PALISADE HIGH SCHOOL

2025-2026

COURSE GUIDE

Palisade High School

3679 G Road

Palisade, Colorado 81526

970.254.4800

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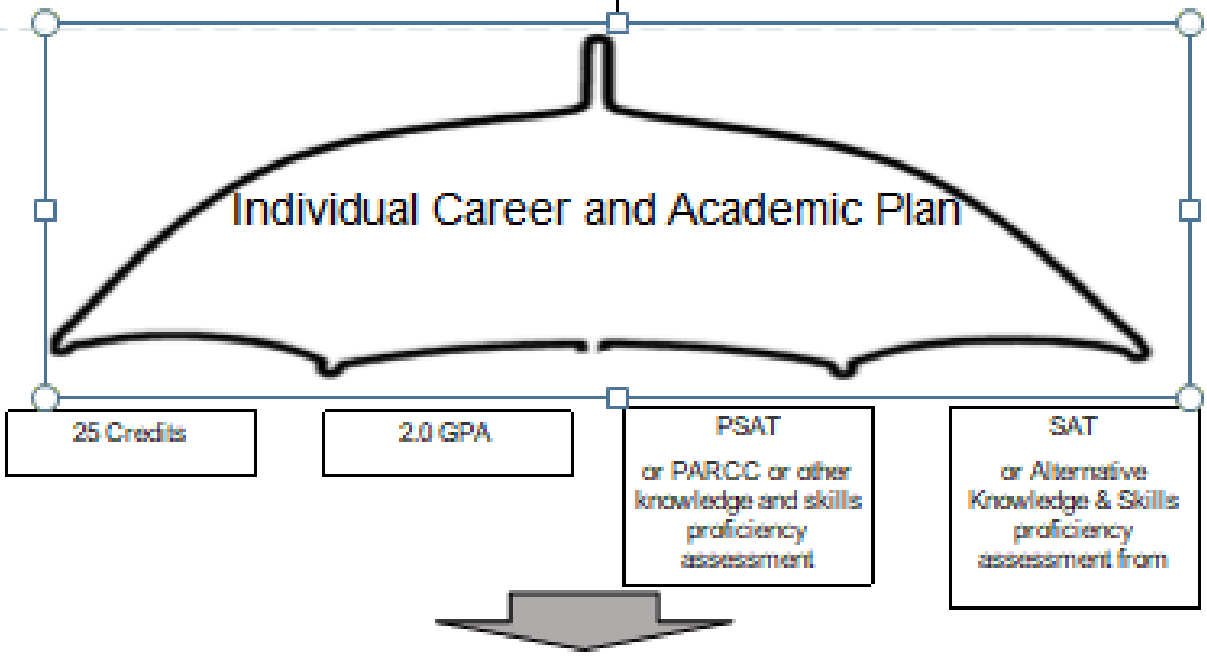
School District 51
MESA COUNTY VALLEY

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.***



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

Graduation pathways are listed below:

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	COLLEGE READY	MILITARY READY
Workkeys	AP/IB Scores	ASVAB
Industry Certificate	Concurrent Grades	Workkeys
Capstone	Capstone	Industry Certificate
	ACT/SAT Scores	Capstone

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

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

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.

District 51 High School Graduation Requirements
and
Colorado College Admission Requirements

Students must meet the following District 51 course graduation requirements: *

- □ 4.0 Credits – English Language Arts
- □ 3.0 Credits - Social Studies
- □ 3.0 Credits - Science
- □ 3.0 Credits - Mathematics (credits must include Alg I.and higher or Math 1 and higher)
- □ 0.5 Credits - Physical Education
- □ 0.5 Credits - Personal Fitness and Wellness
- □ 0.5 Credits - Computer / Technology Science (Computer Science Explorations or approved equivalent entry-level class meets this req.)
- □ 0.5 Credits - Fine Arts (Instrumental Music, Performing Arts, Visual Arts or Humanities meet this requirement)
- □ 10.0 Credits - General Electives

25 Credits (Total)

Note: Within the 25 credits listed above, a student must meet the ***Personal Financial Literacy*** requirement by obtaining 0.5 credits in one of the following: Personal Finance, Economics, Independent Living/Life Management, Wealth Management, or AG Business Management.

Two credits need to be intentional ICAP electives.

Students planning to attend a four-year public college or university in Colorado will need to complete the following credits in order to fulfill the Higher Education Admission Requirements (HEAR):

Academic Area	Required Credits
English Language Arts	4.0 credits
Mathematics** (Must include Algebra I, and higher or Math 1, and higher)	4.0 credits**
Natural/Physical Sciences (Two units must be lab-based)	3.0 credits
Social Sciences (At least one unit of U.S.)	3.0 credits
Foreign / World Language***	1.0 credits***
Academic Electives***	2.0 credits***

ATTENTION POTENTIAL COLLEGE ATHLETES: Check with school counselor for NCAA academic eligibility requirements.

Note: Colleges and universities adjust their application standards frequently. Students are encouraged to contact representatives from their college of interest each semester.

* Additional information about specific courses meeting these D51 Graduation Requirements available in the counseling office.

** Mathematics entrance requirements for a four-year public college in Colorado listed in chart directly above.

*** Acceptable Academic Electives include additional courses in English Language Arts, mathematics, natural/physical sciences and social sciences, foreign / world languages, computer science, honors, AP & IB courses, and appropriate CTE courses.

GRADUATION GUIDELINES | FACT SHEET

Menu of College and Career-Ready Demonstrations

High school graduation requirements are set by local school boards. They must align with the Colorado Graduation Guidelines, which are designed to help all students and families in Colorado plan for success after high school.

Local school boards and districts select from this menu to create a list of options that their students must use to show what they know of can do in order to graduate from high school. Schools 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.

Districts have the authority to provide accommodations to students in meeting the college and career demonstrations necessary to earn a standard high school diploma for: English learners, gifted students and students with disabilities.

Graduation Guidelines begin with the implementation of Individual Career and Academic Plans (ICAP); 21st Century Essential Skills; and Colorado Academic Standards for all content areas, including: one course in Civics, and by July 2023, one course that incorporates Genocide and Holocaust studies.

Students must demonstrate readiness for college and career based on at least one measure in Reading, Writing and Communicating, and one measure in Mathematics [1].

MENU OF OPTIONS: This menu lists the minimum scores required.

ACCUPLACER

	Reading, Writing and Communicating	Mathematics	
CLASSIC	62 on Reading Comprehension OR 70 on Sentence Skills	61 on Elementary Algebra	**ACCUPLACER** is a computerized test that assesses reading, writing, math and computer skills. The results of the assessment, in conjunction with a student's academic Background, goals and interests, are used by academic advisors and counselors to place students in college courses that match their skill levels.
NEXT GENERATION	241 on Reading OR 236 on Sentence Writing	255 on Arithmetic (AR) OR 230 on Quantitative Reasoning, Algebra, and Statistics (QAS)	

ACT

Reading, Writing and Communicating	Mathematics	
18 on ACT English	19 on ACT Math	**ACT** is a national college admissions exam. It measures four subjects – English, reading, math and science. The highest possible score for each subject is 36.

ACT WorkKeys – National Career Readiness Certificate

Reading, Writing, Communicating, and Mathematics	
Bronze or higher	**ACT WorkKeys** is an assessment that tests students' job skills in applied reading, writing, mathematics and 21st century skills. Scores are based on job profiles that help employers select, hire, train, develop and retain a high-performance workforce. Students must score at the bronze level (a score of at least 3) in all three assessments- Applied Mathematics, Graphic Literacy and Workplace Documents - and they will earn the ACT's National Career Readiness Certificate.

In order to match the language in statute for Colorado Academic Standards, and to better reflect the skills necessary for success in life after high school, "English" and "Math" have been more clearly defined as, "Reading, Writing, and Communicating" and "Mathematics."

District Guidance: www.cde.state.co.us/postsecondary/graduationguidelines

OCTOBER 2021

Menu of College and Career-Ready Demonstrations, Page 2

Advanced Placement

Reading, Writing and Communicating	Mathematics	
2	2	**AP exams** test students' ability to perform at a college level. Districts choose which AP exams will fulfill this menu option. Scores range from 1 to 5 (highest).

ASVAB

Reading, Writing, Communicating, and Mathematics	
31 on the AFQT	The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine students' eligibility and suitability for careers in the military. Students who score at least 31 on the AFQT are eligible for service (along with other standards that include physical condition and personal conduct). Students who take the ASVAB are not required to enlist in the military.

Concurrent Enrollment

Reading, Writing and Communicating	Mathematics	
Passing grade per district and higher education policy	Passing grade per district and higher education policy	**Concurrent enrollment** provides students the opportunity to enroll in postsecondary courses, simultaneously earning high school and college credit. School districts and institutions of higher education each determine passing grades for credit and concurrent enrollment. An eligible concurrent enrollment course is 1) the prerequisite directly prior to a credit-bearing course or 2) a credit-bearing course, and 3) governed by a district-level cooperative agreement or MOU. Districts choose which courses will fulfill the option.

District Capstone

Reading, Writing and Communicating	Mathematics	
Individualized	Individualized	**A capstone** is the culminating exhibition of a student's project or experience that demonstrates academic and intellectual learning. Capstone projects are district determined and often include a portfolio of a student's best work.

Industry Certificate

Reading, Writing and Communicating	Mathematics	
Individualized	Individualized	**Industry certificates** are credentials recognized by business and industry. They are district determined, measure a student's competency in an occupation, and they validate a knowledge base and skills that show mastery in a particular industry.

International Baccalaureate (IB)

Reading, Writing and Communicating	Mathematics	
4	4	**IB exams** assess students enrolled in the official IB Diploma Programme. Districts choose which IB exams will fulfill this option. Scores range from 1 to 7 (highest).

SAT - Scores updated for SAT (2016)

Reading, Writing and Communicating	Mathematics	
470	500	**The SAT** is a college entrance exam. The SAT includes sections on reading, writing and math. The highest possible score for each section is 800.

Collaboratively developed, standards-based performance assessment

Reading, Writing and Communicating	Mathematics	
State-wide scoring criteria	State-wide scoring criteria	For this option, students use an authentic application of Essential Skills for Postsecondary and Workforce Readiness, through the creation of a complex product or presentation.

District Guidance: www.cde.state.co.us/postsecondary/graduationguidelines

Credits Needed to Graduate-The following illustrates the number and types of credits needed to graduate from Palisade High School.

4 Credits **Language Arts**- This includes:

- English Composition/Literature 9 or Honors English Composition/Literature 9
- English Composition/Literature 10 or AP Seminar
- Composition 11 or AP English Language
- Senior English option or AP English Literature
- Language Arts Elective (like Mythology, Forensics)

3 Credits **Science-** This includes:

- Biology
- Physics
- Chemistry

3 Credits **Math**- This includes:

- Algebra I
- Geometry
- Algebra III
- AP Pre-Calc/AP Statistics or Applications of Statistics
- AP CalculusAB/AP Calculus BC
- Accounting, Personal Finance, Business Math CMU Math

3 Credits **Social Studies**- This includes:

- World Studies or AP Human Geography
- US History or AP US History
- American Government/AP American Government
- Social Studies Elective (Economics)

½ Credit **Computer Science**- This includes:

- Computer Science Foundations, Web Design

Financial Literacy- This includes:

- Economics or Personal Finance

1 Credit **Physical Education**- This includes:

- Personal Fitness & Wellness
- Choice of PE Class (the majority of students take HS PE I)

½ Credit **Fine Arts**- This includes:

- Art
- Choir
- Band and Orchestra
- Theatre

10 Credits **Electives**- This includes:

- Two of these credits must be Intentional ICAP electives which are those that are are in-line with your career goals

25 Total Credits

GUIDANCE & COUNSELING SERVICES

GUIDANCE & COUNSELING SERVICES

Students may see any counselor on the staff regarding personal issues. For the purposes of educational decisions, registration, and general guidance activities, students should see their assigned counselor.

Except for unusual circumstances, students should see their counselor before or after school, between classes, or at lunch. Counselors cannot see students during class unless a teacher has sent the student or the counselor sends for the student. Students may request an appointment by filling out a slip in the Counseling Office.

P.A.C.K. System ID Badges - *School I.D.s – the first one is free. A second school I.D. is $5. You may purchase a replacement badge in the Counseling Office.

Individualized Career and College Plan (ICAP)

Mesa County Valley School District has a comprehensive guidance curriculum to support each student's ICAP. All four years of each student's ICAP work is recorded in Schoolinks.Our topics and activities for each grade level are:

The 9th Grade Curriculum… "Find your path"

- CGet suggested career clusters based on your personality. The "Find your path" assessment is based on your responses to the questions in your profile
- Understanding credits and how to graduate
- Career exploration
- Post-secondary goal setting

The 10th Grade Curriculum…Career Exploration

- Continue to explore career and college options
- Building a resume
- Students visit CMU Tech campus in January to explore Tech Scholars options for Junior & Senior years

The 11th Grade Curriculum… "Exploring the Post-Secondary World"

- SAT testing preparation
- Update post high school goals
- Understand how to navigate Schoolinks in the college application process
- Update goals, start favoriting schools or getting involved in Internships/trades etc.

