principles of Business for HSB program completion</i> This project-based business course develops student understanding and skills in such areas as economics, entrepreneurship, operations, and professional development. Through the use of seven projects, students acquire an understanding and appreciation of economic decision-making in the business world as well as augmenting their knowledge of entrepreneurial contributions. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills.</p>	<p>1 Term .5 Credit</p>
<p>35778 PRINCIPLES OF MARKETING (HSB) <i>Prerequisite: Completion of Business Economics for HSB program completion</i> 10-12 This project-based business course develops student understanding and skills in such areas as channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Through the use of seven projects, students acquire an understanding and appreciation of marketing activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills</p>	<p>1 Term .5 Credit Grades 10-12</p>
<p>35779 PRINCIPLES OF FINANCE (HSB) <i>Prerequisite: Completion of Principles of Marketing for HSB program completion</i> 10-12 Principles of Finance furthers student understanding of two specific business activities—accounting and finance—that were introduced in an earlier High School of Business course, Principles of Business. Through team activities and a semester-long corporate investment project, students make connections between accounting and finance. Students acquire an understanding of financial statements, calculate financial ratios, and make corporate financial management decisions based on their analysis of that financial data. In addition, students apply the concepts of operating and overhead costs, internal accounting controls, and budgets to their class business. Lastly, cost/benefit analysis is introduced as an element of financial planning and decision-making.</p>	<p>1 Term .5 Credit Grades 10-12</p>

35777 PRINCIPLES OF MANAGEMENT (HSB)

1 Term .5 Credit

Prerequisite: Completion of 4 HSB Core classes

Grades 11-12

Principles of Management furthers student understanding of management that was introduced in an earlier High School of Business™ course, Principles of Business. Through individual and team activities and a semester-long project, students make connections between management and business success. Students acquire an understanding of legal and ethical issues associated with management; initiate, plan, implement and control, and close a project; motivate team members; delegate work; develop a chain of command; coordinate work efforts; and interpret statistical findings.

35775 BUSINESS STRATEGIES (HSB)

1 Term .5 Credit

Prerequisite: Completion of Principles of Management

Grades 11-12

This project-based business course develops student understanding and skills in such areas as business law, entrepreneurship, financial analysis, human resources management, and strategic management. By planning, organizing, staffing, directing, leading, and controlling business activities, students acquire a realistic understanding of what is required to open and successfully run a business. They conduct situational, market, and competitive analyses; select a target market; develop a business plan; recruit, interview, select, and hire staff; supervise staff; control use of resources; and evaluate the results of the business effort. Throughout the course, students make decisions and use problem-solving skills. Formal reflection is an on-going component of the course.

35501 BUSINESS COMMUNICATION (offered odd years only)

1 Term .5 Credit

Prerequisite: None

Grades 10 - 12

Emphasizes effective business writing and cover letters, memoranda, reports, application letters, and resumes. This course includes the fundamentals of business communication and an introduction to international communication.

This class may serve as .5 English elective.

35610 COMPUTER SCIENCE FOUNDATIONS

1 Term .5 Credit

Prerequisite: None

Grades 9 - 12

This course meets the graduation requirement for Computer Science.

Computer Science Explorations course introduces students to the fundamental concepts of computer science and challenges them to explore the impacts of computing and technology. The course creates opportunities for students to analyze problems, use creative thinking, and collaborate on developing solutions to real-world issues using computing. Topics include algorithms and programming, the structure and design of the internet, the implications of design decisions, and the role of hardware platforms in computing. The course lays a foundation for more advanced computer science courses and a variety of career pathways.

Class Fee is \$10.00

35650 CYBERSECURITY

1 Term .5 Credit

Prerequisite: Teacher/Counselor Recommendation

Grades 9 - 12

This course meets the graduation requirement for Computer Science.

Introduction to Computer Security is a one-semester course that serves as an introduction to Computer Security to students of all grades. This course covers fundamentals in computer operating system security within Windows, Windows Server, and Linux environments. Problem solving will be heavily stressed as well as ethics as they relate to technology.

35645 WEB DESIGN FOUNDATIONS

1 Term .5 Credit

Prerequisite: Teacher/Counselor Recommendation

Grades 10 - 12

This course meets the graduation requirement for Computer Science.

This course will introduce students to designing, creating, editing and maintaining web pages that are easy to use and visually appealing. The use of images, forms, tables, templates, layers and behaviors will be covered. Image editing software will be used to format images for use in web pages.

35660 WEB DESIGN DEVELOPMENT

1 Term .5 Credit

Prerequisite: Web Design Foundations with a C or higher

Grades 10 - 12

This course meets the graduation requirement for Computer Literacy.

This class will create, update and maintain the high school web site using industry-based-standards. Students will take their prior experience with web designing software from Web Design I and apply it to the school site. Evaluation will be based upon successfully completing both short-term and long-term projects using industry-based standards. All work is to be done in class due to the specific requirements of the projects; therefore, regular attendance is required to be successful.

35890 CODING I

1 Term .5 Credit

Prerequisite: None

Grades 9 - 10

This course meets the graduation requirement for Computer Literacy.

This course introduces programming and applications development. Assignments focus on program structure, language syntax, and implementation details..

35893 CODING II

1 Term .5 Credit

Prerequisite: Coding I

Grades 9 - 10

This course meets the graduation requirement for Computer Literacy.

Coding II challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. In doing so, they develop key skills of discernment and judgement as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long- term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS.

35710 BUSINESS EXPLORATIONS

1 Term .5 Credit

Prerequisite: None

Grades 9 - 10

This class is for freshmen and sophomores who are interested in learning the basics about the business world. Content includes the study of current business issues, with an emphasis on business vocabulary. This course will prepare students for upper level business courses. Evaluation is based upon completion of in-class assignments, projects, quizzes, and unit examinations.

35740 PERSONAL FINANCE

1 Term .5 Credit

Prerequisite: Core Math Credits

Grades 11 - 12

This course meets the graduation requirement for Financial Literacy.

This course emphasizes life-long decision-making skills involved in managing one's personal finances. Students will leave the class prepared to manage bank accounts, create and maintain a personal budget, and make wise decisions regarding saving and investing.

35770 BUSINESS LAW (offered odd years only)

1 Term .5 Credit

Prerequisite: None

Grades 11 - 12

This course emphasizes the importance of the law in our society and the business and personal law concepts that directly relate to students' lives today and in the future. Students consider legal issues that are faced by minors, families, consumers, and business people including the organization of the legal system, contract and consumer law, agency and employment law, domestic relations law, and special law issues, property, commercial paper, technology, and the environment.

ACCOUNTING

Accounting provides you with practical applications for both personal and business use. **If you plan to study accounting, business, finance, marketing, management, or law at the college level**, this foundation course is a must. **If you plan to enter the business world after high school**, these courses will provide entry level job skills that will help you start your career. **If you plan to start your own business**, you will learn how to keep your own records.

35801 ACCOUNTING I A

1 Term .5 Credit

Prerequisite: Core Math Credits

Grades 10 - 12

This course introduces accounting principles for understanding the theory and logic that underlie procedures and practices for business organizations. Major topics include the accounting cycle for service and merchandising companies, internal control principles and practices, notes and interest, inventory systems and costing, and plant and intangible asset accounting.

35802 ACCOUNTING I B

1 Term .5 Credit

Prerequisite: Accounting IA

Grades 10 - 12

This course builds a basic understanding of manual and automated accounting principles and procedures. Students learn to analyze and record business transactions and prepare financial statements for businesses organized as proprietorships, partnerships, and corporations.

35603 (A), 35604 (B) ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

.5 Credit/Term

Prerequisite: Teacher/Counselor Recommendation, Math 2 A & B, and Comp/Lit 10 A & B

Grades 9 - 12

This course meets the graduation requirement for Computer Science.

The AP Computer Science Principles course is designed to be equivalent to a first- semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

35600 (A), 35601 (B) ADVANCED PLACEMENT COMPUTER SCIENCE

2 Terms .5 Credit Each

Prerequisites: Geometry

Grades 10 - 12

This course meets the graduation requirement for Computer Science.

The AP Computer Science A course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. It includes the study of data structures, design, abstraction using Java language, and the responsible use of these systems. The course is equivalent to a first semester college-level course for students interested in pursuing a computer science career field.

35620 GRAPHIC DESIGN FOR BUSINESS

1 Term .5 credit

Prerequisite: None

Grades 9 - 12

This course meets the graduation requirement for Computer Science.

Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures.

ENGLISH AS A SECOND LANGUAGE

31981 **ELD 1 (CLD1)**

2 Terms .5 Credit Each

WIDA proficiency levels 1.0-2.5

English Language Development course. Students will acquire English language skills and develop comprehension skills to communicate with English speakers. Initial instruction focuses on listening and speaking while reading and writing skills are developed simultaneously as the student comprehends and speaks more English. This course is designed for students identified as English Language Learners (ELLs) at the beginning levels of English proficiency.

31982 **ELD 2 (CLD 2)**

2 Terms .5 Credit Each

WIDA proficiency levels 2.0-3.0.

English Language Development course. In this course, English learners will build on the beginning levels of the English language, further developing grammar, sentence patterns, vocabulary and conversation. Initial instruction focuses on lessons designed to explain, describe, define and compare concepts in English. Language is developed simultaneously as the student comprehends and speaks more English. This course is designed for students identified as English Language Learners (ELLs) at the early levels of English proficiency.

31983 **ELD 3 (CLD 3)**

2 Terms .5 Credit Each

WIDA proficiency levels 2.5-4.0.

English Language Development course. The course enables English learners at intermediate levels in oral language development, reading, and writing in English to continue to increase and refine communication skills. It focuses on increasing linguistic complexity in student work. Students will develop critical thinking skills, academic vocabulary, and writing skills while learning more advanced skills in how to recount, discuss, argue, explain and compare concepts in English. This course is designed for students identified as English Language Learners (ELLs) at the intermediate levels of English proficiency.

31984 **ELD 4 (CLD 4)**

2 Terms .5 Credit Each

WIDA proficiency levels 2.5-4.0

English Language Development course. The course enables English learners at intermediate levels in oral language development, reading, and writing in English to continue to increase and refine communication skills. It focuses on increasing linguistic complexity in student work. Students will develop critical thinking skills, academic vocabulary, and writing skills while learning more advanced skills in how to recount, discuss, argue, explain and compare concepts in English. This course is designed for students identified as English Language Learners (ELLs) at the intermediate levels of English proficiency.

31961 **ELD (CLD) Fundamentals**

2 Terms .5 Credit Each

This course is designed to meet the academic and language development needs of newcomer students. It assists with the adjustment into a new school community while honoring the wealth of knowledge, experience, and global perspective they bring to our school. Students will participate in an intensive and accelerated course designed to develop communicative competence through targeted lessons based on language learning.

31957 **ESL(CLD) SOCIAL STUDIES LAB**

1 Term .5 Credit

Social Studies Lab will provide students an outlet to refresh their background knowledge in History & Geography. Topics include the 50 States & Capitals, fast facts on each American President, history of holidays, 7 continents, current events, time to work on core content homework & and lesson clarification.

This class has no *Prerequisite* and counts as the social studies elective requirement.

FAMILY AND CONSUMER SCIENCE

37510 FOOD SCIENCE I (HHSE)

1 Term .5 Credit

Prerequisite: Must be taken concurrently with FOOD SCIENCE II

Grades 9 - 12

Food Science, Dietetics and Nutrition course will use concepts and principles that include chemistry, microbiology, and physics to study the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students will apply the food technology of food science to the selection, preservation, processing, packaging, distribution, and use of safe, nutritious, and wholesome food. Students will connect the idea that food science and food technology are often used interchangeably. This course will benefit students because it will bring concepts and principles of science and technology to real life situations that affect the entire world. Math, science, and technology are integrated in to the curriculum. This course is designed around problem based learning and students will understand how the scientific process is used to develop new products in any field, develop and learn the process of food chemistry and food production, analyze the science of nutrition, and demonstrate research and development of chemical reactions. **This class may count as a science elective credit.**

***FEE REQUIRED**

37520 FOOD SCIENCE II (HHSE)

1 Term .5 Credit

Prerequisite: Food Science I

Grades 9 - 12

This course will expand on concepts and principles from Food Science 1 that include chemistry, microbiology, and physics to study the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students will apply the food technology of food science to the selection, preservation, processing, packaging, distribution, and use of safe, nutritious, and wholesome food. Students will connect the idea that food science and food technology are often used interchangeably. This course will benefit students because it will bring concepts and principles of science and technology to real life situations that affect the entire world. Math, science, and technology are integrated into the curriculum. This course is designed around problem based learning and students will understand how the scientific process is used to develop new products in any field, develop and learn the process of food chemistry and food production, analyze the science of nutrition, and demonstrate research and development of chemical reactions **This class may count as a science elective credit.**

***FEE REQUIRED**

37535 (A) 37536 (B) BAKING & PASTRY (HHSE)

Terms .5 Credit Each

Prerequisite: Food Science I & II

Grades 9-12

Must be taken concurrently with BAKING PASTRY B

This course is intended for students who have an interest in pursuing a career in the hospitality and culinary industry. Combining advanced food science, restaurant management, food preparation techniques, and real-world internship opportunities, students, through baking and pastry arts, students learn to develop their culinary skills and food knowledge to become employable and sought after employees by local foodservice businesses.

***FEE REQUIRED**

37560 LIFE MANAGEMENT # (HHSE) & (BMP)

1 Term .5 Credit

Prerequisite: None

Grades 11 - 12

Students will develop decision-making skills to become educated consumers with an understanding and academic knowledge of consumer resources and financial organizations. The course focuses on personal and family resources, job and career, personal and family finances, and wellness. (Relevant topics include: independent living, healthy lifestyles, career research and job portfolios, personal financial literacy, investments, credit, insurance, leasing vs. purchasing of autos and homes.)

37600 CHILD AND ADOLESCENT DEVELOPMENT (HHSE) 1 Term .5 Credit
Prerequisite: None Grades 9 - 12

The purpose of this course is to acquire knowledge and understanding of child and adolescent development necessary for strengthening the well-being of children and families. Content focuses on perspectives of human development, research and theories, understanding and nurturing development, and challenges to development.

37643 DESIGN SEMINAR (STEAM/IT) 1 Term .5 Credit
Prerequisite: Must be taken concurrently with FASHION DESIGN Grades 9 – 12

This course will give students an introduction to the elements and principles of design as seen in Interior Design, Fashion Design, Publishing and a variety of other fields. In addition it will introduce students to the many careers that require design and allow them to analyze their own career pathways to determine where design might fit. This course is recommended as an introduction to the fashion and interior design pathway

37642 FASHION DESIGN & MERCHANDISING I (STEAM/IT) 1 Term .5 Credit
Prerequisite: Must be taken concurrently with DESIGN SEMINAR Grades 9 - 12

The purpose of this course is to expose students to various aspects of the fashion design and merchandising industry. Students integrate knowledge, skills, and practices to evaluate potential Family and Consumer Sciences career opportunities. Emphasis is placed on an introduction to fashion, fashion and textile selection, product construction and fashion merchandising

37641 FASHION DESIGN & MERCHANDISING II (STEAM/IT) 1 Term .5 Credit
Prerequisite: Design Seminar and Fashion Design & Merchandising I Grades 9 - 12

This course is for students who wish to increase their knowledge and further their skills in the fashion design and merchandising industry. Topics include fashion designers, careers, clothing selection, fibers and fabrics, and fashion illustration. Projects are planned and completed in relation to the student's individual interest and skill level.

37590 RELATIONSHIPS (HHSE) 1 Term .5 Credit
Prerequisite: None Grades 9 - 12

The purpose of the course is to acquire academic knowledge and understanding for healthy, respectful, and caring relationships across the life span. Emphasis is placed on family and friend dynamics, effective communication, and healthy interpersonal relationships.

37660 TEEN CHOICES 1 Term .5 Credit
Prerequisite: None Grade 9 - 12

In this course, you will learn how to make healthy decisions throughout your teen years. You will learn skills and practices required by individuals to develop, manage and strengthen social, psychological, and physical wellness, interpersonal relationships, safe sexual decision making, anti-substance use practices, and understanding teens and the law.

42112 WORK BASED LEARNING (WBL) FCS 1 Term .5 Credit
Prerequisite: Application and Teacher Approval Grade 9-12

Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and post-secondary education. The mission of Family, Career and Community Leaders of America (FCCLA) is to promote personal growth and leadership development through Family and Consumer Sciences education. FCCLA is a co-curricular component to all classes in the Family and Consumer Sciences core. Focusing on the multiple roles of family member, wage earner, and community leader, members develop skills for life through character development, creative and critical thinking, interpersonal communications, practical knowledge and career preparation. Membership Fee is \$20.00

LANGUAGE ARTS

It is recommended that students complete at least two semesters of Language Arts classes each year.

Graduation Requirements for Language Arts

1 Credit	Level 9 Composition/Literature 9	1 Credit	Level 10 Composition/Lit 10
1 Credit	Level 11 Composition/Literature 11	0.5 Credit	Level 12 Literature
0.5 Credit	English Elective		

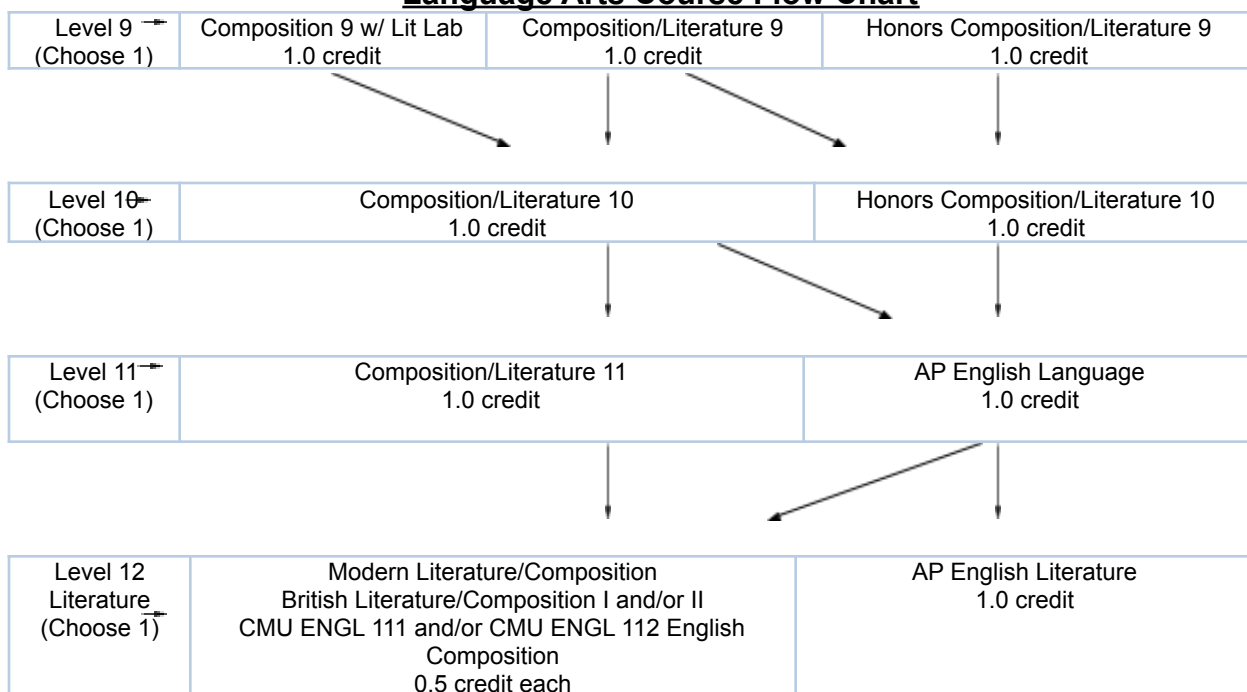
Homework Expectations

All English courses, except honors and AP courses, require an average of 1 – 2 hours of homework per week.