The 12th Grade Counseling Curriculum… "Get it Done!"

- Senior Seminar meetings – what to do to get the most out of your senior year, senior timeline, how to find info on college admissions, scholarships, & financial aid, how to request transcripts & letters of recommendation
- Free App Week in October – may be tied to Senior Work Day
- Update goal, add/adjust tasks for the year
- Senior Work Day – seniors work on college applications, meet with military personnel, or practice job interview skills with Workforce Center rep
- Unified Financial Aid Night – presentation in January on FAFSA, scholarships, & career pathways
- Followed up by Financial Aid Nights at individual high schools, college reps help our students/parents fill out FAFSA

Counselors strive to provide students with up-to-date occupational and career information. Students should understand that the courses they select often have significant bearing on the options open to them in the future.

School District 51
MESA COUNTY VALLEY
ENGAGE. EQUIP. EMPOWER

District 51 ICAP

ICAP or Individual Career and Academic Planning is a process for developing career literacy in our students!

Students must first get to know themselves and understand their skills and talents. Then, they can connect those traits to a career pathway. By exploring career clusters and learning about possible future jobs, we hope to spark excitement in our students. When students have an idea about what they want to do later in life, we can help them take the courses they need in high school. Having a plan prepares our youth for their career of choice, and the training or educational track they will need to get there. Connecting school to career exploration makes learning fun and relevant, and gives students hope for their future!

the ICAP in Middle School

Start the Journey!

In middle school, our students begin to learn about themselves by identifying strengths and setting goals to keep those skills strong. They also look at areas of growth and celebrate their successes.

Students engage in exploratory electives based on their interests to discover what they really enjoy spending time on.

Our middle school students take the career cluster finder to begin to look at career paths and plan for high school courses in the cluster of their choice. They identify ICAP electives that will help them dive deeper into their career pathway.

ICAP in High School

9th Grade

In freshmen year, our students participate in a career scavenger hunt, using the results from their career cluster finder. They learn about daily tasks and skills needed for the job they want, income, job outlook, and training options.

10th Grade

During sophomore year, we look at opportunities to make the most out of junior and senior year. We explore ideas like AP courses, apprenticeships, WCCC programs and more!

11th Grade

As a junior, students start steps that help them with the training programs and/or colleges that will lead to the job they want. They research their choices and create a presentation or report. Students dig into resumes, personal essays, and applications of all types.

12th Grade

In senior year, it's time to finalize plans and get to work! We have free college application week, visits from the military and workforce center, and lots of application tracking and transcript requests through Naviance.

FIND YOUR PATH

SUCCESS!

Career and College Ready!

powered by PIKTOCHART

COLLEGE GUIDANCE

The Palisade High School College Guidance Program is structured to provide students with strategies for success both in high school and beyond. Students are encouraged to choose high school courses and curriculum with their career, college, and post high school training goals in mind. Students have access to Schoolinks which provides help searching for careers, majors, colleges, tech schools and scholarships. Counselors also meet with classrooms and small groups regarding high school and college planning/admissions, test interpretation and preparation, financial aid, as well as early career experiences offered at PHS. Many colleges send admission representatives to visit the high school each year. Students and families are urged to take advantage of these visitations and other informational programs. Please listen to PHS daily announcements, check ParentVue, and read the newsletter.

FULL TIME 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 programs and staff with all available resources and funding. Our District 51 General Fund revenues are generated through the legislation determined by the Colorado School 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 maintain "full-time status" for the fall semester. Full-time status is defined as follows: enrollment in classes a minimum of 6 out of 8 periods for the fall semester (Freshman & Sophomores must have a full 8 period day). Due to the impact of travel time, a student enrolled in off campus programs (Career Center, Western Colorado Community College, or attending CMU as a concurrent student) must work with their counselor to ensure they are enrolled as a full-time student.

SCHEDULE CHANGE/CLASS ADD-DROP***

Students have the opportunity to make adjustments to their schedules two times a year, before the start of each semester. Once the current term has begun, schedule changes will only be considered in extreme circumstances. For those rare situations when classes are changed, the following policy applies:

- Students have the first six (6) days of a term in which to drop a class without it being recorded on their transcript.
- Classes dropped after the 6th day will be recorded on the transcript as either a WP (Withdrawal Pass) if they have a passing grade at the time of the drop, or a WF (Withdraw Fail) if the student has a failing grade at the time of the drop. The final day

for a student to drop a class without the penalty of receiving a WF will be at the time mid-term grades are available (approximately 4.5 weeks in an accelerated block class; 9 weeks in a semester-long class). After midterms, all drops are recorded as a WF, regardless of the grade the student has in the class at the time of the drop. Remember that a WF has the same impact on a GPA as does an F.

- Students are required to make changes to their schedules BEFORE the new term begins. In exceptional circumstances, like transferring between schools, 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.

SENDING TRANSCRIPTS TO COLLEGES AND UNIVERSITIES

Transcripts are mailed or electronically transmitted to colleges and universities throughout the school year at the electronic request of the student. This service is available through the Counseling Office. Students can also request a hard copy for their use from the Counseling Office secretaries.

2025-2026 NATIONAL COLLEGE ADMISSIONS TEST SCHEDULE

Students must register and pay fees one month in advance of the test date. Registration materials are in the Counseling Center or online at: and **www.collegeboard.org** for the SAT and **www.ACTstudent.org** for the ACT. **These tests are not administered at PHS.**

SAT Test Dates-_Final Dates Posted Summer 2021_	**ACT Test Dates-**_Final Dates Posted Summer 2021_
August 23, 2025	September 6, 2025
September 13, 2025	October 18, 2025
October 4, 2025	December 13, 2025
November 8, 2025	February 14, 2026
December 6, 2025	April 11, 2026
March 14, 2026	June 13, 2026
May 2, 2026	July 11, 2026
June 6, 2026	

***All Juniors will take the state mandated SAT during a non-national test date in April, administered at PHS.**

GRADE POINT AVERAGES (GPA)

Grades become a matter of permanent record and are used in computing cumulative Grade Point Average (GPA). Credit is given ONLY at the end of a class. Grades given on the report cards evaluate performance in this manner:

A = 90% - 100%
B = 80% - 89%
C = 70% - 79%
D = 60% - 69%
F = 60%

GPA is composed on a basis of A = 4 quality points, B = 3 quality points, C = 2 quality points, D = 1 quality point, F = 0 points. Students who complete an Advanced Placement/International Baccalaureate/CMU Concurrent course will have a weighted GPA with A=5 quality points, B=4 quality points, and C=3 quality points.

Credits are generally issued in .5 increments. Exceptions to this apply to aide positions and courses taken at CMU Tech, Career Center, and/or Valley School.

EARNING CREDITS IN SCHOOL DISTRICT 51

1. Credit is granted at the end of each term.
2. Students failing or unsuccessfully completing a required course for ½ unit of credit will have to make up the failed requirement.
3. A limited number of additional credits may be earned by making arrangements in advance through the Counseling Office. Credits may be earned in the following manner:
    a. Correspondence courses
    b. District 51 on-line
    c. District 51 summer schools
    d. Arrangements may be made for students to earn college credits and high school credits concurrently while enrolled in a high school program.

DEFINITIONS

1. The school year consists of 2 semesters, which are 18 weeks each in length. The majority of core academic classes are two semesters in length. We have a limited number of accelerated classes (generally math) that are semester long.
2. A predetermined amount of credit is earned at the end of each successfully (grade of D- or above) completed course.
3. **Academic courses** are generally courses in the areas of English Language Arts, Mathematics, Science, Social Studies, World Languages, and Computer Science.
4. A **prerequisite** is a course that must be successfully completed before taking certain other courses. For instance, Spanish I is a prerequisite to Spanish II, because

a student may not take Spanish II before he/she has successfully completed Spanish I.

5. **Required courses** are classes a student must take in order to meet graduation requirements.
6. **Elective courses** are courses that a student may choose in accordance with his/her interests, aptitudes, and future plans.
7. Credits at Palisade High School are Carnegie units.

GRADE IMPROVEMENT/REPLACEMENT

When a student chooses to repeat a class that s/he **failed** (including WF), the previous grade will be replaced with a designation of "NG" for no grade.

When a student chooses to repeat a class that s/he **passed**, the previous grade may be replaced with a designation of "NG" for no grade, once the repeated class is completed and the Drop-Credit form is signed.

*By taking this option, the highest grade is used for the credit and GPA. This option will positively affect the GPA, but will not increase the total number of credits.

When a student chooses to repeat a class that s/he **passed**, the previous grade may remain as an elective credit while the new grade is used to fulfill the original requirement.

* By taking this option, both grades will count towards credit and both grades will count towards the GPA.

MIDDLE SCHOOL OPTIONS: Algebra I AND Biology

Students may receive one high school credit for each class (Algebra 1, Geometry, Algebra 2, or Biology) taken at middle school with the following conditions:

- The middle school class must be taught by a teacher who is "highly qualified" or is currently working to be "highly qualified" in the appropriate content area.
- The middle school class must be taught with a Board approved textbook (or equivalent curriculum) in the same content area. Articulation and communication between the middle school and high school regarding course content and alignment to the state standards will further enhance and ensure success.
- The middle school grade must be a 3 or better to count towards a high school credit.
- A student in high school cannot use their middle school grade as a replacement grade.
- Credit must be received from within a District 51 school or within an accredited program including Holy Family or Messiah Lutheran or with a transcript from outside the district accompanied with a letter stating the criteria of the middle school course(s) taken.
- Students participating in sports at a NCAA College – the NCAA Clearinghouse (Eligibility Center)will accept high school courses that are taken in the 8th grade year if it is the same course taught by the high school and the student receives credit, and a grade is posted on his/her high school transcript.
- Parents will be notified of the high school options at the end of their child's 8th grade year. The notification will be sent to them with their child's final report. Parents will utilize the attached "Request for High School Credit" form. This form will allow parents and students to choose from the following three options:
    - o Option1: 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 GPA.
    - o 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 GPA.
    - o 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 GPA.

March 1st of the student's senior year will be the last date that a student may add or remove a middle school credit to his/her high school transcript.

PHS Sports Programs

Athletics

District 51 offers interscholastic programs in each of the following sports (these are the only sports for which District 51 awards varsity athletic letters):

Fall Season	**Winter Season**	**Spring Season**
Cheer/Poms	Basketball – Boys	Baseball
Cross Country – Boys/Girls	Basketball – Girls	Golf - Girls
Football	Cheer/Poms	Lacrosse – Boys/Girls
Golf-Boys	Swimming – Girls	Soccer - Girls
Soccer - Boys	Wrestling-Boys/Girls	Swimming - Boys
Softball		Tennis - Girls
Tennis – Boys		Track & Field
Volleyball		

In order for a student to participate in any interscholastic sport, he/she must complete each of the following: Affidavit of residence, insurance information, participation permission, transportation acknowledgement, annual physical examination, media release form, training rules contract and pay an athletic fee. These forms are available at https://phsd51-ar.rschooltoday.com/

Students must maintain a full time schedule (6 classes/3 Credits)

The fee for participation in an athletic activity is $150 per sport. School District #51 spends, on average, over $500 per athlete per sport season. The participation fee helps to cover expenses including, but not limited to, supplies/equipment, uniforms, transportation, officials, game workers, building/field costs and rental, salaries, travel expenses, etc…

NCAA – NATIONAL COLLEGIATE ATHLETIC ASSOCIATION

If you are interested in playing college athletics at the Division I or II level, you must complete the NCAA Initial-Eligibility Clearinghouse Form, available online at https://web3.ncaa.org/ecwr3/ . The NCAA will evaluate your academic credits and grades, ensuring you are academically eligible to participate in college athletics. **NCAA requirements are more intense than PHS graduation requirements, so make sure you're taking necessary coursework. See Mr. Hawkins in the Athletic Office for assistance with Clearinghouse applications.**

Student athletes are encouraged to register with the NCAA during their sophomore year!

To fulfill NCAA Division I or II eligibility, a student must meet the following requirements:

- *16 Core Academic credits: (Online courses DO NOT COUNT!!)*
  - Four years of English
  - Three years of Math (Algebra 1 or higher)
  - Two years of natural/physical science (including 1 year of lab science)
  - One additional year of English, math, or natural/physical science
  - Two years of social science
  - Four additional years of English, math, natural/physical science, social science, world language, comparative religion of philosophy
- *A minimum GPA of a 2.3 (Division I) or 2.2 (Division II)in core courses*
  Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division I or II sliding scale, which balances your test score and core-course GPA. If you have a low test score, you need a higher core-course GPA to be eligible. If you have a low core-course GPA, you need a higher test score to be eligible.

To determine which PHS courses are approved for NCAA eligibility, go to https://web1.ncaa.org/hsportal/exec/hsAction in the "NCAA High School Code" field on the left and *enter the PHS code number* ***061140.***

The NCAA Clearinghouse website includes an Eligibility Quick Reference Sheet that will give you a general idea of your standing. Because of recent changes in eligibility rules, we highly recommend you speak with Mr. Hawkins to ensure you are taking appropriate core courses and are achieving at the necessary level.