Assessments and Evaluations

Students will be evaluated in a variety of ways, including class participation, homework assignments, projects and portfolios, written and oral presentations, and tests and quizzes.

Language Arts Course Flow Chart



Level 9 Composition

31007 (A) 31008 (B) **COMPOSITION/LITERATURE 9**

2 Terms .5 Credit Each
Grades 9-12

Prerequisites: None

* HEAR, NCAA Approved

This is a two-term course which serves as an introduction to high school language arts instruction. In ninth grade, the learning of reading, writing, thinking, speaking, listening and researching focuses on the concept of perspectives and pursuits. Within this overarching theme, students will explore a variety of texts and genres through close reading and will write narrative, argumentative and informative texts. Students will compare and contrast texts and media that connect cultural and world views while focusing on complex characters and parallel plots, manipulated time, and flashbacks. They will make connections between their own lives and the lives of those they read. They will continue to develop their understanding of rhetoric through their reading, writing, and dialoguing. Students will develop speaking skills through effective preparation techniques and develop critical listening skills. Students will continue to research authentic questions so they can orally articulate a claim supported by evidence while differentiating between primary and secondary document sources. They will continue to develop and monitor their own

reading, writing, and thinking processes as they read self-chosen texts, write about self-chosen topics, and think about their thinking.

31051 (A), 31052 (B) **HONORS COMPOSITION/LITERATURE 9** 2 Terms .5 Credit Each
Prerequisites: Teacher Recommendation Preferred Grades 9 - 12

***HEAR, NCAA Approved**

This two-termed course is designed for the student willing to exert extra effort in the mastery of literature, writing, discussion, and grammar skills. In addition to the core curriculum designed for Composition/Literature 9, students will engage in an intense vocabulary program based on SAT word pools and will study literature selections that are more difficult and abstract. Discussion of literature will emphasize the seminar approach and enhance critical thinking skills. The students will write in narrative, descriptive, comparative/contrasting, and persuasive modes.

Level 10 Composition

31065 (A) 31066 (B) **COMPOSITION/LITERATURE 10** 2 Terms .5 Credit Each
Prerequisites: Successful Completion of Level 9 Core Requirement Grades 10 - 12

***HEAR, NCAA Approved**

This is a two-term course designed with a thematic approach to literature and writing for students who have successfully completed core 9 requirements. In tenth grade, the learning of reading, writing, thinking, speaking, listening and researching focuses on the concepts of The American Dream. Within this overarching theme, students will explore a variety of texts and genres through close reading and will write narrative, argumentative and informative texts. Students will compare and contrast texts and media that connect traditional, classical and contemporary themes while focusing on comparing the impact of artistic mediums, thematic or historical contexts. They will make connections between their own lives and the lives of those they read. They will continue to develop their understanding of rhetoric through their reading, writing, and dialoguing. Students will develop speaking skills through continued rehearsal techniques and will perform a formal speech. Students will develop speaking skills through continued rehearsal techniques and will perform a formal speech. Students will continue to research authentic questions so they can orally articulate a claim supported by evidence while differentiating between primary and secondary document sources. They will continue to develop and monitor their own reading, writing, and thinking processes as they read self-chosen texts, write about self-chosen topics, and think about their thinking.

31111 (A), 31112 (B) **HONORS COMPOSITION/LITERATURE 10** 2 Terms .5 Credit Each
Prerequisite: Teacher Recommendation; Successful Completion of Level 9 Grades 10 - 12

***HEAR, NCAA Approved**

This course is designed for students willing to exert effort to master literature, writing, and discussion. It provides an excellent foundation for those who plan to take Advanced Placement Language and Literature courses as well as those who desire to enhance their scores on college entrance exams. The expectations for students taking this class exceed those for students in the standard Level 10 core courses. The literature covered is difficult, abstract and comprehensive in nature. The writing expected in this class is extensive and includes a research paper.

Level 11 Composition

31161 (A), 31162 (B) **COMPOSITION/LITERATURE 11** 2 Terms .5 Credit Each
Prerequisites: Successful Completion of Levels 9 and 10 Core Requirements Grades 11 - 12

*** HEAR, NCAA Approved**

In eleventh grade, the learning of reading, writing, thinking, speaking, listening and researching focuses on the concept of Freedom and Responsibility. Within this overarching theme, students will explore a variety of historical texts and genres through close reading and will write narrative, argumentative and informative texts. Students will compare and contrast two or more complex characters with different motivations while focusing on comparing the historical contexts. They will make connections between their own lives and the lives of those they read. They will continue to develop their understanding of rhetoric through their reading, writing, and dialoguing. Students will research, write, and explore their

interests in their chosen career path to meet ICAP requirements. They will develop speaking skills through continued rehearsal techniques and will deliver at least one multimedia presentation. Students will continue to research authentic questions so they can orally articulate a claim supported by evidence while differentiating between primary and secondary document sources. They will continue to develop and monitor their own reading, writing, and thinking processes as they read self-chosen texts, write about self-chosen topics, write on demand, and think about their thinking.

31191 (A), 31192 (B) **ADVANCED PLACEMENT ENGLISH LANGUAGE** 2 Terms .5 Credit Each
Prerequisites: Successful completion of Levels 9 Grade 11 - 12
and Honors 10 Core Requirements and/or Counselor/Teacher Recommendation Required

***HEAR, NCAA Approved**

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods.

Senior Literature

31270 **MODERN LITERATURE AND COMPOSITION** 1 Term .5 Credit
Prerequisites: Successful completion of Levels 9, 10 and 11 core requirements Grade 12

***HEAR, NCAA APPROVED**

In this survey course, students read and analyze the ideas of major 20th and 21st Century authors. Students respond to a variety of literary selections by writing about and discussing that literature. Activities and study center on the appreciation and understanding of author technique and recurrent themes. This course emphasizes challenging levels of communication demonstrated by discussion, research, critical thinking and comprehensive reading and writing skills.

31220 **BRITISH LITERATURE AND COMPOSITION I (900 – LATE 1600's)** 1 Term .5 Credit
Prerequisites: Successful completion of Levels 9, 10 and 11 core requirements Grade 12

***HEAR, NCAA APPROVED**

Students expand their literary background through a chronological survey of the literature of Britain. Students read and discuss notable and universally appealing literature, including works by Chaucer and Shakespeare to Austin, Keats, Hardy and Wolff. The course emphasizes challenging levels of communication demonstrated by aggressive discussion, research, critical thinking and comprehensive reading and writing skills.

31240 **BRITISH LITERATURE AND COMPOSITION II (LATE 1600'S – Present)** 1 Term .5 Credit
Prerequisites: Successful completion of Levels 9, 10 and 11 core requirements Grade 12

***HEAR, NCAA APPROVED**

Students expand their literary background through a chronological survey of the literature of Britain from the late 1600's to the 20th century. Students read and discuss notable and universally appealing literature, including works by Austin, Keats, Hardy and Wolff. The course emphasizes challenging levels of communication demonstrated by aggressive discussion, research, critical thinking and comprehensive reading and writing skills.

H0101 **CMU ENGL 111 ENGLISH COMPOSITION** 1 Term .5 Credit – GJHS & 3 CMU Credits
Grade 12

The High School Scholars Program offers dual enrollment and credit at GJHS *and* Colorado Mesa University.

Prerequisite: Successful completion of Levels 9, 10 and 11 ELA core requirements, a minimum 3.0 GPA or a score of 470 on the SAT reading and writing portion

HEAR, NCAA APPROVED

Introduction to writing as a process with an emphasis on achieving rhetorical purpose.

H0102 CMU ENGL 112 ENGLISH COMPOSITION1 Term .5 Credit – GJHS & 3 CMU Credits
Grade 12

The High School Scholars Program offers dual enrollment *and* credit at GJHS Colorado Mesa University.
Prerequisite: Successful completion of CMU ENG 111 (Grade of C or above) or a 3 or higher on the AP English Language exam, and a minimum 3.0 GPA, or a score of 470 on the SAT reading and writing portion.

HEAR, NCAA APPROVED

The practice of academic writing that extends one's own thinking in response to the ideas of others.

31301(A), 31302 (B) ADVANCED PLACEMENT ENGLISH LITERATURE

2 Terms .5 Credit Each

Prerequisites: Successful completion of Levels 9, 10 and 11 core requirements
Grade 12
Counselor/Teacher recommendation required

***HEAR, NCAA APPROVED**

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

ENGLISH ELECTIVES**31370 FORENSICS I (Speech & Debate)** (HLA, STEAM/IT, & HHSE)

1 Term .5 Credit

Prerequisites: None

Grades 9 - 12

***HEAR, NCAA APPROVED**

Forensics is a debate-focused speech class that will give students the opportunity to develop strategies and knowledge related to logical reasoning and argumentation. Students will learn to verbalize thoughts clearly and dynamically; organize ideas clearly and appropriately; generate speeches for a variety of occasions; develop self-confidence to express ideas fluently; debate successfully using individual, team, and group skills; research effectively; defend positions using evidence.

31380 FORENSICS II (Speech & Debate II) (HLA, STEAM/IT, & HHSE)

1 Term .5 Credit

Prerequisites: Forensics I or Teacher Recommendation, \$5.00 class fee

Grades 9 - 12

***HEAR, NCAA APPROVED**

This is a class for students with above-average speaking skills. The primary focus of this class is debate. Debaters will continue to develop the skills learned in Forensics I and apply these to new debate topics. Competition outside of class will be required.

31425 MYTHOLOGY 1 (HLA) & (HHSE)

1 Term .5 Credit

Prerequisite: None

Grades 9 - 10

***HEAR, NCAA APPROVED**

In this one semester class, students study the myths, legends, and folklore of many cultures with an emphasis on Greek and Roman mythology. Students read a variety of literary forms such as short stories, plays, poetry, and novels. Students then discuss and write about the literature, gaining greater insight by comparing modern interpretations to ancient mythological stories.

31430 MYTHOLOGY 2 (HLA) & (HHSE)

1 Term .5 Credit

Prerequisite: None

Grades 11 - 12

***HEAR, NCAA APPROVED**

In this one semester class, students study the myths, legends, folklore, and adventures of many world cultures and mythologies. Students read a variety of literary forms such as short stories, plays, poetry,

and novels. Students then discuss and write about the literature, gaining greater insight by comparing modern interpretations to mythological stories.

31840 VIDEO/MEDIA PRODUCTION (STEAM/IT) 1 Term .5 Credit
Prerequisite: None Grades 10 - 12

In this course, students will develop technical, computer and communication skills necessary for effective studio production including, but not limited to, scripting, story-boarding, camera manipulation, audio production, lighting, editing, and final production for broadcast. Students will develop, shoot, edit, direct, and produce in various projects, which may include film, advertising, publication in online news magazines, podcasting or other means of broadcast and publishing. Students will experience various roles in the process and understand the basics of video productions.

31460 AFRICAN LITERATURE (HLA) 1 Term .5 Credit
Prerequisites: Successful completion of Level 9 core requirement Grades 10 - 12
***HEAR, NCAA APPROVED**

In this course, students will experience the literature and explore the cultural traditions found on the African continent. Emphasis will be placed on students exploring the complex issues affecting Africa as expressed through contemporary African writers as well as the rich cultural background found in folktales, myths, historical and non-fiction texts. Students will seek connections between their own culture and experiences and those expressed in literature and cultural studies.

31500 SCIENCE FICTION (HLA) 1 Term .5 Credit
Prerequisites: Successful completion of Level 9 core requirement Grades 10 - 12
***HEAR, NCAA APPROVED**

This course presents the roots and development of science fiction through short stories, novels, and films. Students explore major themes in the field to gain a greater understanding of the genre and how science fiction uses imaginary beings or events to comment on society. Class discussions, student writing, and projects focus on major science fiction authors' works. Opportunities to write and experiment with original science fiction selections are encouraged.

31540 HUMANITIES (HHSE & HLA) 1 Term .5 Credit
Prerequisites: Successful completion of Level 9 core requirement Grades 10 - 12
***HEAR, NCAA APPROVED**

Through a historical lens students will study the fine arts such as architecture, dance, and other art forms to gain an understanding of historical and sociological significance of the human experience. Students engage in class and group discussions, write papers, and create projects in order to examine the relationships between the arts. The course is arranged chronologically. ***Will fulfill .5 Fine Arts Elective credit if English elective already fulfilled**

31620 CREATIVE WRITING (HHSE, STEAM/IT, & HLA) 1 Term .5 Credit
Prerequisites: Successful completion of Level 9 core ELA class Grades 10 - 12
***HEAR, NCAA APPROVED**

This is a class for the student who seeks to develop a strong foundation in writing. This course provides instruction in and exploration of the following areas: developing characters, writing natural dialogue, creating realistic plots, and writing a poem, short story, or short play in a format suitable for publication.

31650 ADVANCED CREATIVE WRITING (HLA & STEAM/IT) 1 Term .5 Credit
Prerequisites: successful completion of Creative Writing or teacher recommendation Grades 10 - 12
***HEAR, NCAA APPROVED**

This class is for the advanced, disciplined writer who wants to improve his or her skills and explore new genres. Students will create individual portfolios reflecting mastery of his/her writing goals. Each student will contract with the teacher to write an agreed number of pieces per term. Production of a literary magazine could live naturally in this course.

31850 **FOUNDATIONS OF DESIGN, MULTIMEDIA, ARTS, & DIGITAL COMM** 1 Term .5 Credit
Prerequisite: None Grades 10 – 12

Students are introduced to a variety of programs and occupations in the arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities. The course looks into the world of social media and its uses.

31710 **REPORTING A (Journalism)** (HLA & STEAM/IT) 1 Term .5 Credit
Prerequisites: None Grades 9 - 12

***NCAA APPROVED**

Students are introduced to the variety of programs and occupations in audio/video technology, and communications and media systems. Students will demonstrate an understanding of how to gather information that may be published in print or online media. Instruction will be paired with hands-on lab experiences in community reporting, both verbal and visual.

31720 **REPORTING B (Journalism)** (HLA & STEAM/IT) 1 Term .5 Credit
Prerequisites: Reporting A Grades 9 - 12

***NCAA APPROVED**

Students are introduced to the variety of programs and occupations in audio/video technology, and communications and media systems. Students will demonstrate an understanding of how to gather information that may be published in print or online media. Instruction will be paired with hands-on lab experiences in community reporting, both verbal and visual.

31855 (A), 31856 (B) **PRINT MEDIA 1 & II (Newspaper)** (HLA & STEAM/IT) 2 Terms .5 Credit Each
Prerequisites: Reporting, Photography, and/or teacher recommendation Grades 10 - 12
Computer skills recommended

Students demonstrate their understanding of a variety of programs and occupations in print media using digital tools that are widely available in professional publication work. Focus is on producing content for reader-oriented publications. Instruction will be paired with hands-on lab experiences in community reporting, both verbal and visual.

31857 (C), 31858 (D) **ONLINE MEDIA I & II (Adv Newspaper)** (HLA & STEAM/IT) .5 Credit /term
Prerequisites: Print Media 1 & II Grades 11 - 12

Students demonstrate their understanding of a variety of programs and occupations in online -- media using digital tools that are widely available in professional media work. Focus is on producing content for online consumer-oriented platforms. Instruction will Students demonstrate their understanding of a variety of programs and occupations in online media using digital tools that are widely available in professional media work. Focus is on producing content for online consumer-oriented platforms. Instruction will be paired with hands-on lab experiences in community reporting, both verbal and visual.

35663 (A), 35664 (B) **GRAPHIC DESIGN & ILLUSTRATION I (YEARBOOK)** 2 Terms 1 Credit
Prerequisite: Beginning Desktop Publication, Reporting, Photography, or Teacher Rec Grades 10 - 12

This entry level course is for training in the visual communication portion of all media businesses. Students learn about a career in the many kinds of media and graphic design and illustration jobs. Digital photography and working towards the intermediate level use of image editing and drawing programs are strongly focused upon in this class. This is helpful for any future photographer, videographer, animator or advertiser. Students will begin developing a high quality portfolio for college or design school.

35665 (A), 35666 (B) **GRAPHIC DESIGN & ILLUSTRATION II A & B (YEARBOOK)** 2 Terms 1 Credit
Prerequisite: Graphic Design & Illustration I Grades 11 - 12
Design portfolios are expanded upon and improved in this second year of Graphic Design and -- Illustration. There is study of college art and media programs. More time is spent learning advanced concepts in illustration and the advertising and media business as well as new software programs while continuing to hone skills in image editing and digital photography. Large format printing of projects is common in this class.

31870 **THEATER ARTS I** (STEAM/IT) 1 Term .5 Credit
Prerequisites: None Grades 9 - 12
In this course students experience a wide range of dramatic literature and explore theater traditions. Students will read, analyze and discuss dramatic selections and experiment with creating dramatic literature. Students will be exposed to all different forms and time periods of theatre. Students will also do a playwriting unit. Students also assist in construction of the current productions' set. This is not an acting course, but some acting may be required. ***Will fulfill .5 Fine Arts Elective credit if English elective already fulfilled**

31880 **THEATER ARTS II** (STEAM/IT) 1 Term .5 Credit
Prerequisites: Theater Arts I Grades 9 - 12
This course is for students wanting to expand their knowledge of theater arts. The students will compare and contrast scripts and performances from all around the world to understand the impact these performances have in an artistic and historical context. Students may be requested to attend a show outside of class time. The course can be used to meet the Fine Arts graduation requirement. ***Will fulfill .5 Fine Arts Elective credit if English elective already fulfilled**

31910 **ADVANCED ACTING** (STEAM/IT) 1 Term .5 Credit
Prerequisites: Theater Arts I Grades 9 - 12
This course builds upon the foundations set down in Beginning Acting. This course provides many opportunities for actors to hone their acting skills. Advanced Acting students will be expected to perform longer scenes in workshop sessions, and may be called upon to demonstrate their techniques for newer students. ***Will fulfill .5 Fine Arts Elective credit if English elective already fulfilled**

31920 **PLAY PRODUCTION 1 (Technical Theatre 1)** (STEAM/IT) 1 Term .5 Credit
Prerequisites: None Grades 9 - 12
In this "hands-on" course students are introduced to the many aspects of theatrical production by designing and building the sets for the drama club plays. Activities also include reading and writing scripts, designing and producing settings and costumes, and analyzing characters. Students explore the interrelationships of script, performance and staging with an emphasis on the organization and teamwork needed to produce successful, quality productions. This course can qualify as an English elective credit, as a general elective credit, or fine art credit. **The Class Fee is \$10.00.**

31921 **ADV PLAY PRODUCTION (Technical Theatre 2)** (STEAM/IT) 1 Term .5 Credit
Prerequisites: Play Production or Teacher Recommendation Grades 9 - 12
Advanced Play Production is intended for the student who has successfully completed Beginning Play Production and wishes to continue to explore and improve the skills he or she has learned in Beginning Play Production. The student will be expected to work at a higher level of competency than the beginning student and will be assigned a section of the set and a group of students to direct to complete the set. This course can qualify as an English elective credit, as a general elective credit, or fine art credit. This class does not meet the NCAA English requirement. **The Class Fee is \$10**

31203 (A) 31204 (B) **AP Seminar**

2 Terms .5 Credit Each

Prerequisites: Recommendation of a teacher or counselor

Grades 10 - 12

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

31206 (A) 31207 (B) **AP Research**

2 Terms .5 Credit Each

Prerequisites: AP Seminar A&B with a C or higher

Grades 10 - 12

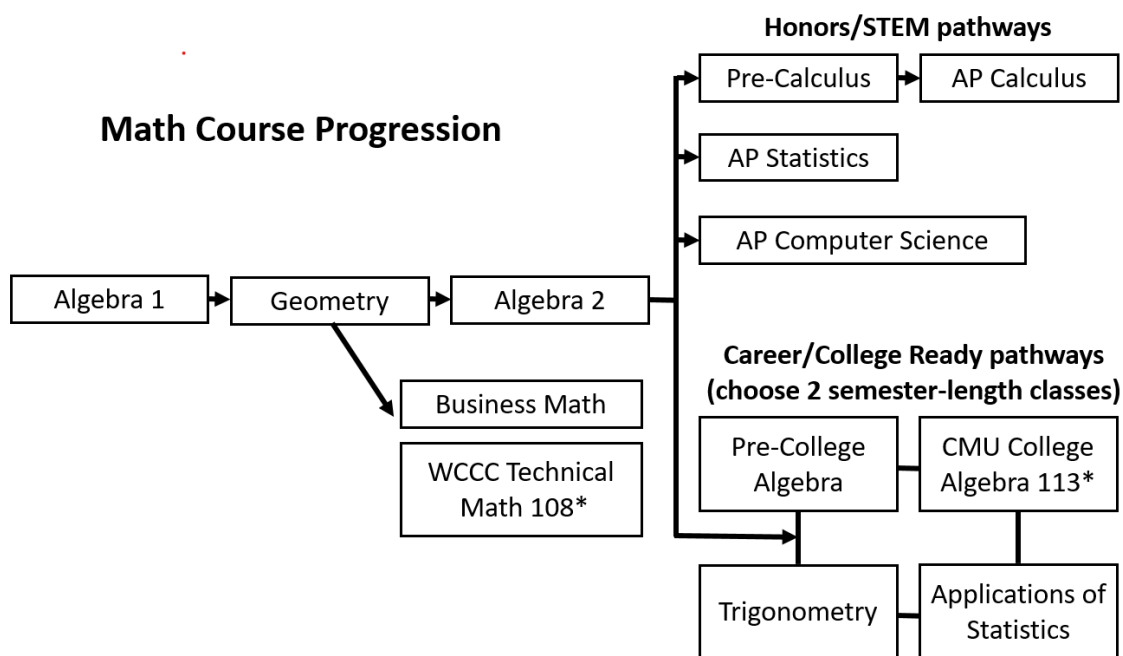
AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information.

MATHEMATICS

At GJHS, students must take three credits of mathematics in order to graduate. College-bound students are required to take four credits of mathematics to be accepted into a 4-year Colorado state college or university. The four credits will come from the Algebra 1, Geometry, and Algebra 2 courses, as well as one year-long or two semester-long upper level math classes.

The following courses are the options for students, broken down by grade level and by time offerings. There are two time options for Algebra 1, Geometry, and Algebra 2. The first time offering is a regular, year-long 45 minute course. This format is designed for all students at all levels. The second offering is an accelerated, semester-long 90 minute block course. It is designed for highly-motivated students wishing to earn more than four credits in math during high school. These accelerated courses move twice as fast through material and have twice as much work as the regular course. If students want to take AP Calculus, they will need to accelerate their learning to complete Pre-Calculus by the end of their junior year.

The pathway for math classes is shown below. All students must take Algebra 1, Geometry, and Algebra 2. After Algebra 2, students should enroll in upper level math courses aligned to their college and career goals. Students are highly encouraged to take math through their Senior year. Math credits can also be earned through Accounting, Personal Finance, and Career Center, and WCCC programs.



*concurrent enrollment courses counting toward P-TECH requirements

32061 (A), 32062 (B) **ALGEBRA 1 (45 minutes for whole year)** 2 Terms .5 Credit Each
32051 (A), 3205 (B) **HON ALGEBRA 1 BLK (90 minutes for 1 semester)** Grades 9 - 12
Prerequisite: None

***HEAR, NCAA APPROVED**

Algebra 1 is a year-long mathematics course where learners explore concepts that develop an understanding of mathematical relationships, functions, and models, both in and out of context, with an emphasis on problem solving. In the exploration of concepts, symbols are used in place of numbers to describe and generalize patterns and relationships. Learners utilize conceptual understanding, skills, multiple representations, and strategies that address linear functions, linear systems of equations, exponential functions, and use statistical models to analyze relationships represented by data, and apply these concepts in real world situations. The TI-84 Plus calculator is required for this course.

NOTE: Algebra 1 BLK is designed for the accelerated student interested in taking AP Calculus senior year. It is only offered in the fall semester, and students must also sign up for the Geometry Block spring semester. It is the exact same course as Algebra 1, but with the same number of minutes of instruction completed in one semester instead of two. It will have twice as much material to learn daily and is not recommended for students who struggle with time in math classes or heavy workloads.

32215 (A), 32216 (B) **ALGEBRA 1 LAB** 1-2 Terms .5 Credit Elective Each
Prerequisite: Teacher Recommendation Grades 9 - 12

The Math Lab is a teacher recommended intervention connected to the Algebra 1 course. The course is designed to provide extra support for students in Algebra 1. Math faculty assist students by helping them keep up in the current course and catch up on math skills that may not have been previously mastered. No additional outside work is assigned in these classes.

32081 (A) 32082 (B) **GEOMETRY (45 minutes for whole year)** 2 Terms .5 Credit Each
32075 (A) 32076 (B) **HON GEOMETRY BLK (90 minutes for 1 semester)** Grades 9 - 12
Prerequisite: C or better in Algebra 1

***HEAR, NCAA APPROVED**

Geometry 1 is a year-long course in which learners engage with concepts at a typical pace over the course of a school year. Geometry is a branch of mathematics that uses logic and formal thinking to establish mathematical relationships between points, lines, triangles, transformations, and quadrilaterals. Learners engage in Euclidean and analytical geometry by using lines, angles, polygons, and planes with emphasis on systematic approaches to and processes for proving and applying theorems. Students will explore rigid and nonrigid transformations of figures in the coordinate plane and use them to establish congruence theorems. Algebraic thinking will be applied throughout the course. A TI-84 Plus graphing calculator is required for this class. NOTE: Geometry BLK is designed for the accelerated student interested in taking AP Calculus as an upperclassman. Students must sign up for a second block math class to take during the other semester. It is the exact same course as Geometry, but with the same number of minutes of instruction completed in one semester instead of two. It will have twice as much material to learn daily and is not recommended for students who struggle with time in math classes or heavy workloads.

32088 (A), 32089 (B) **GEOMETRY LAB** 1-2 Terms .5 Credit Elective Each
Prerequisite: Teacher Recommendation Grades 10 - 12

The Math Lab is a teacher recommended intervention connected to the Geometry course. The course is designed to provide extra support for students in Geometry. Math faculty assist students by helping them keep up in the current course and catch up on math skills that may not have been previously mastered. No additional outside work is assigned in these classes.

32101 (A) 32102 (B) **ALGEBRA 2 (45 minutes for whole year)** 2 Terms .5 Credit Each
32106 (A) 32107 (B) **ALGEBRA 2 BLK (90 minutes for 1 semester)** Grades 9 - 12
Prerequisite: C or better in Algebra 1 and Geometry

***HEAR APPROVED**

Algebra 2 is a year-long course that is a branch of mathematics that uses symbols in place of numbers to describe and generalize patterns and relationships. Algebra 2 addresses math standards that build towards advanced algebraic topics, extending prior coursework and improving mathematical reasoning skills. Topics include the complex number system, the study of polynomial, rational, exponential, logarithmic, and radical function families with an increased emphasis on modeling, and systems of equations. In Algebra 2, students will perform operations and identify restrictions on rational expressions (expressions that contain rational numbers as coefficients). Algebra 2 will introduce the new concept of complex numbers while continuing the work of Algebra 1 and quadratics. Students will solve a variety of functions: linear and quadratic systems, rational, exponential and logarithmic. A TI-84 Plus graphing calculator is required for this class.

NOTE: Algebra 2 BLK is designed for the student interested in taking AP Calculus as an upperclassman. It is only offered spring semester, and students must also sign up for the Geometry Block fall semester. It is the exact same course as Algebra 2, but with the same number of minutes of instruction completed in one semester instead of two semesters. It will have twice as much material to learn daily and is not recommended for students who struggle with time in math classes or heavy workloads.

32104 (A), 32105 (B) **ALGEBRA 2 MATH LAB** 1-2 Terms .5 Credit Elective Each
Prerequisite: Teacher Recommendation and/or Self-Election Grades 11 - 12

The Math Lab is a teacher recommended intervention connected to Algebra 2. The course is designed to provide extra support for students in these courses. Math faculty assist students by helping them keep up in the current course. No additional outside work is assigned in these classes.

32161 (A) 32162 (B) **PRECALCULUS** 2 Terms .5 Credit Each
Prerequisite: C or better in Algebra 1, Geometry, and Algebra 2 Grades 10 - 12

***HEAR, NCAA APPROVED**

This is a rigorous course designed to prepare students for Calculus. It reviews and extends the major concepts of Algebra, Geometry, and Analytic Geometry while significantly involving the student in a study of Trigonometry. Topics include circular functions, trigonometric function, logarithmic functions, vectors and 3D-space, linear algebra, conic sections, complex numbers, series, mathematical induction, limits, and derivatives. A TI-84 Plus graphing calculator is required for this class.

32181 (A), 32182 (B) **ADVANCED PLACEMENT CALCULUS AB** 2 Terms .5 Credit Each
Prerequisite: C or better in Precalculus Grades 11 - 12

***HEAR, NCAA Approved**

AP Calculus AB and AP Calculus BC focus on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions. The courses feature a multi representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems.

32380 (A), 32381 (B) **ADVANCED MATH LAB** 1-2 Terms .5 Credit Elective
Each Prerequisite: Teacher Recommendation and/or Self-Election Grades 11 - 12

The Math Lab is a teacher recommended intervention connected to courses taken after Algebra 2, with an emphasis on Pre-Calculus and AP Calculus. The course is designed to provide extra support for students in these courses. Math faculty assist students by helping them keep up in the current course. No additional outside work is assigned in these classes.

32147 (A), 32148 (B) **ADVANCED PLACEMENT STATISTICS** 2 Terms .5 Credit Each
Prerequisite: C or better in Algebra 1, Geometry, and Algebra 2 Grades 10 - 12

***HEAR, NCAA Approved**

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. *May be taken in addition to a core math class in 10th or 11th grade, or by itself in 12th grade.*

35600 (A), 35601 (B) **ADVANCED PLACEMENT COMPUTER SCIENCE** 2 Terms .5 Credit Each
Prerequisite: Geometry Grades 10 - 12

The AP Computer Science course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. It includes the study of data structures, design, abstraction using Java language, and the responsible use of these systems. The course is equivalent to the first semester of a college-level course for students interested in pursuing a computer science career field. *May be taken in addition to a core math class in 10th or 11th grade, or by itself in 12th grade.*

32230 **BUSINESS MATH** 1 Term .5 Credit
Grades 11-12

This course is designed to assist students in learning to use math effectively as a tool in their lives as workers and consumers. Methods students can use to approach problem solving in a logical manner are emphasized. Realistic business situations including personnel, purchasing, marketing, accounting records, and corporate planning will be addressed. Concepts covered in prior core math classes will be applied to realistic business situations. Evaluation is based upon completion of in-class assignments, a moderate amount of homework, quizzes, unit exams, and cumulative projects.

32120 **TRIGONOMETRY** 1 Term .5 Credit
Prerequisite: Algebra 2A Grades 11-12

This course presents an analytic treatment of right triangle relationship and circular functions. Utilization of identities and graphs to solve problems, both practice and theoretical, are stressed. This course is especially recommended for students planning additional study in mathematics, engineering, or the physical sciences. A TI-84 Plus graphing calculator is required for this class. Note: students in Algebra 2 may enroll in this course concurrently with teacher approval to better prepare for Precalculus.

32150 **APPLICATIONS OF STATISTICS** 1 Term .5 Credit
Prerequisite: Algebra 2A Grades 11-12

This course will focus on the applications of statistics as students explore how statisticians contribute to our understanding of the world. Students will study effective ways to analyze data to develop their ability to evaluate real-world information for the purpose of decision making and becoming informed consumers of information. In this course, students will apply their statistical knowledge to gathering data and drawing conclusions based on statistical evidence. A TI-84 Plus graphing calculator is required for this class.

32125 **PRE-COLLEGE ALGEBRA** 1 Term .5 Credit
Prerequisite: Senior, Passed Geometry, SAT below 500, ACT below 19 Grades 12

Further study in topics of algebra. Includes properties of real and complex numbers; laws of exponents and radicals; factoring polynomials; solving linear and quadratic equations and inequalities; rational expressions and complex fractions; introduction to functions and relations; applications.

H0201 CMU MATH 113 COLLEGE ALGEBRA

1 Term .75 Credit – GJHS

1 Term 4 Credits -CMU

Prerequisite: Successful completion of Math 3, GPA of 3.0 or higher, and score of 19 on Math portion of the ACT, 500 on Math portion of SAT, or an equivalent ALEKS score

***HEAR, NCAA Approved**

This course is a college-level treatment of algebra. Topics include algebraic properties of the integers; rationals, real and complex numbers; techniques for manipulation of expressions; techniques for solving linear, non-linear, absolute value equations, and inequalities; techniques for solving systems of equations; the Cartesian plane, relations and functions; properties and graphs of polynomial, rational, exponential, logarithmic and inverse functions; and conic sections. A TI-84 Plus graphing calculator is required for this class. Students must purchase or rent a textbook for this class.

C0213 CMU MATH 110 MATHEMATICAL INVESTIGATIONS

1 Term .5 Credit - GJHS

1 Term 3 Credits - CMU

Prerequisite: Successful completion of Geometry or MATH 090

Grades 11 - 12

***HEAR, NCAA Approved**

Investigations into mathematical concepts approached through the lens of real-world applications and projects. Specific content includes problem solving, mathematical models, financial mathematics, set theory, logic, probability, description statistics, and the appropriate use of technology. *This course is reserved for students in the P-TECH program.*

H0205 CMU MATH 108 TECHNICAL MATHEMATICS

1 Term .75 Credit - GJHS

1 Term 4 Credits - CMU

Prerequisite: Successful completion of Algebra I

Grades 11 - 12

***HEAR, NCAA Approved**

Covers material designed for career technical or general studies students who need to study particular mathematical topics. Topics may include measurement, algebra, geometry, trigonometry, graphs, and/or finance. These are presented on an introductory level and emphasis is on applications. *This course is reserved for students in the P-TECH program.*

PERFORMING ARTS

These courses meet the .5 credit Fine Arts requirement. These courses all fall under the STEM, Arts, Design, & Information Technology Career Cluster.