We encourage students who are interested in participating in college athletics to not only welcome recruiting from coaches, but to contact the coaches at the individual schools in which they are interested. Students should send all pertinent information about their athletic abilities, including a letter of interest, a resume that outlines times or positions played, honors and awards, and a video (if appropriate). Talking with your PHS coach about your potential is also very necessary. You may want to ask your coaches to send videos and/or to contact coaches on your behalf. Don't procrastinate registering with NCAA

NCAA Approved Core Courses
***Subject to change**

LANGUAGE ARTS

Comp/Lit 9**
Honors Comp/ Lit 9**
Comp/Lit 10**
Hon Comp/Lit 10**
Comp 11 **
Brit Lit**
Modern Lit**
Creative Writing**
Forensics I (Debate)**
Humanities**
Journalism**
Mythology**
Science Fiction**
Speech**
AP English Lang**
AP English Lit**
IB English 11 HL**
IB English 12 HL**

MATHEMATICS

Algebra 1/Math I**
Geometry/Math II**
Algebra 2/Math III**
AP Pre-Calculus**
Trigonometry**
AP Statistics**
AP Calculus AB**
AP Calculus BC**
CMU MATH 113**
IB Math 1 & 2 SL/HL**
IB Math Studies SL**

SOCIAL STUDIES

World Studies**
U.S. History**
American Government**
Law Related Education**
Economics**
Psychology**
Sociology**
World History-Middle Ages**
AP American Government**
AP Human Geography**
AP Psychology**
AP US History**
IB History of the Americas HL**

SCIENCE

Environmental Science**
Honors Environmental Science**
Geophysical Science**
Honors Unified Science**
Biology**
Honors Biology**
Anatomy and Physiology**
Astronomy**
Botany**
Chemistry**
Chemistry in the Community**
Physics**
River Dynamics**
Zoology**
AP Biology**
AP Environmental Science**
IB Biology 1 SL/HL**
IB Biology 2 SL/HL**
IB Enviro Systems + Society 1 & 2 SL**

WORLD LANGUAGES

Spanish I**
Honors Spanish I
Spanish II**
Spanish III/ Honors II**
Spanish IV**
Spanish for Native Speakers**
French I**
French II**
Honors French I**
Honors French II**
AP Spanish Lang**
IB French 1 & 2 SL/HL**
IB Spanish 1 & 2 SL/HL**
IB Theory of Knowledge 1&2**

POST SECONDARY OPPORTUNITIES-College Credit Opportunities for Students

The District is pleased to offer our high school students access to advanced learning opportunities through our partnership with Colorado Mesa University (CMU) and Western Colorado Community College (CMU Tech) as well as selected area colleges. The recent legislation, House Bill 1319, facilitated changes in our college opportunities for high school students. In an effort to increase exposure to college courses that are in alignment with the student's future career and academic plan (the ICAP), the District is offering the following program to students who meet the set criteria.

Concurrent Enrollment- This program allows qualified 10^{th}-12^{th} 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 CMU Tech:

1. **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.
2. **The student must meet the following academic criteria:**
    - 2.0 or higher cumulative GPA
    - Be on track for graduation-Students must pass 6.0 credits per year
    - SAT/ACT sub-scores of:
        - 540/23 or above in Math (for those seeking Math courses)
    - Students may use commensurate ALEKS assessment scores in lieu of the SAT/ACT scores. The ALEKS is given through CMU's Testing Center.

***It is the student's responsibility to pay for SAT/ACT or ALEKS testing

If the above criteria have been met, then the student may be eligible to take college level courses from CMU/CMU Tech. Many of the science classes have a mandatory lab that is a separate class, but must be taken during the same term as the science lecture course. In this case, the lecture and lab class would be counted as "one" class.

The District pays the tuition for all concurrent enrollment coursework. The student/family is responsible for books and fees. As part of the application process, students are responsible for applying for the College Opportunity Fund (COF) stipend. Successful completion of college coursework is defined as a final grade of a C or better. If a C or better is not earned, the student/family is responsible for reimbursing the District the cost of tuition for the course. To encourage all students to take advantage of concurrent enrollment opportunities, the *first* concurrent course that a student attempts is eligible to be financially forgiven if the student earns a grade lower than a C.

Students meeting the above criteria may choose from courses selected from the General Education Courses for Baccalaureate, Associate and Certificate degree programs. This list is very comprehensive, and many disciplines are represented. Courses (unless otherwise noted) in the list are classified as Guaranteed Transfer (GT) courses according to the Colorado Department of Higher Education (CDHE). GT courses are guaranteed to transfer among any of Colorado's public colleges and universities. While students are not limited to these GT courses, they are strongly encouraged to take GT courses. GT courses are also weighted on a 5.0 GPA scale.

The list of GT courses offered at CMU is on their website.

Students and families are encouraged to plan carefully and to keep in contact with the student's counselor, as timelines do exist.

CMU 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 student's AP scores. CMU's AP equivalency chart shows that 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 Colorado Mesa University and District #51, eligible students (9^{th}-12^{th}) can receive Colorado Mesa University (CMU) and high school credit for taking these courses. The courses are taught in the high schools 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 SCHOLARS

This program provides qualified students the opportunity to take CMU Tech career & technical education courses in their high school or at CMU Tech and earn college credits. The courses are available to students attending CMU Tech 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 responsible for applying for the College Opportunity Fund (COF) stipend to offset their tuition.

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/CMU Tech 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 and/or earn qualifying scores on AP exams
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

Palisade Futures Pathway Program

The aim of the Futures Pathway Program is to extend the values of MYP and provide direction during the four year journey at PHS based on the students' interest and career goals. Each pathway adopts an industry theme or "pathway of study" to give students context for better understanding of the academic and technical fundamentals they will need to succeed in any post-secondary option they choose.

The Palisade Futures Pathways Program transforms a student's high school experience by bringing together strong academics, demanding technical education, authentic experiences, culminating in dual-credit, internships, and/or industry credentials.

Offered '25-'26 Pathways include:

- LEAD (Leading Effectively Through Accountability & Development)
- Culinary Arts
- Hospitality, Resort, & Event Management
- Fire & EMT Academy
- Peace Officer Pre-Academy
- Careers in Construction
- Careers in Business
- Biliteracy Career Pathway

For more information and to view the different Pathways available to you please refer to the Handbook Palisade Futures Pathways Program.

ADVANCED PLACEMENT

- The most important factor for admittance into AP courses is STUDENT DESIRE! Other factors which can be considered are grades, test scores, teacher recommendations, and parent/guardian requests.
- Student's commitment to meeting the challenge is critical to success.
- Students should expect a significant amount of work outside of class.

AP classes can save students both time and money. AP classes can also give students a lead in the application pool in some of today's highly selective colleges and universities. There is a cumulative exam in May that students are encouraged to take. There is a fee for the exams, but compared to the cost of tuition, the cost is minimal! Colleges and universities award credits based on these AP test scores. This can save a student money

for and potentially shorten his/her college career. In addition, many studies have indicated that students who take AP courses typically perform better in college and graduate from college at a higher percentage rate than those who do not. AP classes are designed to prepare you for college courses.

The following AP courses may be offered:

AP United States History	AP American Government	AP Psychology
AP Human Geography	AP Environmental Science	AP PreCalculus
AP English Language	AP English Literature	AP Calculus AB
AP Spanish Language	AP Seminar	AP Calculus BC
		AP Statistics

SPECIAL EDUCATION SERVICES

The special education department at Palisade High School has designed a continuum of services to meet the varying needs of students with all types of disabilities. We believe that students should be in the general education program whenever they can benefit from the instruction or the interaction with their peers. Students will follow one of the multiple pathways to graduation that has been established by the board. The student's multi-disciplinary team will determine which pathway is appropriate through the individual education planning process.

There are a variety of services at varying intensities that are available to students. The following is a list of some of the possible services:

- ✓ The staff may work with the student's teachers to modify, accommodate, and structure assignments to make them more accessible to the student.
- ✓ The staff may provide support in the completion of assignments, organization of the student's work and studying for exams during a structured study time. This is usually limited to one 45 minute time period of the day.
- ✓ The staff may provide instruction at the student's level in the content areas of social studies and science.
- ✓ The staff may provide assistance in dealing with stress, or conflict resolution with peers or staff.
- ✓ The staff may provide instruction in the areas of functional academics, recreation and leisure, communication skills, personal living, vocational and motor skills.
- ✓ Students with disabilities may participate in a vocational program through electives at PHS, the Career Center, Western Colorado Community College, or on-the-job

training.

Students receiving services through the Special Education Program have a Case Manager who works closely with the students and their families regarding the student's Individualized Education Program (IEP). Many students have a Study Skills period each day that provides additional time to complete academic work as well as to have access to a resource teacher. Families can contact their student's Case Manager through ParentVue by clicking on the name of the teacher listed as "PB Support".

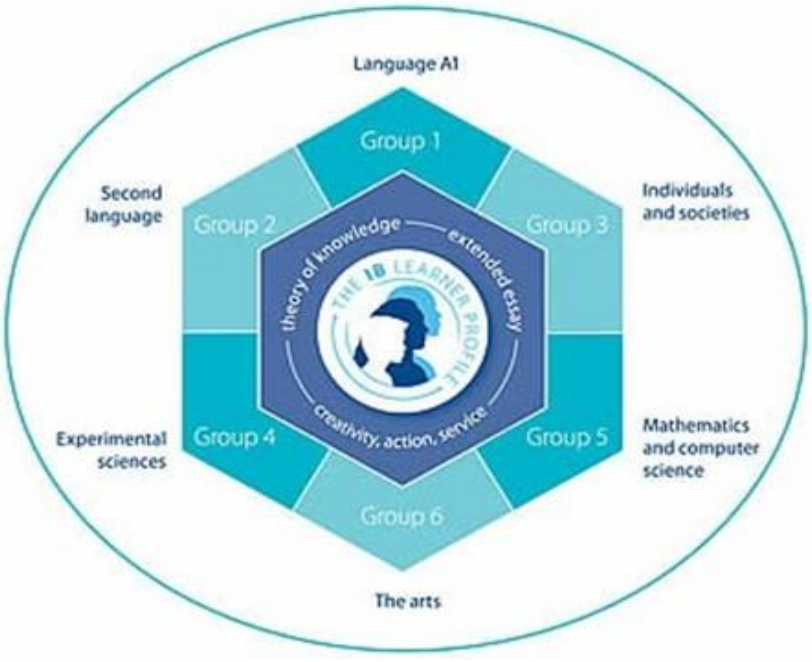
THE INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAMME (IB)

What is the IB Programme?

The International Baccalaureate (IB) program was founded in 1967 to provide a rigorous, well-rounded education for students throughout the world, enabling them to qualify for university study no matter where they had pursued their high school education. The program is a rigorous pre-university course of study that meets the needs of highly motivated secondary school students. IB prepares students for adulthood by enhancing skills in creativity, critical thinking, technology, and international understanding. Students who graduate from the IB programme are well prepared for college coursework. The IB Diploma Programme is offered during grades 11 and 12, with students completing pre-IB course work in grades 9 and 10.

Students submit applications to the IB Programme in the spring semester of eighth grade. While there is a cohort of students in the IB Programme, all Palisade students benefit from the intense and rigorous training our teachers have undergone, making Palisade a school focused on fostering kind, caring and globally aware citizens!