38568 (A) 38569 (B) **WOMEN'S CHORUS** 1-2 Semesters .5 Credit Each
Prerequisite: None Grades 9 - 12
Beginning women's choir is for all women who wish to sing in a choir and learn about vocal music. Students will sing a variety of choral literature and learn basic music theory. As this is a performance-based class, all performances are mandatory, and carry a significant weight in the students' grades. No audition necessary. **A \$15 participation fee is required, and members need to purchase components of their concert attire.**

38591 (A) 38592 (B) **MIXED CHORUS** 2 Semesters .5 Credit Each
Prerequisite: Audition required Grades 9 - 12
Mixed choir is for men and women who have demonstrated an intermediate level of vocal skill and musical proficiency, as well as a desire to grow in these areas. Students will sing a variety of choral literature and learn basic music theory. As this is a performance-based class, all performances are mandatory and carry significant weight in the students' grades. A participation fee is required, and members need to purchase components of their concert attire. Audition necessary in the spring of the previous school year unless special circumstances prevail. Juniors and seniors taking this course may be eligible for All-State Choir. **A \$15 participation fee is required, and members need to purchase components of their concert attire.**

38572 (A) 38573 (B) **ADVANCED WOMEN'S CHORUS** 2 Semester .5 Credit Each
Prerequisite: Audition Grades 9 - 12
Advanced women's ensemble is a select group for women who have demonstrated an advanced level of vocal skill, musical proficiency, and a desire for excellence. Students will sing a variety of choral literature and learn more advanced music theory. As this is a performance-based class, all performances are mandatory, and carry a significant weight in the students' grades. Additional performances may be scheduled for this ensemble throughout the school year. Students in this ensemble are also required to hold weekly sectionals during lunch or after school. Audition necessary in spring of previous school year. **A \$15 participation fee is required, and members need to purchase components of their concert attire.**

38688 (A) 38689 (B) **WESTWINDS** 2 Semesters .5 Credit Each
Prerequisite: Audition Grades 10 – 12
Westwinds is an elite jazz choir for men and women who have demonstrated an advanced level of vocal skill, jazz proficiency, and a desire for excellence. Students will sing various styles of jazz, both as an ensemble and a soloist, and learn about chord progressions and improvisation. As this is a performance-based class, all performances are mandatory, and carry a significant weight in the students' grades. Additional performances will be scheduled for this ensemble throughout the school year. Students in this ensemble are also required to hold weekly sectionals during lunch or after school. Audition necessary in spring of previous school year. **A \$15 participation fee is required, and members need to purchase components of their concert attire.**

38600 (A), 38610 (B) **SELECT CHORUS- "Chamber Choir"** 2 Semesters .5 Credit Each
Prerequisite: Audition Grades 9 - 12
Chamber choir is a select group for men and women who have demonstrated an advanced level of vocal skill, musical proficiency, and a desire for excellence. Students will sing a variety of choral literature and learn more advanced music theory. As this is a performance-based class, all performances are mandatory, and carry a significant weight in the students' grades. Additional performances may be scheduled for this ensemble throughout the school year. Students in this ensemble are also required to

hold weekly sectionals during lunch or after school. Audition necessary in spring of previous school year. **A \$15 participation fee is required, and members need to purchase components of their concert attire.**

38581 (A), 38582 (B) **MEN'S CHORUS**

2 Semesters .5 Credit Each

Prerequisite: None

Grades 9 - 12

This choir is for lower range voices only. Participants need to audition for, or be invited to be a part of this group by the director. Students will learn various skills to develop and improve their musicianship including vocal technique, how to read music, and the basics of music theory and history. This choir performs four required concerts per year. Students are provided other performance opportunities such as Solo/Ensemble contests and various state and regional honor groups. This choir performs at contests and festivals. Grades are based on rehearsal attendance, participation and music reading progress as well as written and performance-based assessments. Members will need to rent concert attire. Juniors and seniors taking this course may be eligible for All-State Choir. **A \$15 participation fee is required, and members need to purchase components of their concert attire.**

38829 (A), 38835 (B) **SYMPHONIC BAND**

2 Semester .5 Credit Each

Grades 9 - 12

Prerequisite: Audition; prior Experience in Concert Band; ability to read music and must be proficient on a Wind or Percussion Instrument; permission of director

This course is designed to further the students' knowledge and skill levels acquired in previous band experiences. Strong emphasis will be placed on the development of individual skills. Further, this class will focus on the fundamental knowledge of music theory and music history necessary for individual development as a musician. Rehearsals, performances, and travel outside of class will be a part of this course and are required as part of the grade. This band performs at concerts and festivals. Private lessons are strongly encouraged for this ensemble. **The Class Fee is \$15.00**

38871 (A), 38872 (B) **WIND ENSEMBLE**

2 Semesters 1 Credit

Grades 10 - 12

Prerequisite: Audition; prior experience in Concert Band and/or Symphonic Band; ability to read music and proficient on a Wind or Percussion Instrument; permission of director.

This class is a one per part advanced ensemble open by audition to all band students. This class will also form the Pit Orchestra for the spring musical and the Full Orchestra. Auditions for this group are held in April and follow the guidelines for All-State Concert Band and BOTWSB. Private lessons are strongly encouraged for this ensemble. **The Class Fee is \$15.00**

38810 **MARCHING BAND**

1 Semester .5 Credit

Grades 9 - 12

Prerequisite: Prior Experience in reading music and playing an instrument. Color Guard and Percussion by audition only.

Marching Band membership is composed of winds, percussion, and color guard. The marching band is open to all students; prior marching experience is not needed. Wind players must have prior band experience. All members of the marching band wind section, and color guard must enroll for this class during the fall term. This band performs for local parades, civic functions, football games, competitions, and pep rallies. Participation in festivals and some travel will be a part of this class. Major emphasis in this class is on the preparation of performances. Attendance at rehearsals and public performances outside of class time are part of this commitment and as such are required as part of the grade. This class may meet after school. A schedule will be provided. This class required a uniform cleaning fee. Three consecutive years of marching band can be used to fulfill the ½ credit PE graduation requirement. Forms may be found in the counseling center, band room or on the band webpage. **The Class Fee is \$30.00**

Color Guard and Percussion are by audition only. Clinics and tryouts are held in the spring of the previous year, so if you are interested in either section, please watch for clinic announcements.

38850 PERCUSSION ENSEMBLE

1 Semesters .5 Credit

Prerequisite: Permission of director; informal audition with the Director.

Grades 9 - 12

The GJHS Drumline serves as the percussion section for the Tiger Pride Marching Band. The Drumline serves as the percussion section for the Marching Band. The drumline has a class of its own to focus on technique specific to the marching percussion idiom during 1st semester. Drumline is by audition only, but anyone can sign up for Percussion Ensemble which takes place 2nd semester. Placement on instruments is based upon an audition as well as the student's attitude, work ethic, and what best fits the ensemble. Students will perform on their instruments with correct technique in and outside of an ensemble. Students must own their own sticks, mallets, and drum pad.

The Class Fee is \$30.00**38876 JAZZ BAND A**

1 Semester .5 Credit

Grades 9 - 12

Prerequisite: Middle school director recommendation; successful completion of Concert Band; informal audition with the HS Director.

The jazz program functions as an enrichment experience for those students desiring to further their knowledge of music. It is not a replacement for the other band's experiences. Emphasis is on literature, styles, history and theory as it applies to the "Big Band Jazz" idiom. Public performances, travel, festivals and rehearsals outside of class time may be part of this course and are required as part of the grade. Participation in Jazz Band also requires participation in one of the concert bands unless special permission from the director is granted. This Jazz Band is required for all incoming freshmen who want to play jazz.

The Class Fee is \$15.00. The Tie Fee is \$10.00**38881 (A), 38882 (B) JAZZ BAND IA/IB**

2 Semesters .5 Credit Each

Grades 10 - 12

Prerequisites: Audition; Membership in Concert Band, Symphonic Band, Wind Ensemble, or Marching Band; Permission from Teacher

The jazz program functions as an enrichment experience for those students desiring to further their knowledge of music. It is not a replacement for the other band's experiences. Emphasis is on literature, styles, history and theory as it applies to the "Big Band Jazz" idiom. Public performances, travel, festivals and rehearsals outside of class time may be part of this course and are required as part of the grade. Participation in Jazz Band also requires participation in one of the concert bands unless special permission from the director is granted. Jazz Band I is made up of sophomores, juniors and seniors.

The Class Fee is \$15.00. The Tie Fee is \$10.00.**38900 (A) 38901 (B) JAZZ IIA/IIB**

2 Semesters .5 Credit Each

Grades 11 - 12

Prerequisites: Audition; membership in Concert Band, Symphonic Band, Wind Ensemble or Marching Band both semesters; Permission of Director

This course is designed for students either new to the Jazz idiom or to prepare them for Jazz Band I. The jazz program functions as an enrichment experience for those students desiring to further their knowledge of music. It is not a replacement for the other band's experiences. The emphasis is on literature, styles, history, and theory as it applies to the "Big Band Jazz" idiom. Public performances, travel, festivals and rehearsals outside of class time are a big part of this course and are required as part of the grade. Participation in Jazz Band also requires participation in one of the concert bands unless special permission from the director is granted. z II A/B is a one per part advanced ensemble open by audition to all students who play an appropriate instrument for jazz. Freshmen that play in Jazz II **DO NOT** have to play in Freshmen Jazz Band. This ensemble is highly competitive to get into and requires membership in a concert band or other instrumental group at GJHS. This band plays at many local events and jazz festivals throughout the entire year. Auditions for Jazz I and II are held during the last month of school and follow the guidelines for All-State Jazz Band and WSCBA Honor Jazz Band.

The Class Fee is \$15.00. The Tie Fee is \$10.00.

38520 MUSIC THEORY

1 Semester .5 Credits

Grades 10 - 12

Although a background in music is recommended, this class is open to all students. Music Theory is designed to be an advanced course in music fundamentals of notation, scale construction, chord construction, rhythmic understanding, analysis of music and compositional techniques. Ear training is also included in this course. Freshmen are allowed to take this course, however, preference will be given to upperclassmen, especially those studying music in college.

It is highly recommended that the student enroll in a performance class at Grand Junction High School (band, choir, orchestra) in order to apply concepts covered. Class is a semester long and students will be eligible to take the AP Music Theory Exam at the end of the year. There is no AP credit given, however, since it is not an AP class.

38941 (A) 38942 (B) CONCERT ORCHESTRA

2 Semesters .5 Credit Each

Prerequisite: Prior Experience in Orchestra or Permission of Teacher

Grades 9 - 10

This course is open to all string players (violin, viola, cello, and string bass) by permission of the director. This course is designed to develop string-playing techniques and develop individual student's musicianship, which is needed to be a member of the Orchestra. Emphasis in this class will be placed on string orchestra ensemble playing. Performances outside of class are part of this course and attendance is required as part of the grade. Members will need to purchase or rent concert attire. Full year participation is encouraged. NOTE: Because of its historical significance, sacred and/or patriotic music is occasionally performed in this class. Members electing not to participate in works of this nature will be required to complete alternative assignments as determined by the director. **The Class Fee is \$15.00**

38951 (A), 38952 (B) SYMPHONY ORCHESTRA

2 Semesters .5 Credit Each

Prerequisite: Successful Completion of Concert Orchestra

Grades 10 - 12

Proficiency in All One Octave Major and Minor Scales, and a Skill-based Audition

This course is designed to further the students' knowledge and skill levels acquired in previous orchestra experiences. Strong emphasis will be placed on the development of individual skills. Further, this class will focus on the fundamental knowledge of music theory and music history necessary for individual development as a musician. rehearsals, performances, and travel outside of class will be a part of this course and are required as part of the grade. This ensemble performs at concerts and festivals.

The Class Fee is \$15.00

PHYSICAL EDUCATION

Graduation requirements include one (1) physical education credit. Successful completion of each course offered earns you a .5 credit. A T-shirt, shorts/sweats, and tennis shoes are mandatory for all P.E. classes which require a student to dress out. Students are limited to two P.E. classes per semester unless teacher approval is provided. *These classes all fall under the Hospitality, Human Services, and Education Career Cluster.*

*You may request that .5 credit of physical education be waived if one of the following conditions has been met and documentation is provided to your counselor:

1. Successful completion of three seasons of marching band *or*
2. Successful completion of three seasons of the same extracurricular sport.

You may not waive the .5 credit of Personal Fitness and Wellness.

36001 (A), 36002 (B) **UNIFIED/INCLUSIVE PE** 1 Term .5 Credit
Prerequisites: Application must be filled out prior to acceptance into this class Grades 10 - 12
This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness and sport. Students will work together to increase competence and confidence in a variety of physical activities.

36600 **WEIGHTS** 1 Term .5 Credit
Prerequisites: .5 credit of regular P.E. and Teacher/Coach Approval Grades 9 - 12
This course is designed to introduce students to an opportunity to participate in weight training and fitness training and to give students a better understanding of muscular strength, muscular endurance, cardiovascular endurance, speed and agility. Topics include weekly weight-training programs, fitness training, speed and agility training, and learning about anatomical make-up (muscles and bones). The evaluation will be based on daily participation in weight training/fitness training program, daily dress (t-shirt, shorts/sweats, and tennis shoes), and examinations on muscles and bones in relation to lifting.
The Class Fee is \$5.00

36060 **FITNESS ACTIVITY (Walking Class)** 1 Term .5 Credit
Prerequisites: None Grades 9 - 12
Students will improve their fitness through walking.

36120 **RACQUETS** 1 Term .5 Credit
Prerequisites: None
This course will introduce pickleball, tennis, table tennis, badminton, eclipse-ball, and other racquet sports. Assessment over skill development, rules, and terminology will be emphasized.
The Class Fee is \$5.00

36300 **TEAM SPORTS** 1 Term .5 Credit
Prerequisites: None Grades 9 - 12
Students will be actively engaged in a variety of team-oriented sports. Such sports may include but are not limited to basketball, volleyball, flag football, soccer, lacrosse, softball, etc. **The Class Fee is \$5.00**

36780 **PERSONAL FITNESS AND WELLNESS** 1 Term .5 Credit
Prerequisites: Successful Completion of .5 Physical Education Credit Grades 10 - 12
The purpose of this activity-based course is to (a) enable students to extend and apply their knowledge of the five fitness components: cardiovascular fitness, muscular strength, muscular endurance, flexibility and body composition; (b) design, implement, and evaluate a personal fitness program; and (c) understand the influence of lifestyle choices on health and fitness.
The Class Fee is \$5.00

36641 (A), 36642 (B) **ATHLETIC WEIGHT TRAINING (Football Team Weights)** 1 Term .5 Credit

Prerequisites: Must be on a GJHS Athletic team or previously taken and passed weights

First Semester Grades 10-12

Second Semester Grades 9 - 12

This course is designed for student-athletes. It gives student-athletes an opportunity to continue their weight training and fitness training during their sports season and during the off-season. The goal is to continue developing and increasing muscular strength, muscular endurance, cardiovascular endurance, speed and agility. Topics include: weekly weight training program, fitness training, speed and agility training, and learning about anatomical make-up (muscles and bones). Evaluation will be based on daily participation in weight training, fitness and conditioning training, and daily dress (T-shirt, shorts, sweats, and tennis shoes).

The Class Fee is \$5.00

SCIENCE

The science courses fall into the STEM, Arts, and Design & Information Technology Career Cluster. AP Biology and CMU Human Anatomy also fall in the Health Science, Criminal Justice, & Public Safety area.

33191 (A), 33192 (B) **ENVIRONMENTAL SCIENCE** 2 Terms .5 Credit Each
Prerequisites: None Grades 9 - 12
Environmental science is an interdisciplinary, laboratory-based course with the foundation in earth science and thematic connections between multiple disciplines, including life science, physical science, mathematics, and language arts. The course is designed for students to investigate a variety of scientific concepts as they manifest in our environment and connect them with issues of local and/or global significance. Students will engage in science practices such as questioning, designing experiments to gather evidence, solving problems, developing models, and communicating scientific phenomena.
The Class Fee is \$15.00

33120 (A), 33130 (B) **BIOLOGY** 2 Terms .5 Credit Each
Prerequisites: Environmental Science Grades 9 - 12
***HEAR, NCAA APPROVED**
In this course, students explore the structure, function, interactions, evolution, and diversity of living organisms and their underlying processes. Through class discussions and investigations, students develop an understanding of the complex nature of biological systems. Emphasis is given to the development of laboratory skills and application of biological understanding and critical thinking skills to environmental and societal problems.
The Class fee is \$15.00

33141 (A), 33142 (B) **HONORS BIOLOGY** 2 Terms .5 Credit Each
Prerequisites: Environmental with a Grade of "B" or Higher, or Grade 9 - 12
Teacher Recommendation
***HEAR, NCAA APPROVED**
Honors Biology prepares students for AP and IB Biology. Students study the structures, functions, and processes of living organisms and their interactions with the environment. Major themes include cell structure and specialization, energy and chemistry of life, genetics and evolution, diversity of life, and ecology.
The Class Fee is \$15.00

33181 (A), 33182 (B), 33183 (C) **ADVANCED PLACEMENT BIOLOGY** 3 Terms .5 Credit Each
Prerequisite: Environmental Science, Biology or Honors Biology, and Chemistry Grades 10 - 12
Strongly Recommended C or higher in Biology.
***HEAR, NCAA APPROVED**
AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore core scientific principles, theories, and processes that govern living organisms and biological systems, including evolution, cellular and energy processes, communication, genetics, information transfer, and ecological interactions.
The Class Fee is \$15.00

33160 (A), 33161 (B) **ZOOLOGY** 2 Terms .5 Credit Each
Prerequisites: Biology or Honors Biology (Grade of "C" or Higher Recommended) Grades 10 - 12
***HEAR, NCAA APPROVED**
Zoology is a survey of the animal kingdom with an analysis of systems relevant to their classification. The intention is to help students appreciate a variety of life forms and their unique and similar characteristics. It is intended for the student with a love of animals and a desire to expand knowledge of animal diversity. Dissection is an integral part of this course.
The Class Fee is \$15.00

33196 (A) 33197 (B) 33198 (C) **ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**

Prerequisite: Environmental Science, Biology; 3 Terms .5 Credit Each
Chemistry is strongly recommended; 9th Graders need a recommendation Grades 10 - 12
from a previous science teacher & need to be concurrently enrolled in biology

***HEAR, NCAA APPROVED**

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. **The Class Fee is \$15.00**

33311 (A), 33312 (B) **CHEMISTRY IN THE COMMUNITY**

Prerequisites: Biology and Algebra 1 2 Terms .5 Credit Each
Grades 10 - 12

***HEAR, NCAA APPROVED**

Chemistry in the Community explores chemistry concepts through the lens of societal issues. Units use real-world examples to expose students to concepts in materials science, environmental chemistry, organic chemistry, biochemistry, and industrial chemistry. Emphasis is placed on refining laboratory skills.

The Class Fee is \$15.00

33321 (A), 33322 (B) **CHEMISTRY**

Prerequisites: Biology & Completion of Algebra 1 2 Terms .5 Credit Each
Grades 10 - 12

***HEAR, NCAA APPROVED**

Chemistry is an inquiry-based course that examines matter and the changes it undergoes. Students engage in investigations to explore chemical bonding, atomic structure, chemical equations, and fundamental laws and theories. The course provides a deeper understanding of the scientific processes that go on around us and the interconnections among the sciences, technology, society, and the environment.