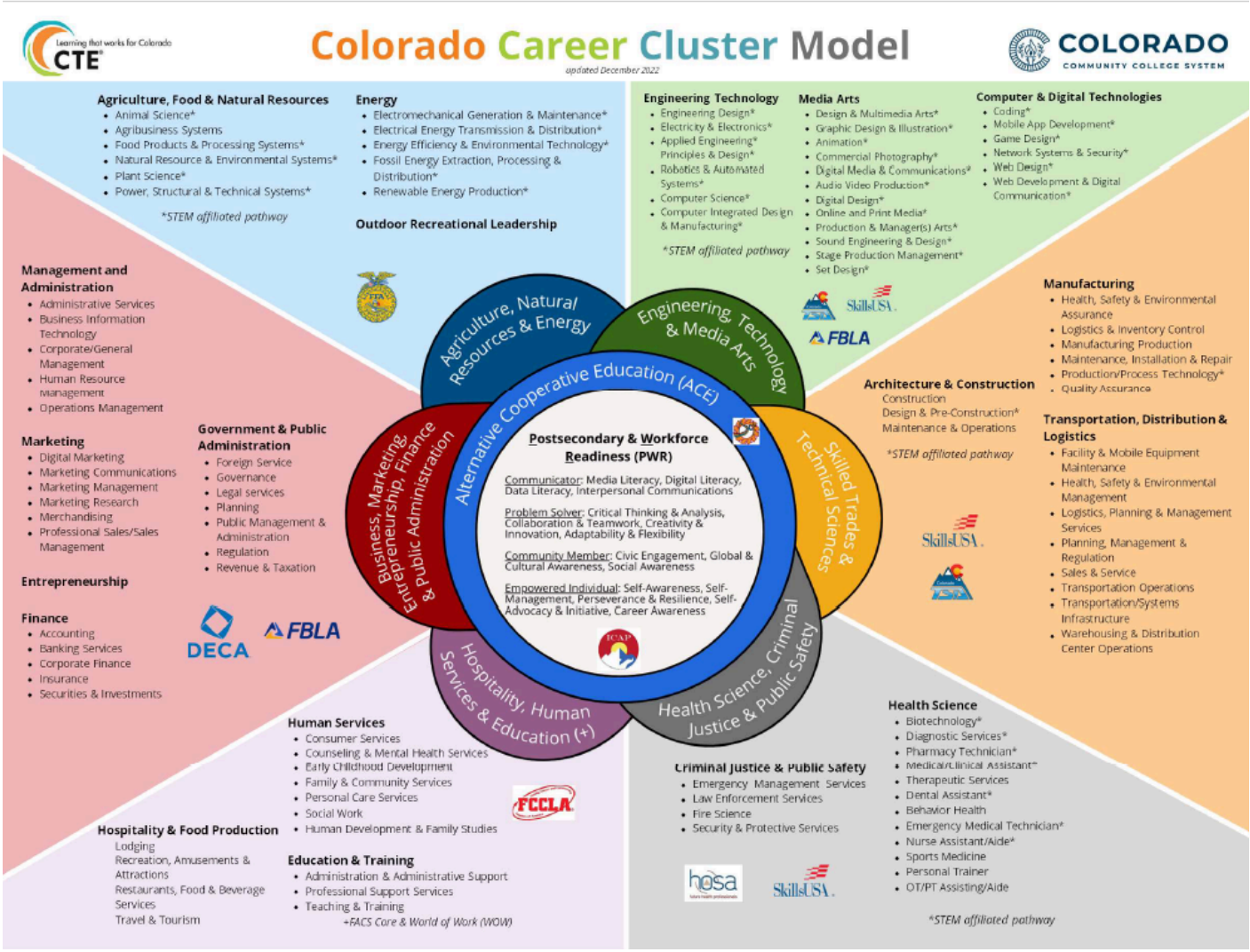
IB CURRICULUM



Career Clusters

Students are encouraged to plan their high school courses based on career areas of interest, or career clusters. The following pages show the career clusters recognized through the Colorado Career and Technical Education (CTE) office, and are the basis for the career-cluster graduation plans available in Naviance.

http://www.coloradostateplan.com/default_cluster.htm



Plan for your future! As you complete your four years at Palisade High School, make school relevant. Complete all of your required coursework for graduation. If you plan on attending college, make sure you meet the college entrance requirements by earning an additional credit in math, one credit in a world language, and two credits of academic electives. Also, take electives that will directly help prepare you for the career of your choice!

GRADUATION REQUIREMENTS FOR DISTRICT #51 STUDENTS

❖ *MCVSD #51 Graduation Requirements*

Language Arts	***4 Credits***
Science	***3 Credits***
Math	***3 Credits***
Social Studies	***3 Credits***
PE & Personal Fitness	***1 Credit***
Computers	***.5 Credit***
Fine Arts	***.5 Credit***
Electives*	***10 Credits***
	25 Total Credits

**Must meet the financial literacy requirement as one of your electives by taking Personal Finance, Economics, or Life Management.*

❖ *Colorado Four-Year College Entrance Minimum Requirements*

Math	***4 Credits*** *(Math 1 and higher)*
World Language	***1 Credit***
Academic Electives	***2 Credits***

❖ *NCAA Requirements*

In an effort to help our students connect their high school coursework with future career plans, we have grouped classes under the most relevant career clusters. Students are highly encouraged to select courses related to their future plans!

HEALTH SCIENCES & PUBLIC SAFETY

Suggested Electives for ***Health Sciences & Public Safety***

- ✓ **Anatomy & Physiology**
- ✓ **CMU Biology 101 & Lab**
- ✓ **Child & Adolescent Development**
- ✓ **Law Related Ed**
- ✓ **IB Biology (Only if you are an IB student)**
- ✓ **Psychology**
- ✓ **Sociology**
- ✓ **Life Management**
- ✓ **Healthcare**-Career Center
- ✓ **Medical Preparation** - CMU Tech

***Suggested electives are not always offered each year at PHS, please check with your counselor if you have questions*

AGRICULTURE, FOOD, & NATURAL RESOURCES

Suggested Electives for ***Agriculture, Food, & Natural Resources***

- ✓ **Anatomy & Physiology**
- ✓ **Astronomy**
- ✓ **Botany**
- ✓ **Chemistry**
- ✓ **Physics**
- ✓ **River Dynamics**
- ✓ **Zoology**
- ✓ **AP Environmental Science**
- ✓ **IB Environmental Systems & Societies** **(only if you are an IB student)**
- ✓ **Business Math**
- ✓ **Accounting I**
- ✓ **Culinary I&II**
- ✓ **Baking and Pastry**
- ✓ **Resort & Event Management (Hospitality)**
- ✓ **Culinary Arts**-Career Center
- ✓ **Horticulture**-Career Center
- ✓ **Small Animal Care**-Career Center
- ✓ **Culinary Arts**-CMU Tech
- ✓ **Medical Prep/Vet**- CMU Tech

***Suggested electives are not always offered each year at PHS, please check with your counselor if you have questions.*

STEM, ARTS, DESIGN & INFORMATION TECHNOLOGY

Suggested Electives for ***STEM, Arts, Design & Information Technology***

- ✓ **Physics**
- ✓ **3-D Design**
- ✓ **Art I**
- ✓ **Art II**
- ✓ **Drawing/Painting**
- ✓ **Draw & Paint II**
- ✓ **Printmaking**
- ✓ **Play Production**
- ✓ **Theater Arts**
- ✓ **IB Art** **(only if you are an IB student)**
- ✓ **IB Film** **(only if you are an IB student)**
- ✓ **Creative Writing**
- ✓ **Journalism**
- ✓ **Yearbook**
- ✓ **Coding I & II**
- ✓ **Computer Science Foundations**
- ✓ **Web Design**
- ✓ **AP Computer Science Principles**
- ✓ **Computer Tech**-Career Center
- ✓ **Computer Networking Tech**- CMU Tech
- ✓ **Digital Design** – CMU Tech
- ✓ **Machining Tech**-CMU Tech

- ✓ **Marketing Education** – CMU Tech
- ✓ **STEM Discovery**- CMU Tech

***Suggested electives are not always offered each year at PHS, please check with your counselor if you have questions*

BUSINESS & PUBLIC ADMINISTRATION

Suggested Electives for ***Business & Public Administration***

- ✓ **Intro to Business**
- ✓ **Intro to Marketing**
- ✓ **Accounting I**
- ✓ **AP Statistics**
- ✓ **IB Business Management (only if you are an IB student)**
- ✓ **Business Work Experience**
- ✓ **Personal Finance**
- ✓ **Business Math**
- ✓ **Web Design**
- ✓ **Economics**
- ✓ **Marketing Education -** CMU Tech

***Suggested electives are not always offered each year at PHS, please check with your counselor if you have questions.*

HOSPITALITY, HUMAN SERVICES, & EDUCATION

Suggested Electives for ***Hospitality, Human Services, & Education***

- ✓ **Psychology**
- ✓ **Child & Adolescent Development**
- ✓ **Relationships**
- ✓ **Resort & Event Management**
- ✓ **Accounting**
- ✓ **Business Math**
- ✓ **Personal Finance**
- ✓ **Business Work Experience**
- ✓ **Culinary Arts**-Career Center
- ✓ **Early Childhood**-Career Center
- ✓ **Culinary Arts**-CMU Tech
- ✓ **Digital Design –** CMU Tech
- ✓ **Marketing Education-**CMU Tech

***Suggested electives are not always offered each year at PHS, please check with your counselor if you have questions.*

SKILLED TRADES & TECHNICAL SCIENCES

Suggested Electives for ***Skilled Trades & Technical Science***

- ✓ **3-D Design**
- ✓ **Art I**
- ✓ **Advanced Art**
- ✓ **Mixed Media**
- ✓ **Ceramics**

- ✓ **Advanced Ceramics**
- ✓ **Graphic Design**
- ✓ **Printmaking**
- ✓ **Physics**
- ✓ **Carpentry Technology**
- ✓ **Woodworking**
- ✓ **Principles of Construction**
- ✓ **Construction**-Career Center
- ✓ **Horticulture**-Career Center
- ✓ **Small Animal** -Career Center
- ✓ **Digital Design** – CMU Tech
- ✓ **Electrical Technology**- CMU Tech
- ✓ **Machining Tech** – CMU Tech
- ✓ **STEM Discovery**– CMU Tech
- ✓ **Transportation Services** – CMU Tech
- ✓ **Welding Technology** – CMU Tech

***Suggested electives are not always offered each year at PHS, please check with your counselor if you have questions.*

CAREER CENTER

The Career Center is 1 of 8 dedicated Career Technical Education (CTE) Schools in Colorado. Career Center has 9 Colorado CTE approved programs providing hands-on learning opportunities to all D51 students focusing on Colorado Career Clusters. The student can earn elective and/or academic credits towards graduation while learning the vocational and employability skills needed to be successful in the 21st Century workforce.

Mod 1: 8:20-10:05AM Mod 2: 10:08-11:55AM Mod 3: 1:05-2:50PM

Academic instruction, which includes NCRC (National Career Readiness Certification), is an integral part of every CTE program. One of Career Center's goals is for every student to achieve competencies in Workplace Documents, Graphic Literacy and Applied Mathematics. Advanced students may be eligible for college credits, industry certifications, and internships.

The Career Center works closely with each home school and provides transportation between campuses. The Career Center should be viewed as an extension of the high school campus by offering technical training to students in a lab setting.

Compact Engines	Companion Animal Care
Construction Technology	Culinary Arts Prep/Culinary Arts Restaurant
Early Childcare	Health Science (Nurse Aid)
Horticulture	

COMPACT ENGINES I 3 credits/year

Location: Career Center

Provides students with safety instruction in compact engine repair and preventative maintenance. Students also learn the operation and theory of 2-stroke and 4-stroke engines as well as instruction on the proper methods on engine diagnosis, repair and engine overhaul. Additional coursework includes instruction on basic electrical theory, magnetism, basic circuitry, circuit testing, starting

systems diagnosis and repair charging systems diagnosis and repair and ignition systems diagnosis and repair.

COMPACT ENGINES II 3 credits/year

Location: Career Center

Compact Engine Technology II includes advanced knowledge of the function, diagnosis, and service of the systems and components of all types of compact engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide hands-on and practical application for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems and compact engine overhauls.

COMPANION ANIMAL CARE I & II 3 credits/year

Location: Career Center

Students will develop knowledge, skills and understanding in the biological processes and physiological systems found in livestock and companion animal species including anatomy and physiology, growth and development, muscular and skeletal systems, integumentary system, respiratory and circulatory systems, nervous system, lymphatic and endocrine systems and excretory system. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences will be included.

CONSTRUCTION TECHNOLOGY I

Location: Career Center 3 credits/year

This is the foundation course to basic residential construction. Students will demonstrate competencies that are nationally recognized by the construction industry. Students will learn and practice structural framing of floors, walls, ceilings, and roofs. This course also includes the use of basic construction tools and machinery, applied math, and an introduction to blueprint reading..

CONSTRUCTION TECHNOLOGY II

Location: Career Center 3 credits/year

In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians or supervisors, or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills.

CULINARY ARTS I-PREP

Location: Career Center 4 credits/year

This course is designed to introduce students to a variety of culinary skills and food preparation. Through instruction and culinary lab practice, this class will provide an opportunity for students to learn food preparation and demonstrate food safety. Some topics include introductory culinary skills and preparation of items such as quick breads, yeast breads, and eggs; as well as meal and menu planning, nutrition, and food borne illnesses. Students will be able to: Demonstrate the correct procedures' and techniques in introductory culinary labs, analyze nutritional guidelines and plan menus that are nutritionally balanced, and demonstrate food safety standards.

CULINARY ARTS I-RESTAURANT

Location: Career Center 4 credits/year

Culinary Arts/Food Production incorporates a student-run restaurant open to the public focusing on operation, food preparation, customer service, front/back of the house experiences, food safety, and management.

EARLY CHILDCARE PROFESSIONS

Location: Career Center 3 credits/year

The first half of a two semester long course designed to provide students with an overview of the profession within Early Childhood Education (PreK-3). Experiences with various early childhood education professionals(PreK-3) will enhance the understanding of classroom planning, licensure requirements and career opportunities within the early childhood community(PreK-3)emphasized. Students will have the opportunity to gain necessary State of Colorado certificates for volunteering/working in an early childhood center. This course includes a minimum of 14 volunteer hours in a preschool/childcare setting.The second half of a two semester long course designed to provide students with an overview of profession within Early Childhood Education (PreK-3). Experiences with various early childhood education professionals(PreK-3) will enhance the understanding of classroom planning, licensure requirements and career opportunities within the early childhood community(PreK-3)emphasized. Students will have the opportunity to gain necessary State of Colorado certificates for volunteering/working in an early childhood center. This course includes a minimum of 14 volunteer hours in a preschool/childcare setting.