The Class Fee is \$15.00

33331 (A), 33332 (B), 33333 (C) **ADVANCED PLACEMENT CHEMISTRY**

Prerequisites: Chemistry (Grade of "C" or Higher is Recommended) 3 Terms .5 Credit Each
Chemistry Teacher Recommendation (Pre-calculus is also recommended) Grades 10 - 12

***HEAR, NCAA APPROVED**

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

The Class Fee is \$15.00

33401 (A) 33402 (B) **PHYSICS**

Prerequisites: Geometry; Environmental Science 2 Terms .5 Credit Each
Grades 10 - 12

***HEAR, NCAA APPROVED**

This course guides students in developing understanding of basic physics principles and enhances their ability to connect these principles with real life applications. Data collection, graphing, analysis, modeling, and problem solving are applied to a variety of topics such as motion, forces, energy, waves, electricity, and magnetism. Physics is a fundamental science discipline that is a foundation of all other sciences.

The Class Fee is \$15.00

33405 (A) 33406 (B) 33407 (C) **ADVANCED PLACEMENT PHYSICS**

Prerequisites: Algebra 2; Teacher recommendation 3 Terms .5 Credit Each
Grades 10 - 12

***HEAR, NCAA APPROVED**

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound.

The Class Fee is \$15.00

33427 (A) 33428 (B) **ADVANCED PLACEMENT PHYSICS 2** 2 Terms .5 Credit Each
Prerequisites: Algebra 2; Physics or AP Physics; teacher recommendation Grades
11 - 12 ***HEAR APPROVED**

Units of study are 1. Electrostatics 2. Circuits 3. Magnetism 4. Fluids 5. Thermodynamics 6. Optics (lenses and mirrors) 7. Nuclear Physics. This class is a great follow up to AP physics 1 or regular physics and will reveal an even wider view of everyday life situations. This class is a must for future engineers, science majors, and anyone interested in physics. **The Class Fee is \$15.00**

33413 (A) 33414 (B) **ASTRONOMY** 2 Terms 1 Credit
Prerequisites: C or better in Environmental Science; Geometry Grades 10 - 12
***HEAR, NCAA APPROVED**

This course is an introduction to the study of stars, galaxies, and cosmology. It includes the nature of light and matter, telescopes, spectroscopy, stellar formation, and evolution of galaxies. Students have multiple opportunities to use several types of telescopes and participate in online activities sponsored by NASA and/or other aerospace organizations.

H0310 **CMU HS GEOL 111** 1 Term .5 Credit
Grades 10-12

This course is an introduction to geologic environments and how humans interact with them to their mutual benefit and detriment. The course will examine earth materials including minerals, rocks, and soil, discuss natural hazards and resources, and investigate environmental aspects of energy production and consumption as well as global climate change. These topics include: 1) Earth Materials, 2) Natural Hazards, and 3) Natural Resources and 4) Human Impacts on the Environment. The main student learning outcome for this course is to increase student understanding and awareness of the importance of geology in our society. While previous coursework in earth science is helpful, none is required for this course. Upon successful completion of the course, students receive 3 college credits. Can count toward General Science credit requirements.

H0311 **CMU HS GEOL 111L** 1 Term .5 Credit
Grades 10-12

This course is a laboratory component of the Geology 111 Principles of Physical Geology course. It is an introduction to geologic -- environments and how humans interact with them to their mutual benefit and detriment. The laboratory will examine earth materials including minerals, rocks, and soil, discuss natural hazards and resources, and investigate environmental aspects of energy production and consumption as well as global climate change. These topics include earth materials, natural hazards, natural resources and human impacts on the environment. The main student learning outcome for this course is to increase student understanding and awareness of the importance of geology in our society. While previous coursework in earth science is helpful, none is required for this course.

H0312 **CMU HS GEOL 112** 1 Term .5 Credit
Grades 10-12

This course describes the evolution of planet Earth and its life through time. Students will explore basic geologic principles and techniques as well as how scientists apply these methods to unravel the Earth's history. The course discusses both the geological and biological history of Earth as a continuum of interrelated events and processes that have shaped and continue to shape our planet. The major themes of time, evolutionary theory, and plate tectonics are woven together throughout the semester.

H0313 **CMU HS GEOL 112L** 1 Term .5 Credit
Grades 10-12

This course accompanies the GEOL 112 Principles of Historical Geology course in describing the evolution of planet Earth and its life through time. Students will explore basic geologic principles and

techniques as well as how scientists apply these methods to unravel the Earth's history. The laboratory explores both the geological and biological history of Earth as a continuum of interrelated events and processes that have shaped and continue to shape our planet. The major themes of time, evolutionary theory, and plate tectonics are woven together throughout the semester.

H0420 **BIOL 209 CMU HUMAN ANATOMY & PHYSIOLOGY I (1st Semester)** 1 Term, .5 Credit - GJHS
1 Term, 3 Credits - CMU

H0462 **BIOL 209L CMU HUMAN ANAT & PHYSIOLOGY I LAB (1st Semester)** 1 Term, .5 Credit - GJHS
1 Term, 1 Credit – CMU

H0461 **BIOL 210 CMU HUMAN ANATOMY & PHYSIOLOGY II (2nd Semester)** 1 Term, .5 Credit - GJHS
1 Term, 3 Credits - CMU

H0463 **BIOL 210L CMU HUMAN ANAT & PHYSIOLOGY II LAB (2nd Semester)** 1 Term, .5 Credit -GJHS
Grades 10 - 12

Prerequisites: Biology (Grade of “B” or Higher Recommended) & the High School Scholar Requirements
***HEAR, NCAA APPROVED**

Study of the form and function of several major systems of the human body. For students with an interest in pre-med, nursing, human health, and biology. A background in general biology is recommended. Three lectures and two one and one-half hour laboratories per week.

The Class Fee is \$70.00

SOCIAL STUDIES

Please go to <http://gjhssocialstudies.weebly.com/> for more information and recommendations (link to website also available on GJHS home webpage.)

Graduation requirements include three (3) Social Studies credits. The Standards-Based Social Studies Program is outlined below:

Freshmen:	<i>Global Studies, Honors Global Studies or AP Human Geography</i>	<i>1.0 credit</i>
Sophomores:	<i>Elective Course(s)</i>	<i>.5 credit</i>
Juniors:	<i>US History or AP US History</i>	<i>1.0 credit</i>
Seniors:	<i>American Government, CMU American Government or AP American Government and/or AP Comparative Politics</i>	<i>.5 credit</i>
Social Studies Electives:	<i>see website or list below for course options</i>	<i>.5 credit</i>

Advanced:	AP Psychology, AP Economics, AP World History, and AP European History
Historical:	Ancient World History, Middle Ages World History, Early Modern World History, 20 th Century World History, and Colorado History
Social:	International Forum I/II, Comparative Religions, Sociology, Psychology, *Economics
Political:	Law Related Education, Teen Court
	*Courses in the above four categories meet Social Studies and general elective requirements, and a student does not have to stay with one topic.
	*Economics fulfills the Financial Literacy credit and a social studies elective credit.

34010 (A) 34020 (B) **GLOBAL STUDIES**

2 Terms .5 Credit Each
Grades 9-12

*HEAR & NCAA APPROVED

The study of history, geography, economics, and civics is the study of humanity, of people and events that have individually and collectively shaped our nation and the world. A strong and effective social studies program helps students make sense of the world in which they live and helps them see themselves as active members of a global community. Global studies is designed to help students understand the interconnectedness of the world. Students will investigate the world and develop the knowledge and skills in history, geography, civics, and economics. Each unit has an emphasis in a particular standard, but all four standards should be taught throughout the year equally. The course provides students with the opportunity to explore various regions and cultures. In addition, the course enables students to investigate issues and themes from multiple perspectives using a variety of primary and secondary sources that lead to in-depth understanding. As students explore the four social studies standards, they will have multiple opportunities to explore the content and skills of the social science disciplines.

34031 (A), 34032 (B) **HONORS GLOBAL STUDIES**
Strongly recommended at Grade 9

2 Terms .5 Credit Each
Grades 9 - 12

*HEAR, NCAA APPROVED

Honors Geography is an opportunity for freshmen to gain valuable skills and study habits for future challenging classes. **The pace of this class is intense.** Students considering Honors Global Studies should think about the following: 1) Students have nightly 1 hour homework assignments. 2) Unit Testing includes memory mapping, essay tests and objective tests, 3) On-time attendance is crucial, and 4) Maturity, organization and a willingness to get positively involved in classroom activities are crucial to success.

34171 (A) 34172 (B) 34173 (C) **ADVANCED PLACEMENT HUMAN GEOGRAPHY**

2 Terms .5 Credit Each
Grades 9 - 12

Prerequisite: Proficient in Reading and Writing PARCC/NWEA

***HEAR, NCAA APPROVED**

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012)

34040 **LAW RELATED EDUCATION** (BMPA & HSCJPS)

1 Term .5 Credit
Grades 9 - 12

Strongly Recommended for Grades 9-10

***NCAA APPROVED**

Law-Related Education is a class designed to provide opportunities to develop an understanding of legal rights and responsibilities. Discussion of practical, everyday criminal and civil legal problems will accompany projects created to enhance abilities to analyze, evaluate, and resolve legal disputes.

34060 **WORLD HISTORY – ANCIENT** (HLA)

1 Term .5 Credit
Grades 10 -12

Prerequisites: None

***HEAR, NCAA APPROVED**

The purpose of this course is to study the development of societies that contributed to modern culture. topics of study will include the development of religious ideas, political systems, cultural values, artistic creativity, and technology. this course will cover the beginnings of man, ancient Egypt, Mesopotamia, India, China, and the civilizations of Greece and Rome.

34080 **WORLD HISTORY – MIDDLE AGES AND RENAISSANCE** (HLA)

1 Term .5 Credit
Grades 10 -12

Prerequisites: None

***HEAR, NCAA APPROVED**

Students will study the European medieval world through the Renaissance, including the Byzantine Empire and the rise of Islamic nations.

34100 **WORLD HISTORY – EARLY MODERN TIMES** (HLA)

1 Term .5 Credit
Grades 10 -12

Prerequisites: None

***HEAR, NCAA APPROVED**

This course is designed to give an overview of world history between the time of exploration to WWI. The purpose of this course is to study the development of world civilizations from the time of European exploration to the twentieth century. Topics will include Enlightenment, Imperialism, the American and European revolutions, Nationalism, and the Industrial Revolution.

34110 **WORLD HISTORY – TWENTIETH CENTURY** (HLA)

1 Term .5 Credit
Grades 10 -12

Prerequisite: None

***HEAR, NCAA APPROVED**

This course presents an overview of world history between the time of WWI and present day. Learners study the major events and issues of the twentieth century. Topics include the World Wars, economic and political movements such as Communism, and Fascism as social and political forces, the rise of Developing Nations, the Information Age, current events, and global issues.

34151 (A) 34152 (B) **ADVANCED PLACEMENT WORLD HISTORY** (HLA)

2 Terms .5 Credit Each
Grades 10 - 12

Prerequisite: Teacher Recommendation

***HEAR, NCAA APPROVED**

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and

change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

34135 (A) 34136 (B) **ADVANCED PLACEMENT EUROPEAN HISTORY** (HLA) 2 Terms .5 Credit Each
Prerequisite: Teacher Recommendation Grades 11 - 12

***HEAR, NCAA APPROVED**

In AP European History, students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians. The course also gives students six themes to explore throughout the course in order to make connections among historical developments in different times and places. According to surveys of comparable curricula at four-year colleges and universities, AP European History is aligned to a two-semester introductory college course.

34141 (A), 34142 (B) **UNITED STATES HISTORY** 2 Terms .5 Credit Each
Grades 11 - 12

***HEAR, NCAA APPROVED**

US History explores in depth history, civics, geography, and economics themes in US History from Industrial Revolution to present. This course builds on skills which will include cause and effect relationships, analysis, evaluation, and the use of primary sources to prepare students for the 21st Century. The following three strands will be incorporated throughout the course: 1) Gather and analyze historical information, including contradictory data, from a variety of primary and secondary sources, to support or reject hypotheses and/or create an historical argument. 2) Differentiate between facts and historical interpretations, recognizing that a historian's narrative reflects his or her judgment about the significance of particular facts. 3) Analyze ideas critical to the understanding of American history. Topics to include but not limited to populism, progressivism, isolationism, imperialism, anti-communism, environmentalism, liberalism, fundamentalism, and conservatism.

H0420 (A), H0421 (B) **CMU HIST 131, 132** 2 Terms .5 Credit Each -GJHS
Prerequisite: Teacher Recommendation 2 Terms, 3 Credits Each - CMU

This course focuses on the history of the United States from Colonial period (ca. 1750) through the Civil War (ca. 1865). Students learn to assess historical materials, evaluate relevance and reliability of those sources, and deal critically with problems and materials in United States history. 132 is a survey of American History from the Reconstruction to the present. This course will cover the major political, economic, social, cultural, and intellectual transformations that help explain our transition from the past to the modern American era.

34161 (A), 34162 (B) **ADVANCED PLACEMENT UNITED STATES HISTORY** 2 Terms .5 Credit Each
Prerequisite: Teacher Recommendation Grades 11 - 12

***HEAR, NCAA APPROVED**

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

34180 **AMERICAN GOVERNMENT**

1 Term .5 Credit
Grades 11-12

***HEAR, NCAA APPROVED**

This course prepares students for their roles as informed, connected and engaged American citizens and Global citizens ready to participate in the American Political system. Students must understand the ramifications of political decisions at the local, state, national, and international levels as well as their interdependent nature. Students will know the basic building documents of the American Political system, their history and impact on current policies. Students will investigate the structure of the American government system, the three branches, Federalism and how these philosophies interact to form the American political milieu.

34197 (A) 34198 (B) **ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS**

(HSCJPS & BMPA)

1 Term .5 Credit

Prerequisite: Teacher Recommendation

Grade 12

***HEAR, NCAA APPROVED**

***This course is offered as a year-long course and is taught concurrently with
AP US Government and Politics***

The AP course in Comparative Government and Politics introduces students to fundamental concepts such as sovereignty, authority, power, institutions, political/economic change, cleavages and public policy formation used by political scientists to compare nation states. Students explore political cultures, governance and institutional alternatives, as well as a variety of data used to analyze global political and economic trends. Six countries form the core of the AP Comparative Government and Politics course: China, Great Britain, Iran, Mexico, Nigeria and Russia.

34191 (A) 34192 (B) **ADVANCED PLACEMENT US GOVERNMENT AND POLITICS**

1 Term .5 Credit

Prerequisite: Teacher Recommendation

Grade 12

***HEAR, NCAA APPROVED**

***This course is offered as a year-long course and is taught concurrently with
AP Comparative Government and Politics***

The AP U.S. Government and Politics course is an introduction to the discipline of political science. It provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. Students will also engage in disciplinary practices that require you to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, students will complete a political science research or applied civics project.

H0406 **CMU AMERICAN GOVERNMENT**

1 Term, .5 Credit - GJHS

Prerequisite: Previous Social Studies Teacher Recommendation

1 Term, 3 Credits - CMU

***HEAR, NCAA APPROVED**

Grade 12

POLS 101 American Government-GTSS1 3 Credits -- Structures and functions of the American political system and the constitutional development of federalism and separation of powers. Also, citizen participation and influence in politics, the congress, presidency and the supreme court, and public policy including civil rights and liberties. Essential Learning Categories: Social and Behavioral Sciences Colorado Guaranteed Transfer (GT) Pathways General Education Curriculum

34200 (I), 34210 (II) **INTERNATIONAL FORUM** (HHSE)

Prerequisite: None

2 Terms .5 Credit Each

Grades 10 - 12

***HEAR, NCAA APPROVED**

International Forum is an issues-oriented class. discussion and debate of contemporary and controversial topics involve the student in class participation and critical thinking. Subject matter has a political perspective as problems and their possible solutions are examined at international, national and local levels, and in relationship to the individual. this course will deal with issues such as the environment, energy, defense, aging, poverty, substance abuse, crime and violence. (Each semester is exclusive of the other.) In addition to Positive discussion Involvement, evaluation will be based on a 1-2 page formal research paper and an essay test for each of the four units per semester.

34240 **SOCIOLOGY** (HLA & HSCJPS)

Prerequisite: None

1 Term .5 Credit

Grades 10 - 12

***HEAR, NCAA APPROVED**

This course explores important societal factors such as culture, group structure and function, norms, socialization, social behavior, deviance, racial and ethnic relations. In addition, social institutions, including marriage and family, religion, and education will be covered.

34260 **PSYCHOLOGY** (HSCJPS)

Prerequisite: None

1 Term .5 Credit

Grades 10 - 12

***HEAR, NCAA APPROVED**

Psychology is the study of mental processes and behavior. The course will cover such topics as sensation, perception, memory, thought, learning, human relations, personality, behavior disorders and mental health. Types of therapy, techniques of mental measurement, and statistics will also be studied. Consideration will be given to theory and research relative to the topics.

34281 (A), 34282 (B) **ADVANCED PLACEMENT PSYCHOLOGY** (HSCJPS) 2 Terms .5 Credit Each

Prerequisites: Teacher Recommendation

Grades 10 - 12

***HEAR, NCAA APPROVED**

Psychology is a vibrant, living, and every-growing science. Although its roots are in the distant past, it has flourished in the 21st Century. Psychology might be called the science of today; concerned with and dealing with current behavior; sensation and perception; states of consciousness; learning and memory; motivation and emotion; stress measurement; language, thought and intelligence; abnormal behavior; psychotherapy; and social psychology. The course culminates in the Advanced Placement Psychology Examination.

34320 **ECONOMICS #** (BMPA)

Prerequisite: None

1 Term .5 Credit

Grades 10 - 12

***HEAR, NCAA APPROVED**

The purpose of this course is to help students understand the American economic system of free enterprise so that they will be able to make better financial, employment, and personal decisions. Students will study how the U.S. economy works by examining the basic elements of the free market system, the interaction of supply and demand, the banking system, and national economic policy.

34331 **ADVANCED PLACEMENT MICROECONOMICS #** (BMPA)

Prerequisite: None

1 Term .5 Credit

Grades 10 - 12

***HEAR, NCAA APPROVED**

This course is offered as a year-long course and is taught concurrently with AP Macroeconomics. AP Microeconomics aims to give students an understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

According to surveys of comparable curricula at four-year colleges and universities, it is equivalent to a one-semester introductory college course.

34332 **ADVANCED PLACEMENT MACROECONOMICS #** (BMPA) 1 Term .5 Credit
Prerequisite: None Grades 10 - 12

***HEAR, NCAA APPROVED**

This course is offered as a year-long course and is taught concurrently with AP Microeconomics.
AP Macroeconomics aims to give students an understanding of the principles of economics that apply to an economic system as a whole. It places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. According to surveys of comparable curricula at four-year colleges and universities, it is equivalent to a one-semester introductory college course.

34340 **COMPARATIVE RELIGIONS** (HHSE) 1 Term .5 Credit
Prerequisite: None Grades 10 - 12

***HEAR, NCAA APPROVED**

This course is designed to give students an introduction into world religions and their place in human affairs. The course will identify the basic concept of religion and the religious philosophies of the Western World and Eastern World including Judaism, Christianity, Islam, Hinduism, Buddhism, Taoism, Confucianism, and Shinto. Topics and themes will include geographical influences, historical events, founders, sacred writings, religious rites, and ceremonies. Religious concepts and philosophical views will be discussed in an academic, non-proselytizing environment.

34410 **COLORADO HISTORY** (HLA) 1 Term .5 Credit
Prerequisites: None Grades 10 - 12

***HEAR, NCAA APPROVED**

This course surveys prehistoric peoples of Colorado, native peoples, the Spanish frontier, fur trade, mining, transportation, political development, the cattle industry, industrial and energy-related growth, resource allocation, tourism and issues confronting Colorado's future. This course involves independent research.

34400 **ETHNIC STUDIES** (HLA) 1 Term .5 Credit
Prerequisites: None Grades: 10 - 12

***HEAR, NCAA APPROVED**

This course is designed to give an overview of Ethnic Studies and race in America. The purpose of this course is to study the impact of various ethnic and racial groups in the United States and the role of race in society. The course will focus on both U. S. history and current issues. Coverage will include the following groups: African Americans, Asian Americans, Latino Americans and American Indians, among others. This course will also include a section on identity where students will also include a section on identity where students will consider concepts related to their own personal, group or national identity. Evaluation will be based upon class activities, homework, quizzes and other various assessments.

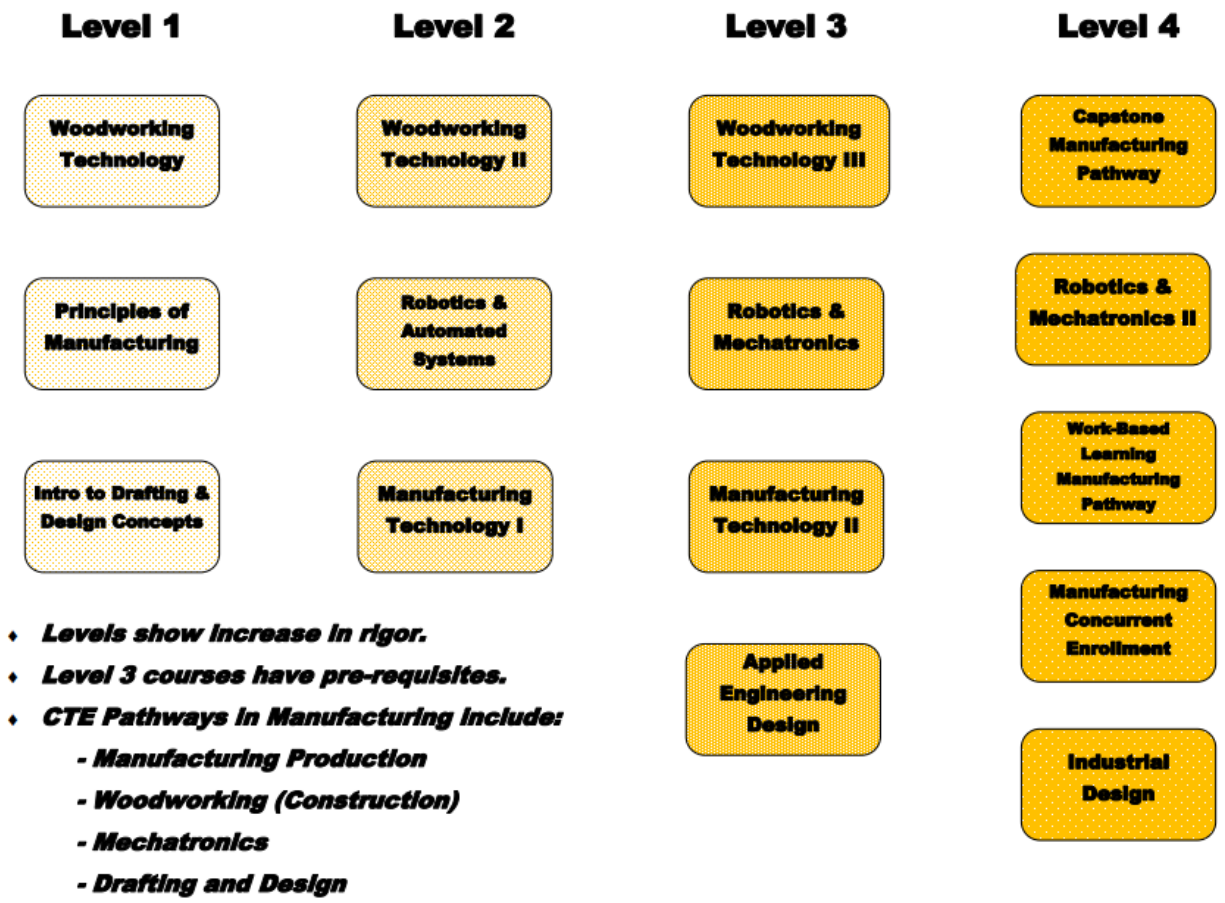
34375 **TEEN COURT** (HSCJPS) 1 Term .5 Credit
Prerequisite: None (*Law Related Education is strongly encouraged*) Grades 10 - 12

This course is designed to give all enrolled students trial experience and an enhanced understanding of the system of law of the United States of America. Topics include jurisprudence, trial procedures, courtroom etiquette, and rules of evidence and case material preparation. Students in this class will be introduced to the American judicial system with expertise coming from community resources such as police, sheriff, and public defender, city attorneys from the Grand Junction Teen Court, district attorneys and judges. Students will be introduced to the model in place for the Grand Junction teen Court, be responsible for the cases to be argued each session, serve as either representatives for the people or the defense for the teen defendants ordered to appear, and be responsible for the preparation and

coordination of each teen court session. Evaluation will be based on class activities, case preparation, tests and quizzes, and trial performance. This class will require attendance and effort outside of assigned class times. Attendance is required at all Teen Court sessions that are held at Grand Junction City Hall outside of normal school hours. Students will also be required to conduct case preparation at times that differ from normal school hours including but not limited to, meeting with defendants and acquiring relevant evidence.

TECHNOLOGY EDUCATION

Students interested in an engineering or STEM Career Pathway are strongly encouraged to take advantage of the hands-on opportunities these classes present. These classes are designed for students at any level of development. Students have access to the tools, supplies, equipment and computers that are necessary to complete assignments during class. When students use class time to their advantage, there is very little homework. **There is a \$20.00 fee for each class that helps cover the cost for supplies.** *These courses all fall into the STEM, Skilled Trades & Technical Sciences Career Cluster.*



37061 PRINCIPLES OF MANUFACTURING

Prerequisite: None

1 Term .5 Credit

Grades 9 - 12

In Principles of Manufacturing, students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

37059 MANUFACTURING TECHNOLOGY 1 1 Term .5 Credit
Prerequisite: Principles of Manufacturing Grades 9 - 12

This course focuses on introducing and building basic to intermediate-level skills for manufacturing technicians. Students will learn about the operation of various manufacturing technologies and develop intermediate skills involving CNC machine operation and robotic machine operation.

37067 MANUFACTURING TECHNOLOGY II 1 Term .5 Credit
Prerequisite: Manufacturing Technology 1 Grades 9 - 12

Manufacturing Technology II is designed to provide students with the skills and knowledge to be effective in -- production environments as a machinist, CNC operator, or supervisor. Upon completion of this course, proficient students will demonstrate safety practices concerning machining technology, proper measurement and layout techniques, reading and interpreting drawings and blueprints, production design processes, and quality control procedures. Students will complete projects using various manufacturing techniques and build intermediate skills involving manufacturing techniques. Upon completion of this course, students will be knowledgeable about potential postsecondary education and career opportunities related to machining technology and will be prepared to enroll in more advanced machining courses in high school.

37034 WOODWORKING TECHNOLOGY I 1 Term .5 Credit
Prerequisite: None Grades 9 - 12

This course provides an overview of the planning, design, layout, and technical drawing interpretation for practical use in woodworking, cabinetmaking, and mill working. Different cabinet and furniture styles used, various wood products and materials, and proper tool selection may also be covered. Students will be introduced to the different construction processes in the cabinetmaking, furniture making, and millwork industries. Students will learn about measurement, layout, shop drawings and cutting lists. They will gain a basic understanding of the various kinds of materials used in the industry. Students will learn to use selected woodworking tools and machinery. Correct and safe use of tools and equipment is emphasized. The construction of several projects will develop students' woodworking skills.

37037 WOODWORKING TECHNOLOGY II Term .5 Credit
Prerequisite: Woodworking Technology A & B Grades 9 - 12

Students will expand their knowledge of workshop and tool safety, joinery techniques, project design, shop maintenance, power tool and hand tool use and wood theory. There will be an emphasis on craftsmanship and on joinery skills, attention to detail and elements of design.

37038 WOODWORKING TECHNOLOGY III 1 Term .5 Credit
Prerequisite: Woodworking Technology 2 Grades 9 - 12

Woodworking Technology 3 provides continuing instruction in woodworking with a blend of historic and modern technology skills. The course includes in-depth instruction of hand tools, power tools, custom made tools, advanced woodworking techniques, drafting and wood science.

37110 ROBOTICS & AUTOMATED SYSTEMS (STEAM/IT) 1 Term .5 Credit
Prerequisite: None Grades 9 - 12

Robotics & Automated Systems is an applied course for students who wish to explore how robots and automated systems are used in industry. Upon completion of this course, students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; ethical standards for engineering and technology professions; and testing and maintenance of robots and automated systems.

37074 ROBOTICS & MECHATRONICS (STEAM/IT) 1 Term .5 Credit
Prerequisite: Robotics & Automated Systems Grades 9 - 12

Introduces industrial robotics as well as a survey of the technologies and equipment used in manufacturing automation and process control. Includes axis configurations, work envelopes, programming, troubleshooting, and maintenance. Incorporates a survey of automation topics including history, computer and hardwired controls, sensors and transducers, motors and actuators, fluid power, etc.

37077 ROBOTICS & MECHATRONICS II (STEAM/IT) 1 Term .5 Credit
Prerequisite: Robotics & Mechatronics Grades 9 - 12

In this class students will research, design, and build projects based on the field of robotics automation. Students will learn about Pneumatics, Hydraulics, Electronics and Mechanical Design along with basics in Control and Programming by designing and building robotic systems.

37118 INTRO TO DRAFTING AND DESIGN CONCEPTS 1 Term .5 Credit
Prerequisite: None Grades 9 - 12

This course offers students the opportunity to combine design principles with technology to produce authentic projects. The initial focus will be on developing an understanding of the visual elements and the principles of design. Students will study both two and three dimensional applications and problems. Students will explore areas such as: graphic design, architectural design, landscaping design, manufacturing design and interior design. Students will use drafting skills to produce detailed working drawings, sectionals, auxiliary, fasteners, and simple architectural floor plans. Students will also work in design teams to create pattern development and design and produce prototypes. They will be introduced to computer design software such as Google Sketch, SolidWorks, and ArchiCad.

37106 APPLIED ENGINEERING DESIGN 1 Term .5 Credit
Prerequisite: None Grades 9 - 12

Applied Engineering Design is an applied course for students interested in further developing their skills as future engineers. This course covers knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to explain the differences between scientists and engineers, understand the importance of ethical practices in engineering and technology, identify components of control systems, create simple free body diagrams, use measurement devices employed in engineering, conduct basic engineering economic analysis, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.

37135 INDUSTRIAL DESIGN 1 Term .5 Credit
Prerequisite: None Grades 9 - 12

Industrial design is the professional practice of creating products that enhance the function, usability, value, and appearance of products with the goal of benefiting the user, manufacturer, community, and the environment. Also known as product design, industrial design education prepares students to design systems and tangible artifacts including consumer and recreational products, medical and computer equipment, and transportation and environments. Both generalist and specialist, industrial designers tend to be part artist, part entrepreneur and engineer. This course is designed for students interested in careers in Industrial Design, Packaging Design, or Design Arts industry sector. Students will be introduced to industry standard tools, skills, and materials that they can manipulate as the primary means of manufacturing and package design. Students will explore basic applications of various tools to create projects in both digital and 3D format.

37089 CAPSTONE MANUFACTURING PATHWAY

1 Term .5 Credit

Prerequisite: Woodworking Technology 2

Grades 9 - 12

This course allows for advanced work in any Manufacturing Program of Study. This advanced work can be individualized to the specific program of study to allow for specialized study for the Skilled Trades & Technical Sciences student. It may include project based learning or preparation for end of program industry certification. Specific content and course design will be determined by the instructor in collaboration with the individual student.

Students may sign up for a class twice and receive credit. The first time is at a beginning level; the second time is at an advanced level. If a student wishes to take a class a third time they need to get instructor approval and sign up for Advanced Studies.

37088 WBL MANUFACTURING PATHWAY

1 Term .5 Credit

Prerequisite: Manufacturing Technology 2

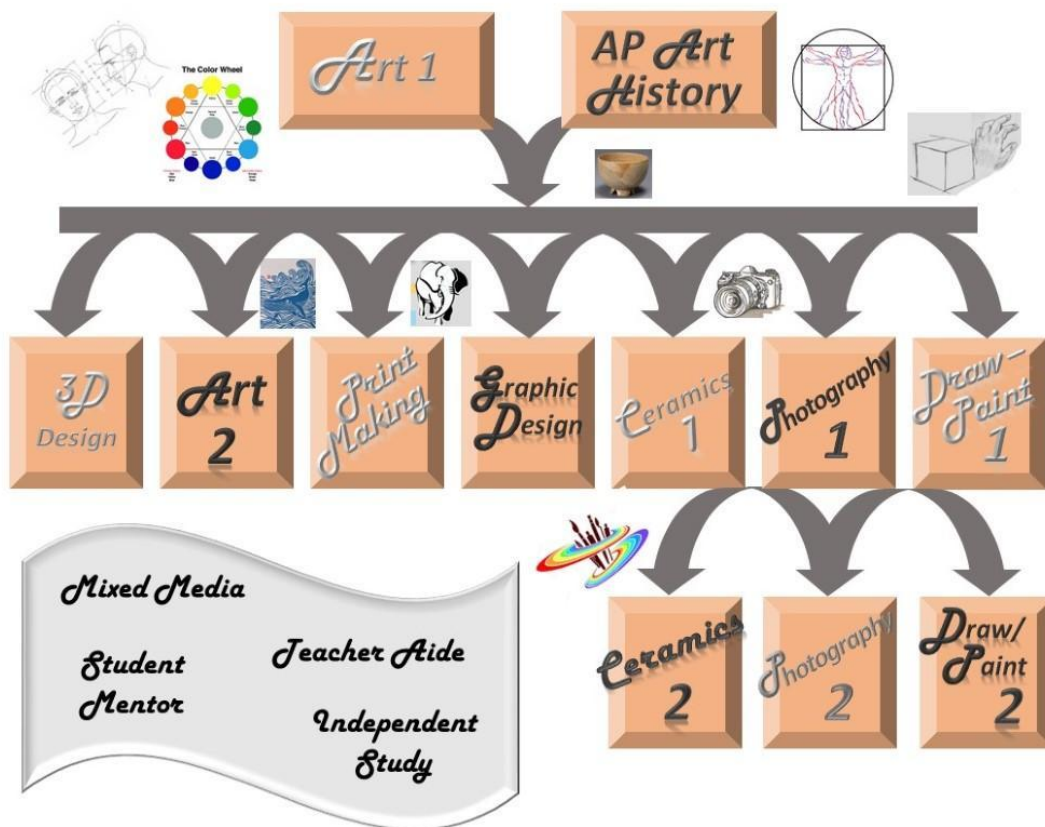
Grades 9 - 12

This course is designed to prepare students to enter the workforce through on-the-job training in the form of a work-based learning experience and may be combined with class instruction. Students will build on prior knowledge and skills in the program of study aligned to their career and academic plan to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education. Students will have the opportunity to develop skills in supervised practical experience on the job or in a classroom based job environment. A personalized learning plan is a requirement of this course.

VISUAL ARTS

Students are limited to two art classes per semester unless given permission by an instructor. The two classes may not be taken concurrently. These courses meet the .5 Fine Arts requirement.

**** 11th or 12th grade with Fine Arts requirement completed can bypass Art1/AP Art History**
They all fall within the STEM, Arts, Design, & Information Technology Career Cluster.



38000 ART I

Prerequisite: None

1 Term .5 Credit
 Grades 9 - 12

This is a survey course that offers opportunities to learn art fundamentals in 2D and 3D processes and techniques. The course will include but is not limited to; freehand drawing, portraiture, use of color, linear perspective, art elements and principles of design, art history and art appreciation. Creativity and originality is emphasized. **Either of these courses serve as a Prerequisite for all other art courses.**

The Class Fee is \$20.00.