HEALTH SCIENCE I

Location: Career Center 3 credits/year

This two-semester introductory Health Science course provides an overview of the challenging environments and occupation is the healthcare field. This course introduces students to the five pathways that make up the health science cluster (Diagnostic, Therapeutic, and Support Services, Health Informatics, Biotechnology Research and Development). In addition, students are provided a hands-on application of the foundational skills/ knowledge including health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare. This course includes preparation for Basic Life Support for Healthcare Providers certification.

HEALTH SCIENCE II

Location: Career Center 3 credits/year

This course will be taken over two semesters and prepares students for Nursing Assistant certification. For students with a foundation in health science theory and skills, Nursing Assistant equips them to become capable employees with multiple proficiencies. Content areas are aligned with National Healthcare Foundation Standards and Accountability Criteria. Content includes: The Health Assistant, Rehabilitation and Restorative Care, Body Mechanics, The Surgical Patients, Admissions, Transfers, Discharges, Specimen Collection and Testing, Special Populations, Patient Comfort, Electrocardiography, and Nutrition and Elimination. In addition to the Nurse Assistant curriculum, this course covers CPR/First Aid, AED, vital signs, medical terminology, and includes hands-on lab time.

HORTICULTURE 3 credits/year

Location: Career Center

This course is designed to introduce students to the horticulture industry. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, soil science, growing greenhouse crops. Improving industry standard workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE)

projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

HORTICULTURE II 3 credits/year

Location: Career Center

This course is a two semester class in which students will learn about the production, arrangement, and retailing of flowers. Classification and identification of common plants used in the floral industry will be taught. The class will include numerous labs where fresh, silk, and dried flowers are used to design corsages, wedding bouquets, table flower arrangements, and seasonal holiday decorations. The course will also highlight developing communication skills, business principles, and leadership skills in the floriculture industry. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

CAREER CENTER CREDIT MATRIX

This matrix is credit earned over the course of an entire year.

Culinary Arts		
Culinary Arts 1	Elective - ZE	1.0
Life Science	Life Science	1.0
Physical Science/Chemistry*	Physical Sci/ Chemistry*	1.0
Math Elective	Math	1.0
Culinary Arts 2	Elective	3.0
WBL Culinary Arts = .5 credit for every 60 hours**		

Health Science (Nurse Aide)		
Health Science 1	Elective - ZE	1.0
Life Science	Life Science	1.0
Math Elective	Math	1.0
Health Science 2	Elective - ZE	3.0
Health Science Clinical Internship = .5 credit for every 60 hours**		

Construction Technologies		
Construction Tech 1	Elective - ZE	2.0
Math Elective	Math	1.0
Construction Tech 2	Elective - ZE	2.0
Math Elective	Math	1.0
WBL Construction Pathways = .5 credit for every 60 hours**		

Companion Animal Care		
Companion Animal Care 1	Elective - ZE	1.0
Life Science	Life Science	1.0
Math Elective	Math	1.0
Companion Animal Care 2	Elective - ZE	3.0
WBL Animal Care= .5 credit for every 60 hours**		

Early Childcare		
Early Childcare 1	Elective - ZE	2.0
Math Elective	Math	.50
Language Elective	Lang	.50
Early Childcare 2	Elective	3.0
WBL Early Childcare = .5 credit for every 60 hours**		

Compact Engines		
Small Engine 1	Elective - ZE	1.0
Physical Science/Physics*	Physical Sci/Physics*	1.0
Math Elective	Math	1.0
Small Engine 2	Elective - ZE	2.0
Math Elective	Math	1.0
WBL Transportation Pathways = .5 credit for every 60 hours**		

Horticulture		
Horticulture 1	Elective - ZE	1.0
Life Science	Life Science	1.0
Physical Science/Chemistry*	Physical Sci/ Chemistry*	1.0
Math Elective	Math	1.0
Horticulture 2	Elective - ZE	3.0
25-26 only Physical Science/Chemistry*	Physical Sci/ Chemistry*	1.0
WBL in Horticulture = .5 credit for every 60 hours**		

*For 2027 graduates and beyond

**WBL Credit for Community Placements or approved School-Based Experiences

CMU Tech

Formerly known as WESTERN COLORADO COMMUNITY COLLEGE

The following technical education programs are coordinated through CMU Tech for the benefit of the students in Mesa County Valley School District # 51, Colorado Mesa University and the community. Bus transportation is available from the area high schools to the technical education programs.

THE TECHNICAL EDUCATION ADVANTAGE

All CMU Tech programs offer equal enrollment opportunities for both males and females

Study and skills training in technical education courses can achieve

- Specific occupational skills
- Employment skills
- 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
- Improved options for employment to earn money for continued education
- High school credit and opportunities for college credit (college credit available in some programs)

ENROLLMENT AND REGISTRATION

High school students who want to enroll in a technical program at CMU Tech may do so through their high school counselor. Students are required to complete a CMU Tech application (available in high school counseling offices or at CMU Tech) and arrange for an interview with the CMU Tech program instructor by contacting CMU Tech student services at 255-2670. The student, or their high school counselor, will be notified of acceptance into the CMU Tech program. Priority for program enrollment is given to current or continuing students with satisfactory program performance and to seniors and juniors. All programs are year-long.

Class times: CMU Tech Mod 1 = Periods 1-4
CMU Tech Mod 2 = Periods 3-6
CMU Tech Mod 3 = Periods 5-8

CMU Tech CREDIT CROSSWALK

We are pleased to share that students may earn credit for some core classes through some of the CMU Tech programs! The following chart illustrates the types of high school credit students may earn at CMU Tech. Students have the opportunity to earn CMU credits through all programs.

CMU Tech Programs

Agriculture Science

Students get hands-on experience focusing on animal science and crop/soil science, and learn about the impact of agriculture on a world scale. Coursework focuses on stewardship and stockmanship, preparing students for careers within the agricultural industry. This is a two (2) semester program and can be completed in one (1) school year.

Students who complete Agriculture Science build a foundation for careers in:

- Animal Science
- Crop Science
- Livestock Operations
- Horticulture Operations
- Environmental Education

Allied Health-Nurse Aide (CNA)

Students learn medical terminology, the role of health care professionals, infection control, personal care and basic nursing skills, and earn their Technical Certificate in Nurse Aide, preparing them for the state certification exam. This is a two (2) semester program and can be completed in one (1) school year.

Students who complete the Allied Health: CNA program build a foundation for careers in:

- Physical or Occupational Therapy
- Nursing
- Physician's Assistant
- Pre-Med

Allied Health-Emergency Medical Responder (EMR)

Students learn medical terminology, ethics, first aid, CPR and other skills that build a foundation for a career as an EMT, Paramedic, or other medical professions. Students are prepared to sit for the National Registry of Emergency Medical Technicians (NREMT) EMR certification exam. This is a two (2) semester program and can be completed in one (1) school year.

Students who complete the Allied Health: EMR program build a foundation for careers in:

- EMT
- Paramedic
- Wildland Fire Management/Fire Science
- Law Enforcement
- Military
- Sports Medicine
- Physical Therapy
- Nursing

- Physician

Allied Health-Animal Career Prep

Students learn about animal science, discuss ethics, and gain valuable knowledge about different types of animals, preparing students for further education and careers within the agriculture and veterinary fields. This is a two (2) semester program and can be completed in one (1) school year.

Students who complete Allied Health: Animal Career Prep build a foundation for careers in:

- Veterinary Technician
- Veterinary Technologist
- Agriculture (Animal Science)
- Veterinarian
- Animal Research

Allied Health-Medical Office Assistant

- Prepare to work in different types of doctor's offices (family practice, pediatrics, orthopedics, neurology, dermatology, etc).
- Train in both administrative (scheduling, answering phones, completing insurance forms, assigning CPT and ICD-10 codes) and clinical (vital signs, assisting providers, setting up for procedures, performing electrocardiograms, injections and drawing blood).
- There are many local job opportunities for MOAs and this certification is a great stepping stone for other health science programs.

Architectural CAD (Computer Aided Design)

- Learn computer aided design skills with AutoCAD.
- Learn to design and create residential and commercial construction documents, which include: site plan, floor plan, exterior elevations, foundation plan, floor framing plan, roof framing plan, and building sections.
- Explore design strategies and Architectural Theory.
- Earn an Architectural Drafting, Manufacturing Technology Technical Certificate

Construction Technology

- Understand the value of construction safety.
- Learn the basics of construction plan reading.
- Acquire a general knowledge of construction materials and their integrated systems.
- Be introduced to building codes and regulations.

Culinary Arts

Students learn about kitchen safety, as well as how to prepare different types of foods. Second year students can earn their Technical Certificate in Food Preparation. Students will prepare and sit for the industry recognized ServSafe certification exam. There are four (4) semesters of course material available, and students may choose to take one (1) or two (2) school years worth of coursework. Students who participate in Culinary Arts build a foundation for careers in:

- Chef
- Line Cook
- Nutritionist
- Purchasing Manager

- Restaurant Management

Digital Filmmaking

In addition to leadership and team building skills, students who complete this class will learn about script writing, drawing and storyboarding, pre-visualization and graphic design, 3D modeling and layout, video production, and special effects. There are four (4) semesters of course material available, and students may choose to take one (1) or two (2) school years worth of coursework. Students completing 2 years in this program can earn Technical Certificates in Digital Filmmaking: Production Design Elements and Digital Filmmaking: Writing/Directing Elements.
Students who participate in Digital Filmmaking build a foundation for careers in:

- Directing and Producing
- Screenwriting
- Motion Picture Editing
- Advertising
- Social Media Video Production

Early Childhood Education

The Early Childhood Education program provides students with a foundation for working with children (birth to age eight) including Kindergarten to 2nd grade, in a variety of educational settings which includes hands-on experience in local classrooms. Students will gain knowledge of child development, health and safety, along with practical skills in curriculum planning, preparing classroom environments, observation, assessment, and guidance strategies.

The Early Childhood Education program provides students with a foundation for working with children (birth to age eight) including Kindergarten to 2nd grade, in a variety of educational settings which includes hands-on experience in local classrooms. Students will gain knowledge of child development, health and safety, along with practical skills in curriculum planning, preparing classroom environments, observation, assessment, and guidance strategies.

Electrical Technology

Students will learn about building materials, estimating, planning and scheduling, installations, codes, safety, tools, calculations, and print reading. This is a two (2) semester program that is designed to be completed in one (1) school year.
Students who participate in Electrical Technology build a foundation for careers in:

- Electrician
- Electrical Installer
- Electric Linework
- Construction
- Construction Management

Information & Communication Technology

Students will learn about the internet of things, and gain exposure to national and international industry certifications including Cisco, A+/N+, CET and Convergence Technology. There are four (4) semesters of course material available, and students may choose to take one (1) or two (2) school years worth of coursework. Upon completion of coursework, students will have several professional Cisco course certificates to add to their resume.Students who participate in Information and Communication Technology build a foundation for careers in:

- Help Desk Technician
- Computer Systems Technician

- Network Technologies Technician

Machining Technology

Students who take this set of courses will gain industry competencies that are in demand for a wide range of manufacturing careers. Skills taught are blueprint reading, geometric dimensioning and tolerancing, general machining, CNC machining, process planning, computer aided drafting, and more. There are four (4) semesters of course material available, and students may choose to take one (1) or two (2) school years worth of coursework. Upon completion of 2 years, students can earn a Technical Certificate in Machining: Entry Level Machining.
Students who participate in Machining Technology build a foundation for careers in:

- Machining
- CNC operations and programming
- Manufacturing Engineer and Technician
- Quality Control
- Engineering

Marketing Education

Students learn marketing, business management, and finance in 22 different areas including: sports and entertainment, restaurant management, advertising and multimedia, fashion and merchandising, and hospitality and hotel management. There are four (4) semesters of course material available, and students may choose to take one (1) or two (2) school years worth of coursework. Second year students can earn a Technical Certificate in Applied Business: Business Foundations.

Students who participate in Marketing Education build a foundation for careers in:

- Business Owner
- Business Administration and Management
- Advertising, Sales, Merchandising and Marketing
- Travel and Tourism Management
- Sports Management

Mechatronics

- Learn about the use of automation in factories, industry, and everyday life.
- Learn how to build electrical circuits, write programs and design mechanical systems by designing your own automated system.
- Learn about the interface of electronics and mechanical devices.
- Prepare for a job involving the installation, repair and maintenance of electrical and mechanical systems.

STEM Discovery

Science, Technology, Engineering, and Math (STEM) are important elements in several of our country's economic sectors. Students will learn about chemistry and physics, use computer-based tools for modeling, simulation, design, computer machining and print reading, computer aided drafting, applied mathematics, and more. There are two tracks that a student may choose in STEM: Mechanical CAD and Architectural CAD. Both tracks are each two (2) semesters worth of course

material, and could be completed within one school year (per track). Those who participate in the Mechanical CAD track can earn a Technical Certificate in Mechanical Drafting, and may prepare and sit for the Autodesk Certification Exam. The Mechanical CAD track prepares students for a second year in an entry-level engineering track, laying a foundation for students who are planning for careers in engineering.

Students who participate in STEM build a foundation for careers in:

- Engineering
- Manufacturing
- Product Design
- Industrial Design
- Architecture
- Medical Industry

Transportation Services Technology
Students learn the fundamentals of electronics, starters, ignition and charging systems, and cooling and heating systems. There are four (4) semesters of course material available, and students may choose to take one (1) or two (2) school years worth of coursework. Second year learners will complete the program having earned two Technical Certificates: Light Duty Automotive Foundations I and II. Students also prepare and sit for Automotive Service Excellence exams.

Students who participate in Transportation Services Technology will build a foundation for careers in:

- Automotive Technician
- Parts and Services Representative
- Automotive Service Manager
- Boat and Small Engine Mechanic
- Diesel Technician

Welding Technology
Students become proficient at Stick, MIG, TIG, Flux-cored arc welding, as well as Oxyacetylene cutting and welding, and Plasma arc cutting. In addition, students will gain understanding of layout, fabrication and applied math concepts. There are four (4) semesters of course material available, and students may choose to take one (1) or two (2) school years worth of coursework. Second year students can earn a Technical Certificate: Basic Welder.

Students who participate in Welding Technology will build a foundation for careers in:

- Welding
- Fabrication
- Quality Control

Click here for the High School Tech Scholars Credit Matrix that is included in the CTE Student Handbook.

ART
3-D Design
3-D Design/Jewelry
Advanced Art
Advanced Ceramics/Ceramics 2
Art I
Ceramics
Digital Design
Draw/Paint
Foundational Design
Photography
Printmaking
Mixed Media
IB Visual Art

BUSINESS
Computer Science Exploration
Accounting Principles
Business Math
Business Work Experience
Personal Finance
IB Business Management*
Intro to Business
Intro to Social Media Marketing

LEAD 1&2

FAMILY AND CONSUMER SCIENCES
Child & Adolescent Development
Culinary Essentials I&II
Hospitality & Event Planning
Relationships
Baking and Pastry

LANGUAGE ARTS
Literacy Lab
Comp/Lit 9**
Honors Comp/ Lit 9**
Comp/Lit 10**
Hon Comp/Lit 10**
Comp 11 **
Modern Lit**
AP English Lang**
Theater Arts I & II
Play Production
Acting
Advanced Acting
Creative Writing**
Forensics
Newspaper
Science Fiction
Yearbook
Forensics I (Debate)**
Mythology
IB English 11 HL**
IB English 12 HL**

MATHEMATICS
Topics
Algebra 1
Geometry
Algebra 2
AP Pre-Calculus**
Pre-College Algebra
Applications of Statistics**
AP Statistics**
AP Calculus AB**
AP Calculus BC**
IB MathAA SL/HL**
IB Math AI SL**
CMU MATH 113 College Algebra

PERFORMING ARTS
Acting I (Beginning)
Acting II (Advanced)
Advanced Women's Choir
Beginning Women's Choir
Women's Choir
Jazz Band
Marching Band
Men's Choir
Orchestra
Play Production
Symphonic Band
Theater Arts I & II
Winds Ensemble
IB Film
IB Music

PHYSICAL EDUCATION
Dance
Lifetime Activities
PE I or PE II
Personal Fitness & Wellness
Team Train
Weights
Yoga

SCIENCE
Biology**
Anatomy and Physiology**
Chemistry**
Physics**
River Dynamics**
IB Biology SL/HL
IB Enviro Systems + Society 1 & 2 SL

SOCIAL STUDIES
World Studies**
U.S. History**
American Government**
AP American Government**
Economics**
Psychology**
Sociology
AP Human Geography**
AP US History**
AP American Government**
AP Psychology**
IB History of the Americas HL**

TECHNOLOGY EDUCATION
Principles of Construction
Woodworking Tech A & B
Carpentry Technology

WORLD LANGUAGES
Spanish I**
Spanish II**
Honors Spanish I&II
Spanish for Native Speakers**
AP Spanish Language**
French I & II**
Honors French I & II**
IB French 1 SL/HL**
IB Spanish 1 & 2 SL/HL**
IB Theory of Knowledge 1&2**

CAREER CENTER
Compact Engines
Companion Animal Care
Construction Technology
Culinary Arts
Early Childcare Professions
Health Science
Horticulture

CMU Tech
Agriculture Science
Allied Health-CNA, EMR, Animal Prep,
Med Office Assistant
Construction Technology
Culinary Arts
Digital Filmmaking
Early Childhood Education
Electrical Technology
Information & Communication Tech
Machining Tech
Marketing Education
Mechatronics
STEM Discovery
Architectural CAD
Transportation Services Technology
Welding Technology

Other Credit Options
Career Internship
Peer Tutor
Student Government
Teacher Aide
Youth Apprenticeship
Work Experience

ENGLISH LANGUAGE ARTS

COURSE LEVEL 9

Composition/Literature 9 & Composition

1.0 Credit

This two-term course 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 concepts of **perspective and connections**. 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.

HONORS COMPOSITION/LITERATURE 9

1.0 Credit

GRADE 9

This two-term 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.

Literacy/Read Lab:

.5 Credit each term

Prerequisites: Teacher Recommendation

This course is designed for students who have not attained proficiency in language arts. Extra time and assistance will be provided for students to improve skills. In this class, students read and respond to a variety of literary forms. The course establishes language arts standards and expectations for basic high school proficiencies with emphasis on improving a student's reading and writing. Library, technology and study skills, as well as vocabulary study, are also included.

COURSE LEVEL 10

Composition/Literature 10:

1.0 Credit

Prerequisite: Successful Completion of Level 9 Core Requirement

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 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.

AP Seminar

1.0 Credit (10th **or** *11th grade Language Arts credit)*

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. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.

COURSE LEVEL 11

Composition/Literature 11:

1.0 Credit

Prerequisite: Successful Completion of Level 10 Core Requirement

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.

Advanced Placement English Language and Composition:

1.0 Credit (11th **or** *12th grade Language Arts credit)*

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.

COURSE LEVEL 12

Modern and Contemporary Literature/Composition 12

.5 Credit

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.

IB English Language and Literature HL

Prerequisite: Must be in IB Program

1.0 Credit

The IB English Language and Literature HL (Higher Level) course is a two-year program that explores both literary and non-literary texts to develop advanced analytical, interpretive, and communication skills. Students investigate the multifaceted nature of language, how it functions within various contexts, and its role in shaping identity and culture. At the HL level, students engage with a greater number of literary and non-literary works, preparing them for university-level studies through close reading, writing, speaking, and presenting.

LANGUAGE ARTS ELECTIVES

½ Credit Required

Forensics
Literacy Lab
Mythology
Newspaper
Play Production
Theater Arts
Yearbook

College Bound Electives

AP Language
Forensics

Forensics I (Speech)

.5 Credit

Students in Forensics class examine issues and ideas through research, write and deliver various speeches, participate in discussions, and analyze communication techniques used in effective public speaking used in education and career settings.

Mythology

.5 Credit

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.

Newspaper & Yearbook

1 Credit each

Each course focuses on marketing and production of all of the student publications. Students will learn and practice journalism writing and production skills in order to publish news magazines, yearbook, and online media with regularly scheduled deadlines. Students will not only study principles of gathering, writing, reporting, and editing the news, but also

learn about page layout and design, photography, and business.

Play Production:

.5 credit per term

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. This class does not meet the NCAA English requirement.

Theater Arts I:

.5 Credit

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 theater. 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.

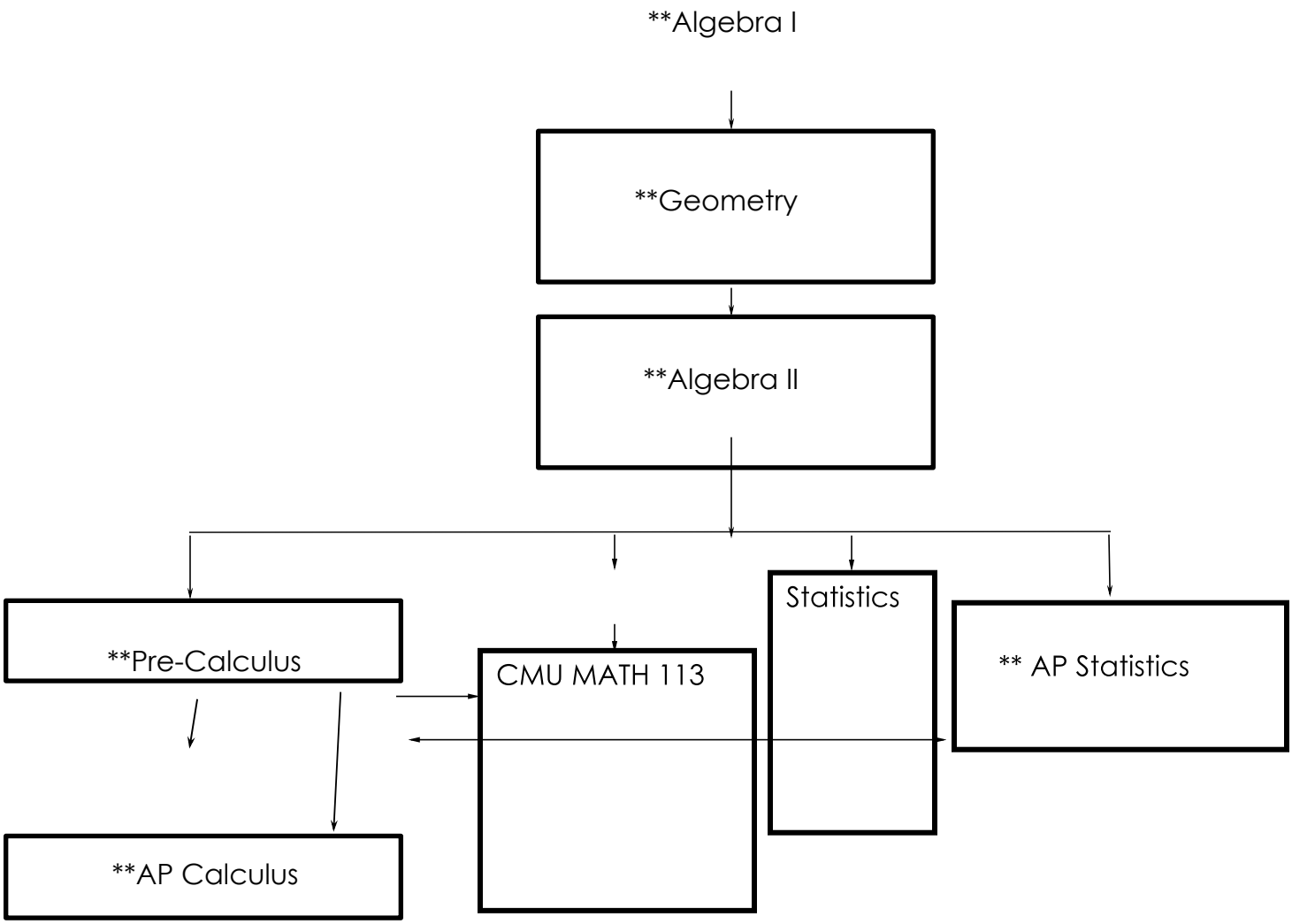
Theater Arts II

.5 Credit

In this course students will watch and review movies that changed and shaped culture.

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. Student may be requested to attend a show outside of class time

MATHEMATICS FLOW CHART



Notes:

- **Graphing calculators (TI 84+ silver edition)** are required for all courses.
- ***In order to advance to the next level in mathematics, students must earn a minimum of a C in the prerequisite course.***
- **Freshmen** are placed in the appropriate math class based on data and the recommendation of their middle school teacher.
- Students bound for **college** are strongly encouraged to take 4 units of mathematics: Algebra 1, Geometry, Algebra 2, and one additional course (Pre-Calc, Statistics, AP Statistics and AP Calculus)
- See **Business Department** and/or **Career Center and WCCC** for additional math credit options

Algebra 1

2 Semesters - ½ Credit each semester

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.

ACCELERATED Algebra 1

2 Quarters - ½ Credit each quarter
Prerequisite: Teacher Recommendation
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: Accelerated Algebra i is designed for the student interested in taking AP math courses as an upperclassman. It is the exact same course 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. It is only recommended for students interested in taking AP courses as upperclassmen.

MATH LAB

Math Labs

1 Term each ½ ELECTIVE Credit each term
Prerequisite: teacher recommendation and/or self-election
The Math Lab is a teacher recommended intervention. The course is designed to provide extra support for students in their math course. 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.

Geometry

2 Semesters - ½ Credit Each
Prerequisites: C or better in Algebra 1

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 analytic 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.