38020 ART II

Prerequisite: Art I or AP Art History

1 Term .5 Credit
 Grades 9 - 12

11th or 12th grade with Fine Arts requirement completed or MS teacher approval

Art II is an in depth survey course of advanced techniques and media. This course could include 2-D and 3-D art, as well as mixed media and collaborative projects. Projects such as Montage and Watercolor painting may be explored in depth. Art history and art criticism is included. Creativity/originality and self-expression is emphasized along with the development of personal style. **The Class Fee is \$20.00**

- 38060 DRAWING & PAINTING 1** 1 Term .5 Credit
Prerequisite: Art I or AP Art History Grades 9 – 12
 11th or 12th grade with Fine Arts requirement completed or MS teacher approval
 Students will use a variety of wet and dry mediums and techniques incorporating the elements of art and principles of design. Art history and art criticism is included. Creativity/ originality and self-expression is emphasized along with the development of personal style. **The Class Fee is \$20.00**
- 38080 DRAWING & PAINTING 2** 1 Term .5 Credit
Prerequisite: Art I or AP Art History and Drawing & Painting 1 Grades 10 - 12
 Drawing/Painting 2 will explore art and the creative process is a discipline that involves 21st century learning skills; critical thinking and reasoning, invention/creativity, self-direction, collaboration, and information literacy. Students will recognize and understand the fundamentals of art and design. The students will plan and execute their creative ideas using a variety of wet and dry drawing and painting techniques. Students will self-reflect and collaborate with teachers and peers in order to consider other points of view for the purpose of change/growth in their art. **The Class Fee is \$20.00**
- 38100 CERAMICS I** 1 Term .5 Credit
Prerequisite: Art I or AP Art History Grades 9 – 12
 11th or 12th grade with Fine Arts requirement completed or MS teacher approval
 This course is an introduction to the use of clay for functional and artistic purposes. Basic hand-building skills will be emphasized as well as beginning exposure to the potter's wheel. Basic decoration and finishing techniques will be included. Art history and art criticism is included. Creativity/originality and self-expression are emphasized along with the development of personal style. **The Class Fee is \$20.00**
- 38120 CERAMICS II** 1-2 Terms .5 Credit
Prerequisite: Art I or AP Art History and Ceramics I Grades 10 - 12
 This course's focus provides in depth exposure to the potter's wheel and more advanced hand building techniques. Students will work with high fire glazes, staining techniques, and possibly raku firing. Creativity/originality and self-expression are emphasized along with the development of personal style. **The Class Fee is \$20.00.**
- 38160 PRINTMAKING I** 1 Term .5 Credit Each
Prerequisite: Art I or AP Art History Grades 9 – 12
 11th or 12th grade with Fine Arts requirement completed or MS teacher approval
 This course will prove experience in a variety of printmaking and mixed media processes and materials. **The Class Fee is \$20.00**
- 38180 3-D DESIGN (SCULPTURE)** 1 Term .5 Credit
Prerequisite: Art I Grades 9 – 12
 11th or 12th grade with Fine Arts requirement completed or MS teacher approval
 This course will give the student experience in designing and creating sculptures using the three basic processes; additive, subtractive, and manipulative. Sculptures will be created from a variety of materials like wire, plaster, and cardboard. Creativity/ originality and self-expression are emphasized along with the development of personal style **The Class Fee is \$20.00**
- 38240 PHOTOGRAPHY I** 1 Term .5 Credit
Prerequisite: Art I; Digital Camera and Flash/USB Drive Grades 10 – 12
 11th or 12th grade with Fine Arts requirement completed or MS teacher approval
 This class allows students to learn the technical and creative skills used in fine art photography. Through a hands-on approach, students will learn how to use their cameras and strengthen their images. From click, to edit, to print, students will create original images that show creativity and content. Students will have the opportunity to be enriched by looking at master photographers and grow as a photographer through assessment and critique. A Point and Shoot camera or DSLR camera, 3 megapixel or higher resolution, is required for this course. The school is unable to provide cameras for student use.

Questions/ types of cameras outside requirement may be allowed with teacher approval (no camera phones). **The Class Fee is \$20.00**

38250 PHOTOGRAPHY II

1 Term .5 Credit
Grades 10 - 12

Prerequisite: Successful Completion of Photo I with A or B
Must have Digital Camera and Flash/USB Drive

This class builds on Photography I, allowing students to further their learning in fine art/ commercial photography. Through a hands-on approach, students will learn how to further enhance their skills using their cameras through advanced techniques. Students will strengthen their images through creating content driven photographs and series. Students will grow as a photographer through assessment and critique. A DSLR camera, 3 megapixel or higher resolution, is required for this course (no camera phones). **The Class Fee is \$20.00**

38200 GRAPHIC DESIGN

1 Term .5 Credit
Grades 9 – 12

Prerequisite: Art I and Computer Applications

11th or 12th grade with Fine Arts requirement completed or MS teacher approval

This course is designed to explore the graphic arts field through the use of technology. Students will use basic drawing, design and computer skills to produce quality end products. Areas covered could include: typography, logo design, advertising/marketing art and package design. Creativity/originality and self-expression are emphasized along with the developments of personal style. **The Class Fee is \$20.00**

31581 (A), 31582 (B) ADVANCED PLACEMENT ART HISTORY

2 Terms .5 Credit Each
Grades 09 - 12

Prerequisite: None

The AP Art History course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the students develop in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history. This class may meet the English elective credit.

38400 (A & B) INDEPENDENT STUDY ART

1 Term .5 Credit
Grades 11 & 12

Prerequisite: Art 1 and at LEAST 2 additional art classes

Teacher approval only.

Independent study is set up to give the serious art student the facilities and materials to continue his/her art studies. Independent art students are expected to produce quality finished work that reflects experimentation and challenges to their creative and technical growth. Students are expected to complete 4 to 6 projects reflecting a minimum two weeks of work. Communication with the teacher is expected on a weekly basis. Students may not begin any project without communicating details and material needs with the teacher first. All work is to be done in the studio under the guidance of the teacher; work in progress must be evident on a weekly basis. Work completed outside of the art studio will not be accepted for a grade. Students are required to participate in at least one art show and demonstrate knowledge of matting 2-D art. Attendance is required on a daily basis. **The Class Fee is \$20.00**

WORLD LANGUAGE

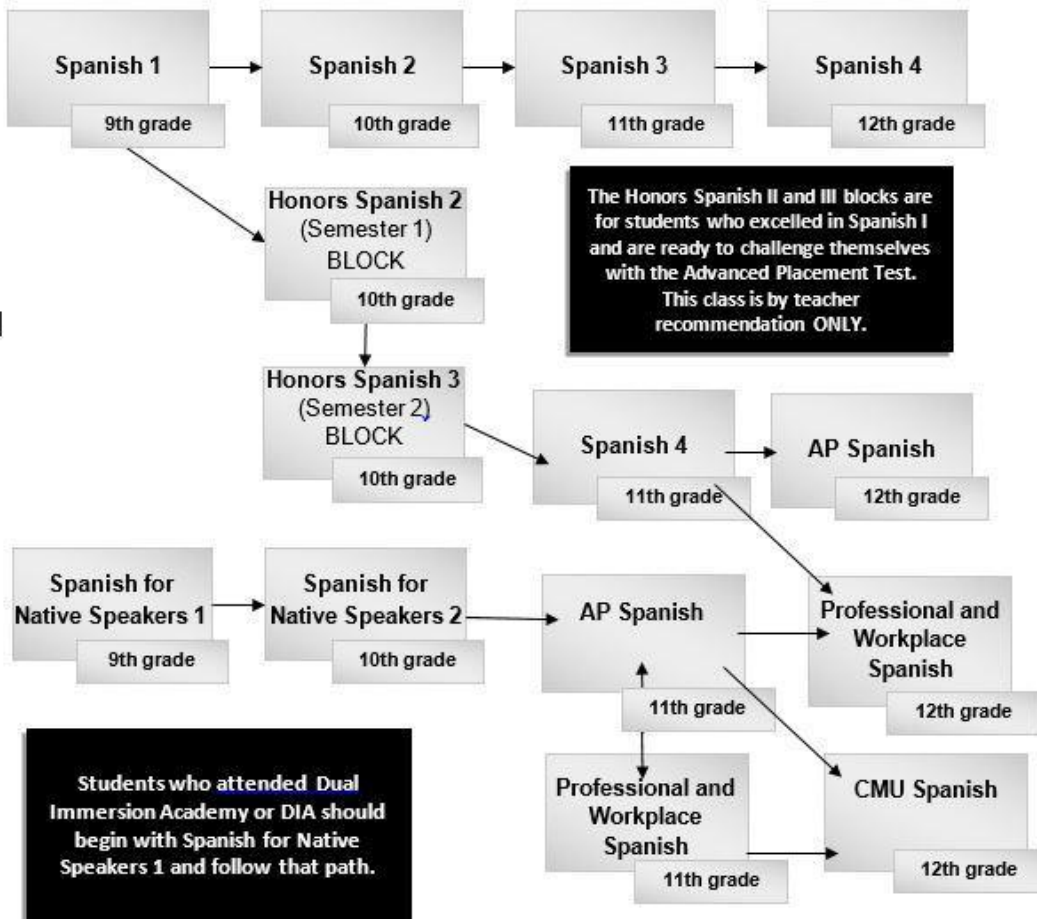
World Languages offered at GJHS

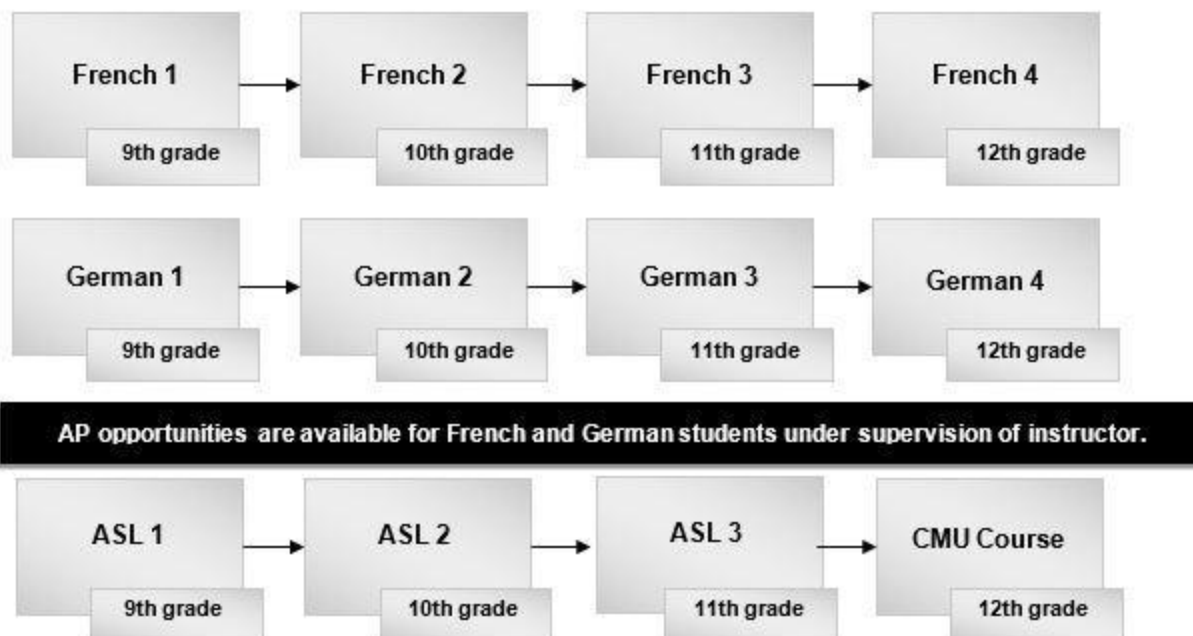
In order to complete all levels available, it is recommended that students begin a language in 9th grade. However, if not considering taking all levels, any language can be started in any grade.

HEAR requires two credits in academic electives, one of which must be a World Language credit. In addition, depending on their selectivity, many colleges and universities look for two to three years of the same World Language when considering students for admission.

The purpose of this department is to introduce students to the basic structure of languages, other than English, increasing knowledge and building fluency with each successive term. Students also learn cultural, geographical, and historical information about the people and places connected with the language. Each level builds on the previous ones and thus it is important for students to apply themselves and to do well right from the start in the beginning levels and in each subsequent level. It is also best to take these classes without any time gaps between levels. World language classes are academic electives. Strong study skills, excellent attendance, and a willingness to participate actively in class on a daily basis are essential. Ten to fifteen minutes of daily review and practice are expected. World language classes offered at GJHS are French, German, Spanish and American Sign Language.

Although there is no graduation requirement for world languages, we recommend that students take a minimum of two years of the same world language. Many colleges and universities require three years of the same language for admittance. If you are planning to attend college after high school, we recommend that you plan your World Language study to include taking it your senior year, so that your knowledge and skills will be fresh





INTRODUCTION TO WORLD LANGUAGES

World Language courses build students' communication skills in the four key areas of language: listening, speaking, reading and writing. Students will also explore the importance of cultural awareness and our connectedness with the global community.

LEVEL ONE:

2 Terms .5 Credit Each

Prerequisite: None

Grades 9 - 12

Recommendations: "C" Average Overall In Their Most Recent Language Arts/English class. **Native Spanish Speakers should not register for Spanish 1 or 2; they should register for Spanish for Native Speakers 1 or another language after consulting with an upper level Spanish teacher and the World Language Department Chair.**

***HEAR, NCAA APPROVED**

The level one world language course is designed to focus on high frequency vocabulary and language structures through student interaction with the target language. Language will be learned through a variety of activities including: stories, video media and technology, cultural exploration, etc. Regular attendance and active participation are critical components for student success.

35201 (A), 35202 (B) **French I** 35321 (A), 35322 (B) **German I** 35001 (A), 35002 (B) **Spanish I**

LEVEL TWO:

2 Terms .5 Credit Each

Prerequisite: Successful Completion of Level 1 with a "C" or Better and/or Teacher Approval.

Grades 9 - 12

Native Spanish Speakers should not register for Spanish 1 or 2; they should register for Spanish for Native Speakers 1 or another language after consulting with an upper level Spanish teacher and the World Language Department Chair.

***HEAR, NCAA APPROVED**

The level two world language course is designed to increase students' competence through continued interaction with the target language. The focus will be on more advanced language structures and expanded vocabulary in context. Level two students will demonstrate increasing spontaneity and flexibility in their ability to communicate in the target language in all four areas: speaking, listening, reading and writing. Regular attendance and active participation are critical components for student success

35221 (A), 35222 (B) **French II** 35341 (A), 35342 (B) **German II** 35021 (A), 35022 (B) **Spanish II**
35031 (A), 35032 (B) **Honors Spanish II Block (Honors Spanish II Block must be taken in the fall semester along with Honors Spanish III Block in the spring semester of the same school year. Teacher recommendation is required.** This sequence enables non-Spanish speaking students to reach **AP Spanish** their senior year if they have taken **Spanish I** their freshman year. This sequence also enables sophomores and juniors to accelerate and extend their progress through more levels of Spanish.)

LEVEL THREE:

2 Terms .5 Credit Each

Prerequisite: Successful Completion of Level 2 with a “C” or Better
and/or Teacher Recommendation

Grades 9 - 12

***HEAR, NCAA APPROVED**

The level three world language course is designed to increase students’ competence and confidence in the target language. The focus continues to be on increasingly advanced language structures and vocabulary building. Regular attendance and active participation are critical components for student success.

35241 (A), 35242 (B) **French III** 35361 (A), 35362 (B) **German III** 35041 (A), 35042 (B) **Spanish III**
35046 (A), 35047 (B) **Honors Spanish III Block (Honors Spanish III Block must be taken during spring semester the same school year as Honors Spanish II Block. Teacher recommendation is required.**)

LEVEL FOUR:

2 Terms .5 Credit Each

Prerequisite: Successful Completion on Level 3 with a “C” or Better
and/or Teacher Recommendation

Grades 9 - 12

***HEAR, NCAA APPROVED**

The level four world language course is designed to further develop students’ abilities and skills in the target language with increasing depth and breadth. Regular attendance and active participation are critical components for student success.

35261 (A), 35262 (B) **French IV** 35382 (A), 35383 (B) **German IV** 35061 (A), 35062 (B) **Spanish IV**
35101 (A), 35102 (B) **ADVANCED PLACEMENT (AP) SPANISH LANGUAGE** 2 Terms .5 Credit Each

Prerequisites: Successful completion of Spanish IV with a “C” or better

Grades 11 - 12

****Native Spanish speakers must complete Spanish for Native Speakers I and II and Spanish 4 before taking Advanced Placement Spanish Language.**

***HEAR, NCAA APPROVED**

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students’ awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions)

35496 (A), 35497 (B) PROFESSIONAL AND WORKPLACE SPANISH

2 Terms .5 Credit Each

Grades: 11-12

Prerequisite: Spanish 4 or AP Spanish. Can be taken concurrently with AP Spanish.

In this course, students will continue to develop effective written and spoken communication skills in Spanish, especially for professional and workplace settings. They will build awareness of the cultural aspect of verbal and non-verbal communication across languages. They will practice speaking and listening for a variety of purposes in different situations. Students will explore job and career options through guest speakers, workplace observations, and their own research. They will learn about making career and financial decisions important in adult life. They will then develop a personal program of research and an internship placement according to their specific career and work interests. Students will interview and obtain a commitment from a business or organization for their internship by the end of first

semester. Each student will develop a portfolio, which will include reflections on guest speakers, observations, an internship, as well as peer, teacher, and internship supervisor evaluations of improvement and achievement in their communication skills.

35481 (A), 35482 (B) **SPANISH FOR NATIVE SPEAKERS I** 2 Terms .5 Credit Each
Prerequisites: None Grades 9 - 12

***NCAA APPROVED**

This course is designed to increase the literacy level of the Spanish speaking student. Students will focus on increased reading fluency using a variety of materials (such as novels, non-fiction books, articles, poetry, and song lyrics) and accuracy in writing through a wide variety of writing activities. Students will gain experience in speaking for a variety of purposes. Students will explore the variety of cultural nuances of the greater Spanish speaking world, including those within the United States. To succeed in this course, students must show growth in reading, writing, and speaking, based on pre/post assessment rubrics. Progress will be measured based on individual entry levels following the pre-assessment.

35483 (A), 35484 (B) **SPANISH FOR NATIVE SPEAKERS II** 2 Terms .5 Credit Each
Prerequisites: Spanish for Native Speakers I with a "C" or better Grades 10 – 12

***NCAA APPROVED**

Greater emphasis will be placed on expansion of formal vocabulary through reading and writing activities, and on increasing awareness of appropriate word choice, register, and grammatical accuracy. Students will be expected to demonstrate growth based on pre/post assessment rubrics. Progress will be measured based on individual entry levels following the pre-assessment.

35420 (A), 35421 (B) **AMERICAN SIGN LANGUAGE I** 2 Terms .5 Credit Each
Prerequisites: None Grades 9 – 12

***HEAR & NCAA APPROVED**

This course is an introduction to basic receptive and expressive skills in American Sign Language, including vocabulary, manual alphabet, grammatical structure, facial expressions. Deaf culture and the history of ASL will also be covered in this course.