ACCELERATED Geometry

2 Quarters - ½ Credit Each

Prerequisite: C or better in Algebra 1 and teacher recommendation

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 analytic 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.

Note: Accelerated Geometry is designed for the student interested in taking AP math courses as an upperclassman. It is the exact same course 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. It is only recommended for students interested in taking AP courses as upperclassmen.

Algebra 2

2 Semesters - ½ Credit Each

Prerequisites: C or better in Geometry

Algebra 2 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.

ACCELERATED Algebra 2

2 Quarters - ½ Credit Each
Prerequisite: C or better in Geometry and teacher recommendation
This branch of mathematics 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.
NOTE: Accelerated Algebra 2 is designed for the student interested in taking AP math courses as an upperclassman. It is the exact same course 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. It is only recommended for students interested in taking AP courses as upperclassmen.

AP PRE-CALCULUS *2 Semesters ½ Credit Each*
Prerequisites: C or better in Algebra 2
This is a rigorous semester 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 transformations of parent functions and the key components of all types of graphs including increasing and decreasing intervals, domain, range, extrema, end behavior, and x and y intercepts. Other topics include polynomial functions, inverse functions, rational functions, circular functions, trigonometric functions, logarithmic functions, vectors and 3D-space, linear algebra, conic sections, complex numbers, series, mathematical induction, limits, and derivatives.
*A TI-84+ Silver edition graphing calculator is required for this class.

ACCELERATED AP Pre-Calculus *2 Quarters - ½ Credit Each*
Prerequisite: C or better in Algebra 2 and teacher recommendation
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+ Silver edition graphing calculator is required for this class.

NOTE: Accelerated Pre-Calculus is the exact same course 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.

Application of Statistics *2 Semesters, ½ Credit Each*
Prerequisites: C or better in Algebra 2

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 also apply their statistical knowledge to gathering data and drawing conclusions based on statistical evidence. *A TI-84+ Silver edition graphing calculator is required for this class

IB Math Applications & Interpretations SL
Prerequisite: Must be in IB Program
IB Math Applications and Interpretation (AI) is an International Baccalaureate Diploma Programme course for students who enjoy practical, real-world math applications, emphasizing technology, statistics, and data analysis rather than abstract theory. The curriculum covers topics like numbers, algebra, functions, geometry, trigonometry, statistics, probability, and calculus, with a focus on using these skills to interpret and solve problems in various contexts.

IB Math Analysis & Approaches SL/HL
Prerequisite: Must be in IB Program
IB Math Analysis and Approaches (AA) focuses on developing strong analytical and problem-solving skills through mathematical concepts and their applications. It is designed for students who have a strong interest in mathematics and who may pursue further studies in fields like mathematics, sciences, or economics. The course is offered at both Standard Level (SL) and Higher Level (HL), with HL requiring a deeper and more rigorous study of the concepts.

COLLEGE PREP/ CMU MATH COURSES

Pre-College Algebra
1 Term ½ high school credit

Prerequisite: Successful Completion of Algebra 2,, SAT score below 540 on the Math portion, or an ACCUPLACER Nex AAF score below 245

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. This course prepares students to be successful in MATH 113.

CMU MATH 113 COLLEGE ALGEBRA (High School Scholars class)

1 Term ½ high school credit, 4 college credits
Prerequisite: Successful completion of Math 3, GPA 3.0, and score of 500 or higher on the SAT Math portion, or a score of 75 or higher on the Accuplacer
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; conic sections

ADVANCED PLACEMENT COURSES

Advanced Placement Statistics

1 Credit
Prerequisites: C or better in Algebra 2

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.

*A TI-84+ Silver edition graphing calculator is required for this class.

Advanced Placement Calculus AB & BC

1 Credit Each
Prerequisite: C or better in Precalculus

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.

SCIENCE SEQUENCE

9th Grade Biology A&B

10th Grade Physics A&B

11th Grade Chemistry A&B

12th Grade Science Elective

(Not required, based on interest and future pathway)

- River Dynamics A&B
- Anatomy & Physiology A&B

Credits Required for Graduation:

- 1 credit of Biology
- 1 credit of Physics
- 1 credit of Chemistry

DP/IB Students - recommended Science Tracks for:

Engineering / STEM related fields

It is recommended that you take as many science and math courses that you are able to fit into your schedule

Grade 9:
Physics

Grade 10:
Chemistry

Grade 11:
Option 1: IB Environmental Systems & Societies SL/HL (year 1)
Option 2: IB Biology SL/HL (year 1)

Grade 12:
Option 1: IB Environmental Systems & Societies SL/HL (year 2)
Option 2: IB Biology SL/HL (year 2)

other recommendations to get involved with:

Classes:
- ***Math courses up through AP Statistics or AP Calculus***
- Principles of Construction, Construction Tech
- Computer Science Explorations
- 3-D Design, Graphic Design, Web Design, Art I & II
- AP Human Geography
- Creative Writing
- Machining, Electrical, Transportation, Computer Networking Tech *at CMU Tech*

Clubs:
- M.E.S.A Club
- Earth Club
- High Fives Robotics Team
- Knowledge Bowl Team
- Palisade Skills (Construction Tech Club)

DP/IB students - recommended Science Tracks for:
Medical / Veterinary / Biological Sciences

It is recommended that you take as many science and math courses that you are able to fit into your schedule

Grade 9:
Biology

Grade 10:
Option 1: Physics ***or*** Chemistry *(**Chemistry highly recommended)*
Option 2: Physics ***or*** Chemistry in concurrence with Zoology & Botany
Option 3: Physics ***or*** Chemistry in concurrence with Anatomy & Physiology

Grade 11:
Option 1: IB Biology (year 1)

Grade 12:
Option 1: IB Biology (year 2)

other recommendations to get involved with:

Classes:
- ***Math courses up through AP Statistics or AP Calculus***
- Child & Adolescent Development
- Culinary Nutrition
- Computer Science Explorations

- AP Human Geography
- Creative Writing
- Foreign Languages (Spanish or French)

Clubs:M.E.S.A Club
- Red Cross Club
- Live Above the Influence team
- Knowledge Bowl Team
- FCCLA (Family, Career, and Community Leaders of America)

DP/IB students - recommended Science Tracks for:

Natural Resources / Environmental Sciences / Land Management / Wildlife Management

It is recommended that you take as many science and math courses that you are able to fit into your schedule

Grade 9:
Option 1: Biology
Option 2: Biology in concurrence with AP Environmental Science (if offered)

Grade 10:
Option 1: Physics ***or*** Chemistry
Option 2: Physics ***or*** Chemistry in concurrence with Zoology & Botany ***or***
AP Environmental Science ***or*** River Dynamics

Grade 11:
Option 1: IB Environmental Systems & Societies (year 1)

Grade 12:
Option 1: IB Environmental Systems & Societies (year 2)

other recommendations to get involved with:

Classes:
- ***Math courses up through AP Statistics or AP Calculus***
- Computer Science Explorations
- AP Human Geography
- Law Related Ed
- Creative Writing
- Forensics (Speech & Debate)
- Foreign Languages (Spanish or French)

Clubs:
- PHS Fish Hatchery
- M.E.S.A Club
- Earth Club
- Knowledge Bowl Team
- Interact Club (Jr. Rotary Leadership Club)
- Fishing Club, Hiking Club, Ski & Snowboard Club, Mountain Bike Club
- Palisade Skills (Construction Tech skills Club)

Non-IB students - recommended Science Tracks for:

Engineering / STEM related fields

It is recommended that you take as many science and math courses that you are able to fit into your schedule

Grade 9: Biology

Grade 10: Physics

Grade 11:
Option 1: Chemistry

Grade 12:
Option 1: STEM classes through CMU Concurrent
Option 2: AP Environmental Science (if offered),
River Dynamics

other recommendations to get involved with:

Classes:
- ***Math courses up through AP Statistics or AP Calculus***
- Principles of Construction, Construction Tech
- Computer Science Explorations
- 3-D Design, Graphic Design, Web Design, Art I & II
- AP Human Geography
- Creative Writing
- Machining, Electrical, Transportation, Computer Networking Tech *at CMU Tech*

Clubs:
- M.E.S.A Club

- Earth Club
- High Fives Robotics Team
- Knowledge Bowl Team
- Palisade Skills (Construction Tech Club)

Non-IB students - recommended Science Tracks for:
Medical / Veterinary / Biological Sciences

It is recommended that you take as many science and math courses that you are able to fit into your schedule

Grade 9: Blology

Grade 10:
Option 1: Physics

Grade 11:
Option 1: Chemistry
Option 2: Medical Prep *at CMU Tech*
Option 3: Medical Prep *at CMU Tech,* Healthcare / Small Animal Care at *Career Center*

Grade 12:
Option 1: Anatomy & Physiology
Option 2: Anatomy & Physiology in concurrence with Medical Prep *at CMU Tech*
Option 3: Medical Prep *at CMU Tech,* Healthcare / Small Animal Care (year 2) at *Career Center*

other recommendations to get involved with:

Classes:
- ***Math courses up through AP Statistics or AP Calculus***
- Child & Adolescent Development
- Culinary Nutrition
- Computer Science Explorations
- AP Human Geography
- Creative Writing
- Foreign Languages (Spanish or French)

Clubs:
- M.E.S.A Club
- Red Cross Club
- Live Above the Influence team
- Knowledge Bowl Team

- FCCLA (Family, Career, and Community Leaders of America)

Non-IB students - recommended Science Tracks for:

Natural Resources / Environmental Sciences / Land Management / Wildlife Management

It is recommended that you take as many science and math courses that you are able to fit into your schedule

Grade 9: Biology

Grade 10:
Option 1: Physics

Grade 11:
Option 1: Chemistry
Option 2: Horticulture / Small Animal Care at *Career Center*

Grade 12:
Option 1: River Dynamic and/or AP Environmental Science (if offered)
Option 2: Horticulture / Small Animal Care at *Career Center*
Option 3: Horticulture / Small Animal Care (year 2) at *Career Center*

other recommendations to get involved with:

Classes:
- ***Math courses up through AP Statistics or AP Calculus***
- Computer Science Explorations
- AP Human Geography
- Law Related Ed
- Creative Writing
- Forensics (Speech & Debate)
- Foreign Languages (Spanish or French)

Clubs:
- PHS Fish Hatchery
- M.E.S.A Club
- Earth Club
- Knowledge Bowl Team
- Interact Club (Jr. Rotary Leadership Club)
- Fishing Club, Hiking Club, Ski & Snowboard Club, Mountain Bike Club
- Palisade Skills (Construction Tech skills Club)

SCIENCE

COURSE LEVEL 9

Biology

1.0 Credit

Prerequisites: Environmental Science

In this course, students develop the understanding of key concepts that enable them to make sense of life science and how life on earth has influenced and continues to influence earth systems. By exploring phenomena in the natural world, students construct explanations for the structure, function, interactions, evolution, and diversity of living organisms and their underlying processes. Emphasis is given to development of science and engineering practices and cross cutting concepts in order to develop an understanding of the complex nature of biological systems.

COURSE LEVEL 10

Physics

1.0 Credit

Prerequisites: Environmental Science, Biology and Algebra 2 or Teacher recommendation

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.

Course Level 11

Chemistry

1.0 Credit

Prerequisites: Environmental Science, Biology & Geometry

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.

IB Biology HL

1.0 Credit

Prerequisite: Must be in IB Program

IB Biology offers a deep understanding of the scale of life ranging from molecules and cells of organisms to ecosystems and the biosphere. As an experimental science, DP Biology

requires not only a theoretical understanding of the subject, but also an awareness of how biologists construct knowledge claims and the limitations of these methods.

IB Environmental Systems & Societies SL/HL

1.0 Credit

Prerequisite: Must be in IB Program

Students will be provided with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face.

SCIENCE ELECTIVES-THESE DO NOT COUNT AS SCIENCE CREDITS

Anatomy and Physiology

1.0 Credit

Prerequisites: Biology, grade of B or higher recommended.

In this course, the major systems of the human body and their interactions are explored. These systems include the nervous system, skeletal system, circulatory system, respiratory system, muscular system, and reproductive system. The functioning of each system from the cellular level to the complete system level is examined using laboratory investigations and class discussions.

River Dynamics

1.0 Credit

Prerequisites: Completion of 2 science credits (Environmental Science and Biology)

Students connect their understanding of fundamental science principles to field applications. A major part of the class involves collection and analysis of biological, atmospheric, and geological data. Students are introduced to GIP/GPS, aerial photo interpretation, habitat and resource management techniques, and water quality testing. Students practice writing management plans, complete field data sheets, and interpret environmental case studies. The class also explores career opportunities and local environmental issues.

IB Sport and Exercise Science SL/HL

1.0 Credit

Prerequisite: Must be in IB Program

Sport and Exercise Health Science is a human science driven by curiosity about what makes humankind flourish, both physically and mentally. Spanning multiple disciplines, it is the formal study of the impacts of physiology, biomechanics and psychology on human health and athletic performance.