35423 (A), 35424 (B) **AMERICAN SIGN LANGUAGE II** 2 Terms .5 Credit Each
Prerequisites: Completion of level I with a C or higher Grades 9 – 12

***HEAR & NCAA APPROVED**

This course is designed as a continuation to American Sign Language (ASL) I. Students will continue development in expressive and receptive skills, grammar, vocabulary and sentence structures. Classifiers, spatial referencing, and inflecting verbs will be introduced. Information about the Deaf Community and Deaf Culture will also be covered.

35425 (A), 35426 (B) **AMERICAN SIGN LANGUAGE III** 2 Terms .5 Credit Each
Prerequisites: Completion of level II with a C or higher Grades 9 – 12

***HEAR APPROVED**

This course is designed to increase students' receptive and expressive skills of visual communication. Through interactive and voice-off activities, the learner will use facial and gestural expressions to communicate with the alphabet, numbers and grammar of ASL. Students will expand upon their vocabulary learned in ASL I and II and learn to discuss more abstract concepts as well as events that occurred in the past. Students will also explore highlights of the Deaf community, history, and culture.

The Seal of Biliteracy

An award given through Grand Junction High School, by the State of Colorado, to recognize students who have studied and attained proficiency in two or more languages by the time they graduate from high school. One of the Seal's primary purposes is to recognize the value of language diversity & cultural identity while acknowledging and certifying students' attainment of biliteracy skills.

The Seal also addresses the following:

- Language is a resource as well as a right

- Valuing different language as an asset
- Prepares our students for college and career
- Acknowledge and certifies the attainment of biliteracy skills
- Prepare students with 21st century skills that will benefit them in the labor market and global society
- Provides employers, universities, grants and scholarships with a method to recognize applicants for their dedication to attainment of high academic skills in 2 or more languages
- Strengthens intergroup relationships and honors the multiple cultures and languages in a community.

SPECIAL COURSE WORK

39001 (A), 39002 (B) STUDENT SENATE (BMPA & HSCJPS)

Prerequisite: Elected to School Office

1-2 Semesters .5 Credit Each
Grades 9 - 12

Student Council is designed as a course that explores leadership and positive involvement in both school and community. Daily activities help develop leadership by placing students in varied levels of responsible situations where leadership is required to accomplish the established goals. Many of the techniques used involve real world skills such as delegation, goal-setting, meeting deadlines, committee work, brainstorming/planning, communication and promptness.

39202 (A), 39203 (B) STUDY HALL

1 Semesters .25 Credit
Grades 9 - 12

39005 STUDY LAB

Prerequisites: Teacher/Counselor Approval

1 Semester .25 Credit
Grades 10 - 12

This course is designed to serve students who are struggling academically (earning D's or F's) in at least two core classes. Students are referred to Study Lab by teachers, counselors, staff members or themselves. Students accepted in Study Lab will work on being successful in their other classes. Study Lab focuses on developing time management, organizational skills and goal setting. In addition, Study Lab will work to build reading comprehension, knowledge of using a text book and resource materials as well as developing basic computer skills. The student will be paired with a student mentor who will assist the student in practicing these skills during the lab. Students will be expected to apply these skills in their other classes. (Elective Credit)

39016 (A) 39017 (B) STUDENT MENTOR

Prerequisites: Teacher Approval

1 – 2 Semesters .5 Credit Each
Grades 11 - 12

Student mentors act as teaching assistants and receive a letter grade. Mentorships are available to students for academic classes if the teacher determines they can utilize that service. Mentors may also be paired with 9th or 10th graders who are enrolled in Study Lab. Generally, mentors are recruited by teachers and must have at least a 2.0 G.P.A. They are usually busy the entire period assisting in teaching/learning activities. They may work with individuals or small groups, help a student who has been absent to get caught up, prepare or deliver lessons, answer questions, clarify information, etc. They may assist with some types of grading or preparing labs. Mentors may be asked to put in time after school similar to an assignment in another class. Mentors need to be trained by the teacher. Confidentiality is very important as students may be aware of individual student's information. Attendance is paramount as teachers depend on their services daily.

39046 (A) 39047 (B) TUTOR MENTOR (HHSE)

Prerequisites: Tutor Mentor Coordinator Approval

1 - 2 Semesters .5 Credit Each
Grades 11 - 12

This course pairs qualified juniors and seniors with younger students in selected elementary and middle schools. Students will assist learners with math and reading primarily and will also model strategies that will help the younger students in all disciplines. General qualifications include good attendance, good communication skills, desire to work with youngsters and good work habits.

42112 WORK-BASED LEARNING (CTE)

Prerequisites: Counselor Approval

1 - 2 Semesters .5 Credit Each
Grades 11 - 12

A CTE Program Tutor is a work-based learning opportunity that allows students with prior knowledge, experience, and successful completion in a particular Career and Technical Education course to serve as an instructional assistant, facilitator, or mentor to the other students. The program tutor role will allow students to be able to deepen their understanding of Career and Technical Education concepts and demonstrate their leadership skills. The tutor will transition his/her knowledge from a role of student receiving the information to the role of tutor sharing knowledge and skills through various instructional and

mentoring techniques. Students will culminate their experience through a capstone project that reflects on their learning.

WORK EXPERIENCE

Students with approved workplace or internship placements may earn credits for these experiences. To see what qualifies for approval, see below.

This is an independent student course that requires formal documentation of work hours, a number of additional assignments, workplace evaluations, and contact with the teacher coordinator based on the student's involvement with a job or career internship. Students may earn up to 2 credits (.5 credits per semester) through the independent study portion alone.

Work Place Credit: In order to earn the credit for work, a student must be legally employed and be able to document the employment and hours worked through check stubs as well as other completed accountability forms. Credit will be given in .5 credit increment for each 60 hours worked with a maximum of 1 credit per semester.

Internship Credit: Students may earn credit through placement in a career internship. All placements must be approved by the teacher/coordinator. The purpose of an internship is to allow a student to learn about a career through extended, though limited, on-site job shadowing experiences. Hours spent in the internship must be documented by the intern supervisor and turned into the teacher/coordinator. In order to qualify as an internship, the experience must be educational in nature. The interns are not free labor and cannot be a replacement for a regular employee. An internship is limited to one semester or 67.5 hours. A student may do additional internships, but they must be in a different career field or provide a view of a significantly different aspect of a career field. While the two placements may be related, there must be clear and significant differences in what might be learned to warrant extending the learning experience for additional credit.

39021 (A), 39022 (B) **ADVANCED LEADERSHIP TRAINING** (BMPA & HHSE) 2 Terms .5 Credit Each
Prerequisite: Application Process in Spring Each Year Grades 11 - 12

This volunteer activity is designed for the LINK Leader who wishes to both improve leadership skills and help organize, evaluate and run the LINK Crew Program. Students will learn and practice the skills of speaking, writing, advising, critical thinking, research, evaluation, small group motivation, large group presentation, intervention, planning organization, delegation, and publication.

Students that are not meeting one or more of these graduation requirements may be assigned to Champion Development. Coursework will be individualized to help students meet all graduation requirements.

STUDENT ASSISTANTSHIPS

Students who are interested in Student Assistantships should contact the teacher they wish to assist.

39100 **TEACHER AIDE**

1 Semester .25 Credit

Prerequisite: Teacher Approval; 2.0 GPA

Grades 10 - 12

Student Aides act as clerical assistants helping teachers in learning activities or other designated tasks as determined by the instructor. They may earn .25 credit for a grade of P (pass) or no credit for F (fail) and are limited to one per semester. An aide assists the teacher in completing tasks such as filing, returning papers, organizing, cleaning, creating bulletin boards, etc. A contract with parent approval is required. Many students opt to receive Service Learning hours instead of the minimal credit. Hours are determined by the number of days present X 45 minutes (split block) or X 95 minutes (block). Students must notify the Counseling Center of the decision to get Service Learning Hours during the school year the class is taken. Students are responsible for coordinating with their supervising teacher and submitting the Service Learning Hours Verification Form that documents the number of service learning hours they have earned during the term.

39150 **MEDIA LAB AIDE**

1-2 Semesters .5 Credit Each

Prerequisite: Library Staff Approval

Grades 10 - 12

Library Media Aides will assist in the day-to-day operations of a school library media center. Students will learn to shelve books, check books in and out, and use the Online Public Access System (OPAC) to look up books that are in the GJHS Library and other District 51 libraries. Students are expected to provide quality customer service to student and staff patrons, and may also be asked to do other duties in line with being a student library media aide. Students are expected to maintain patron confidentiality, dress appropriately, be self-motivated and behave in accordance with an office environment. Students will receive a letter grade each quarter.

39110 **MAIN OFFICE AIDE**

1 Semester .5 Credit

Prerequisite: Application & Interview Required

Grades 10 -

12

Students may earn .5 credit for assisting with telephone answering, filing, customer service, and general office duties in the main office. Confidentiality required. A main office aide contract with parent and administrative approval must be completed. Main Office Aides must comply with the School Dress Code.

39120 **COUNSELING AIDE**

1 Semester .5 Credit

Prerequisite: Counseling Office Approval

Grades 10 - 12

Students may earn .5 credit for assisting with reception work, answering the telephone, running slips for students, filing, organizing, customer service and general office duties in the Counseling Center. Students are expected to maintain confidentiality concerning personnel actions. Students and parents must complete a contract which outlines roles and responsibilities and establishes behavioral expectations for the student. Students receive a letter grade for this work experience.

39130 **ATTENDANCE AIDE**

1 Semester .5 Credit

Prerequisite: Attendance Office Approval

Grades 10 - 12

Students may earn .5 credit for assisting with reception work, running slips for students, picking up attendance slips, filing, organizing, and other general office duties in the Attendance Office. Students are expected to maintain confidentiality concerning students and staff. Students and parents must complete a contract which outlines roles and responsibilities and establishes behavioral expectations for the student. Students receive a letter grade for this work experience.

**COLORADO MESA UNIVERSITY
WESTERN COLORADO COMMUNITY COLLEGE-BISHOP CAMPUS
HIGH SCHOOL COURSE OFFERINGS**

The following career and technical education programs are coordinated through Western Colorado Community College (WCCC) for the benefit of students in Mesa County Valley School District #51, Colorado Mesa University and the community. **Bus transportation is available from the area high schools to almost all of the technical education programs.**

THE CAREER & TECHNICAL EDUCATION ADVANTAGE

Study and skills training in technical education courses can achieve:

- Preparation for direct entry into work after high school with increased occupational choices and opportunities for career growth
- Preparation and pathways to post-secondary two or four year programs at the college or university level with some programs offering transferable college credits
- Specific occupational skills
- Employability skills
- Improved options for employment to earn money for continued education of choice
- College credit is available in all programs for qualifying students through the Technical Scholars program.

All WCCC programs offer equal enrollment opportunities for both males and females.

ENROLLMENT AND REGISTRATION PROCESS

High school students who want to enroll in a technical program at WCCC may do so through their high school counselor. Students are required to complete a WCCC application (available in high school counseling offices or at WCCC) and arrange for an interview with the program instructor to confirm enrollment. This interview can be arranged by contacting the WCCC Student Services or the program instructor and must be completed prior to the first day of class.

All programs are one year in length and take up three periods a day.

**Western Colorado Community College
2508 Blichmann Avenue
Grand Junction, CO 81505
(970) 255-2670**

Title	Subject Credit	1 st Semester	2 nd Semester
Digital Design I	Elective	.75 credit	.75 credit
	English Elective	.25 credit	.25 credit
	Fine Arts	.25 credit	.25 credit
	Computers	.25 credit	.25 credit

Title	Subject Credit	1 st Semester	2 nd Semester
Computer Networking I	Elective	1 credit	1 credit
	Math	.5 credit	.5 credit

Title	Subject Credit	1 st Semester	2 nd Semester
Machining Technology I	Elective	1 credit	1 credit
Machining Math	Math	.5 credit	.5 credit

Title	Subject Credit	1 st Semester	2 nd Semester
Marketing Education I	Elective	.5 credit	.5 credit
	English 3/English Elective	.5 credit	
	English Elective		.5 credit
	Math	.5 credit	.5 credit

Title	Subject Credit	1 st Semester	2 nd Semester
Medical Prep I	Elective	.5 credit	1.0 credit
	Science elective	.5 credit	.5 credit
	English Elective	.5 credit	

Title	Subject Credit	1 st Semester	2 nd Semester
STEM	Elective	.5 credit	.5 credit
	Science Elective	.5 credit	.5 credit
	Math Elective	.5 credit	.5 credit

Title	Subject Credit	1 st Semester	2 nd Semester
Culinary Arts	Elective	1.5 credit	1.5 credit

Title	Subject Credit	1 st Semester	2 nd Semester
Electrical Technology	Elective	1.5 credit	1.5 credit

Title	Subject Credit	1 st Semester	2 nd Semester
Transportation Services I	Elective	.5 credit	.5 credit
	Science Elective	.5 credit	.5 credit
	Math	.5 credit	.5 credit

Title	Subject Credit	1 st Semester	2 nd Semester
Welding Technology	Elective	1 credit	1 credit
Welding Math	Math	.5 credit	.5 credit

CAREER CENTER

The Career Center is structured to meet the career training needs of secondary school students. Emphasis will be given to 10th through 12th grade students who request a career training alternative allowing them to gain job-entry level skills in combination with the educational program at their home school. Academic instruction, which includes Key Train and Work Keys assessment, is an integral part of every vocational program. A goal of the Career Center is for every student to achieve a minimum Level 3 (Bronze), WorkKeys Certificate of Competency in reading, math and locating information. Students will then be prepared to enter the world of work or continue in a higher education program upon graduation. Opportunities at Career Center include the following:

Early Childhood Professions
Construction Technology
Healthcare Occupations
Small Animal Care

Horticulture
Culinary Arts Restaurant (Mod 3)
Small Engine Repair
Culinary Arts Prep (Mod 1)

Due to travel time, students attending Career Center will be eligible for only one release and/or study hall each semester in order to remain a full-time student.

41005 **EARLY CHILDHOOD PROFESSIONS**

4 Quarters 3 Credits

Location: Career Center

Grades 10 - 12

Do you like working with young children? Then we have a fun class for you! This program (ECP) combines direct experience of working with young children (3-4 years old) in a licensed preschool (ECE) with academic instruction in safety, child development, parenting, careers, in early childhood, nutrition, snack preparation, first aid, health, and curriculum planning. Advanced students may be eligible for placement at a training work site in a preschool, child care center or other related business in the community.

41035 **CONSTRUCTION TECHNOLOGY**

4 Quarters 3 Credits

Location: Career Center

Grades 10 - 12

Learn to use power drills, hammers, and saws as well as learn how to build a house. Students will obtain many skills in the construction field, including the proper care and use of hand tools and power equipment, shop safety, types of building materials, related applied mathematics, measuring, blueprint reading, framing and roofing. Students complete projects ranging from doghouses to a 1,800 square foot, \$200,000+ home. Advanced students may be eligible for placement in internships or paid employment.

41045 & 41055 **CULINARY ARTS**

Mod I 4 Quarters 3 Credits

Location: Career Center

Mod III 4 Quarters 4 Credits

Grades 10 - 12

Do you like to cook? Do you like working with people? The Culinary Arts program gives students experience working with the public in a licensed, school-based restaurant. Students operate and maintain the kitchen and dining room. The morning students are involved in food preparation and baking for the restaurant (COYOTE CAFÉ) and catering. Afternoon students do line cooking and serve customers, as well as catering.

42020 **COMPUTER TECHNOLOGIES**

4 Quarters 3 Credits

Location: Career Center

Grades 10 - 12

Are you interested in technology? Are you interested in understanding how technology impacts our lives every single day and its ability to make difficult and complex tasks easier? Do you enjoy solving puzzles? Computer Technologies takes students from the basic building blocks of technology, program code and hardware, and examines how they work together to help us perform everyday tasks easier and faster. Students learn these concepts through daily hands-on tasks that include programming, on-line research,

troubleshooting, and software and hardware installation. In addition, students learn valuable skills that can be applied to any job, including communication and customer service, sales and marketing, and inventory management. Learn these and many other skills as you work through hands-on, real world technology scenarios. *This class meets the .5 Computer Science credit required for graduation.*

41095 SMALL ENGINE REPAIR

4 Quarters 3 Credits

Location: Career Center

Grades 10 - 12

Do you want to learn how to change oil and spark plugs, rebuild carburetors and repair all kinds of small vehicles and machinery? This course will provide hands-on training in performing a complete overhaul of two and four stroke engines, test procedures and repair of electrical components. Students will also learn major repair of frame and suspension components and general repair of most small engines, including lawn mowers, chain saws, rotary tillers, motorcycles, and ATV's. Advanced students are eligible to test for certification through EETC, Snap-On, NFPA, Valvoline, and other agencies.

41070 SMALL ANIMAL CARE

4 Quarters 3 Credits

Location: Career Center

Grades 10 – 12

The Small Animal Care Program will introduce students to animal care skills necessary for small animal kennels, animal day care facilities, pet stores and animal clinics. The topics of study include small animal management, animal ethics and law, small animal assistant skills, veterinary terminology and career development. Science and math will be embedded in, but not restricted to, the animal nursing, clinical pathology, animal health and nutrition. Math will be embedded in the small animal office administration skills. Language skills are embedded in the required presentation, demonstration and research papers. Students will participate in off campus field trips to veterinary clinics, specialized veterinary clinics, boarding kennels, humane societies, pet stores, animal breeder, feed stores, local groomers and other sites related to the class curriculum.

42010 HEALTHCARE OCCUPATIONS

4 Quarters 3 Credits

Location: Career Center

Grades 10 – 12

Are you interested in the Healthcare Field? Do you like helping people? If the answer is yes, then this class is for you! Learn what jobs are available in the healthcare industry and what you need to do to become a healthcare professional. Hands-on activities include learning to take vital signs, field trips, medical terminology and medical professional guest speakers. Throughout the year, you will learn Personal Care Provider skills and may be eligible to earn a PCP certificate. Along with personal care provider skills, you will also learn CPR and basic First Aid. We will explore some of the body's major systems—digestive, respiratory, and circulatory. How many bones does the body have? Are there body parts you can live without? How does your body really work? Let's find out!

40001 HORTICULTURE

4 Quarters 3 Credits

Location: Career Center

Grades 10 – 12

The horticulture program helps students learn about greenhouse management, the growth of plants, and the sales of the plants.

40002 AP COMPUTER SCIENCE PRINCIPLES

4 Quarters 3 Credits

Location: Career Center

Grades 10 – 12

The AP Computer Science A course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.