SOCIAL STUDIES SEQUENCE

9th Grade	World Studies A&B or AP Human Geography A&B
10th Grade	US History A&B or AP US History A&B
11th Grade	American Government/AP American Gov and Economics or Social Studies elective
12th Grade	Social Studies elective (if still needed) AP classes recommended

Credits Required for Graduation:

- 1 credit of World Studies or AP Human Geography
- 1 credit of US History or AP US History
- ½ credit of American Government (full credit AP American Government)
- ½ credit of Social Studies elective
    - *Economics also satisfies the financial literacy requirement*

SOCIAL STUDIES

Course Level 9

World Studies A & B (Required)

1 .0 Credit

World Studies is a course of the History of the World from the Renaissance to Present Day. This course incorporates history and geography while encouraging students to solve problems, identify the impacts of major world events and explore world cultures. The course will emphasize the use of primary and secondary sources to empower students to investigate issues and themes from multiple viewpoints, fostering in-depth understanding and critical thinking skills. Through this holistic approach to world studies, students develop a nuanced understanding of the forces that have shaped our world and cultivate the skills necessary for active and engaged participation in the global community. This course will include the study of the Holocaust and other genocides as specified in the Colorado State

AP Human Geography

1.0 Credits (Counts as World Studies credit)

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)

Course Level 10

US History A & B (Required)

1.0 Credit

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 are not limited to populism, progressivism, isolationism, imperialism, anti-communism,

environmentalism, liberalism, fundamentalism, and conservatism.

Course Level 11

American Government (Required) OR AP American Gov (Full year)

.5 Credit

The 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.

IB History of the Americas HL

Prerequisite: Must be in IB Program

1.0 Credit

IB History of the Americas is a two-year, higher-level course that provides an in-depth study of the history of the Americas, including North, Central, and South America. It emphasizes historical analysis, research, and the development of critical thinking skills. The course culminates in external IB examinations and may offer college credit.

SOCIAL STUDIES ELECTIVES

Economics (required)

.5 Credit (Grades 10-12)

May be taken for BOTH the graduation requirement for financial literacy & for social studies elective credit

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.

Psychology

.5 Credit

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.

Sociology

.5 Credit

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.

AP Psychology

1.0 credit

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.

AP United States History

1.0 Credit (US History and Social Studies Elective)

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.

AP US Government & Politics (AP American Gov)

1. 0 credit (American Gov credit)

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course

BUSINESS EDUCATION & COMPUTER SCIENCE

Accounting I A & B

.5 Credit each term-11th & 12th

THIS COURSE MAY BE TAKEN FOR MATH CREDIT

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.

Introduction to Business

.5 Credit

Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics

Business Work Experience (Work)

.5 Credit per 60 hours

Prerequisite: Teacher/Coordinator Approval

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 postsecondary education.

Personal Finance

.5 Credit-11th & 12th

COURSE MEETS GRADUATION REQUIREMENT FOR FINANCIAL LITERACY & MAY BE TAKEN FOR .5 MATH CREDIT

This course emphasizes life-long decision-making skills in personal financial management through exploring the economic way of thinking, calculating taxes, spending and budgeting, credit and debt, saving and investing, and types of insurance. This course will give a student hands-on experience through computer simulations, websites, and financial calculators, as well as a connection with real-world expertise through guest speakers.

Computer Science Foundations

.5 credit

The 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-word 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.

Web Design Foundations

.5 Credit

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.

Advanced Film

1.0 Credit (Prerequisite: Recommendation from an ELA teacher and permission from Mr. Franklin. Parental consent required due to international content and exposure to Rated R materials)

This year-long course is designed for seniors with strong analytical and writing skills who have a passion for film. The **fall semester** focuses exclusively on film study, examining cinematic techniques, storytelling, and global perspectives in cinema. Students will engage in in-depth discussions and write critical analyses, culminating in a scholarly critique of an international film.

In the **spring semester**, students will transition from analysis to creation, exploring the fundamentals of filmmaking, including screenwriting, directing, cinematography, and editing. The course will conclude with a **film portfolio** showcasing original student work.

Writing will be conducted at a collegiate level, and students are expected to engage with the material critically and professionally.

This course is both rigorous and rewarding, offering students the opportunity to deepen their appreciation of film as an art form while developing their own creative voice.

LEAD 1

.5 Credit per term (Sophomores only)

This 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. 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. This is a preparatory class to be a peer tutor and potentially intern in the next year or two. Teaches and allows students to practice the skills and characteristics of being a good leader with a focus on education and human resource pathways.

LEAD 2

0.5 Credit

Prerequisite: LEAD 1 (Juniors only who have taken LEAD 1)
This class is a continuation of LEAD 1 paired with a separate peer tutor class and an internship.

Intro to Social Media Marketing

0.5 Credit
In this class students will develop marketing strategies, write, direct and produce social media content tailored towards a marketable audience. Students will learn and develop marketing strategies. Students will study and identify their audience, look at social media trends and use those trends and audience to create a selling product.

IB Business and Management HL

.5 Credit per term
Prerequisite: Must be in IB Program
The IB Business and Management program is designed to give an understanding of business principles, practices, and skills. Emphasis is also placed on understanding technical innovation and day-to-day business functions of marketing, human resource management, and finance. Applied to the Business and Management program, it necessitates a style of teaching and learning based on integrating and linking the various modules to give a holistic

overview by the end of the course. IB Business and Management is a rigorous and critical study of the ways in which individuals and groups interact in a dynamic business environment. We will explore how and why organizations are formed, roles of individuals and groups, and current challenges organizations face from social and technological changes.

CULTURALLY & LINGUISTICALLY DIVERSE EDUCATION (CLDE)

English Language Development (ELD)

English Language Development (ELD) is a program designed for students who first learned a language other than English. Only students who have been admitted and tested according to criteria from the ESL District Office and the Colorado Department of Education can take these classes. The Colorado Department of Education English Standards and English Language Development Standards are used to structure classes for English Language Learners (ELLs). Students learn to communicate by reading, writing, speaking and listening in English using a variety of sources for academic and social purposes. Students use English language specific and content area language resources for learning English.

ELD 1

1.0 Credit
GRADES 9 - 12
Placement is determined by the WIDA Level and/or teacher recommendation

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.

ELD 2

1.0 Credit
GRADES 9 - 12
Placement is determined by the WIDA Level and/or teacher recommendation

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.

ELD 3

1.0 Credit

GRADES 9 - 12

Placement is determined by the WIDA Level and/or teacher recommendation

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.

ELD 4

1.0 Credit

GRADES 9 - 12

Placement is determined by the WIDA Level and/or teacher recommendation

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.

ELD Fundamentals

.5 Credit

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.

FAMILY AND CONSUMER SCIENCES

Child And Adolescent Development

.5 Credit

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.

Culinary Essentials I & II

.5 Credit Each

This course is designed to introduce students to a variety of culinary skills and food preparation. Through instruction and culinary lab practice, this class will provide an opportunity for students to learn food preparation and demonstrate food safety. Some topics include introductory culinary skills and preparation of items such as quick breads, yeast breads, and eggs; as well as meal and menu planning, nutrition, and food borne illnesses. Students will be able to: Demonstrate the correct procedures' and techniques in introductory culinary labs, analyze nutritional guidelines and plan menus that are nutritionally balanced, and demonstrate food safety standards.

Interpersonal Relationships

.5 Credit

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.

Baking & Pastry

.5 Credit (Prerequisite Culinary I &II)

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, learn to develop their culinary skills and food knowledge to become employable and sought after employees by local food service businesses.

Resort & Event Management A&B

1.0 credit Year long course. Prerequisite (Culinary I&II, Baking & Pastry)

This course provides an overview of the historical development, organization structures, future growth, and dynamics of the tourism and hospitality industry from the perspective of

the global economy. Hospitality leaders are integrated into the course to provide industry perspective and lessons in leadership successes and failures. This course will present an overview of dynamic interrelationships of the lodging industry, and segmentation of the various types of properties and how they differ from each other. Examinations of various topics include: guest services, human resources, property management, sales and marketing, brand management, revenue management, career paths, current industry trends, and historical industry developments.

PERFORMING ARTS **Note: All Music classes are considered Fine Arts electives**

Advanced Women's Choir

.5 Credit per term/entire year participation is strongly encouraged
Prerequisite: Audition/Permission of the Instructor (10-12)
$10 Participation Fee and Cost of Performance Wear
This choral ensemble is designed for an auditioned group of advanced choral students that will study and perform a wide variety of choral literature including styles from the Renaissance through the 21st century. Two, three, and four-part music will be studied. Music theory, sight singing, and ear-training instruction are provided. Public performances outside of class are part of this course and attendance/participation is required.

Beginning Women's Choir

.5 Credit per semester/entire year participation is strongly encouraged
$10 Participation Fee and $10 Robe Cleaning Fee
This class is provided for women who wish to become familiar with the fundamentals of choral music at the high school level. Unison, two, three-part music will be studied. Music theory, sight singing, and ear-training instruction are provided. Public performances outside of class are part of this course and attendance/participation is required.

Intermediate Women's Choir

.5 Credit per term/entire year participation is strongly encouraged
Prerequisite: Audition/Permission of the Instructor (9-12)
$10 Participation Fee and Cost of Performance Wear
This auditioned course is intended for singers who have demonstrated an intermediate-level musical ability and a desire for advanced instruction and performance in choral singing. Unison, two-part, and three-part literature of many genres will be studied. Music theory, sight singing, and ear-training instruction are provided. Public performances outside of class are part of this course and attendance/participation is required.

Men's Choir

.5 Credit per term/entire year participation is strongly encouraged

$10 Participation Fee and Cost of Performance Wear

This class is provided for men who wish to become familiar with the fundamentals of choral music at the high school level. Unison, two, three-part music will be studied. Music theory, sight singing, and ear-training instruction are provided. Public performances outside of class are part of this course and attendance/participation is required.

Concert Orchestra

.5 Credit per term

Prerequisite: Permission of the instructor. Beginning students may enroll with teacher approval

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.

Symphonic Orchestra (Advanced)

.5 Credit per term

Prerequisite: Permission of the instructor.

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. Participation in this class is by audition or permission from the instructor. Full year participation is encouraged.

Jazz Ensemble -

.5 Credit per term

Jazz Band allows the student to increase his or her musicianship through the study of the American musical Idiom of Jazz. Students will learn skills in improvisation, interpretation and creation of this unique musical form in accordance to the adopted music standards. Piano,

guitar and bass players need not be members of a concert band; however, they must audition and be able to read musical notation. Rehearsals and public performances outside of class are a part of this course and are required as part of the grade. (Please note: because of its historical significance, sacred and/or patriotic music is occasionally performed in this band. Members electing not to participate in works of this nature will be required to complete alternative assignments as determined by the director.) Members will need to purchase or rent concert attire. *Full year participation is encouraged*

Jazz Ensemble Advanced - Zero Hour

.5 Credit per term

Prerequisite: Audition only and membership in one of the concert bands.

Jazz Band allows the student to increase his or her musicianship through the study of the American musical Idiom of Jazz. Students will learn advanced skills in improvisation, interpretation and creation of this unique musical form in accordance to the adopted music standards. Piano, guitar and bass players need not be members of a concert band, but must audition and be able to read musical notation. Rehearsals and numerous public performances outside of class are a part of this course and are required. Attendance is mandatory. (Please note: because of its historical significance, sacred and/or patriotic music is occasionally performed in this band. Members electing not to participate in works of this nature will be required to complete alternative assignments as determined by the director.) Members will need to purchase or rent concert attire.

Marching Band

.5 Credit per term

Marching Band is open to all students; prior marching experience is not necessary. The band performs for local parades and civic functions as well as local and state festivals and for home football games, parades and pep rallies. Major emphasis of this class deals with preparation of precision field drills while performing quality music for performance and contest. This band will meet at designated times (before school begins and after the usual school day hours). Attendance at rehearsals and public performances outside of class are a major part of this course and are required as part of the grade. (Please note: because of its historical significance, sacred and/or patriotic music is occasionally performed in this band. Members electing not to participate in works of this nature will be required to complete alternative assignments as determined by the director.)

Symphonic Band

.5 Credit per term

Prerequisite: Prior experience in reading music and playing an instrument.

This course is designed to further the students' knowledge and skill levels acquired in previous band experiences. **It is the centerpiece of the band program**. 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. (Please note: because of its historical significance, sacred and/or patriotic music is occasionally performed in this band. Members electing not to participate in works of this nature will be required to complete alternative assignments as determined by the director.)Full year participation is encouraged.

IB Music SL/HL

.5 Credit per term-

Prerequisite: two year course Must be in IB Programme

The IB Music course offers a balanced exploration of musical practice and research for students to become well-rounded musicians. It is structured around three central musical processes—exploring, experimenting, and presenting—and emphasizes three roles for students: researcher, creator, and performer. Students engage with diverse musical forms through four Areas of Inquiry, and the Higher Level (HL) includes an additional component focusing on contemporary music-making. The course develops critical thinking, international-mindedness, and practical musicianship through a combination of practical work, critical reflection, and creative exploration.

Acting I & II – (Beginning & Advanced)

.5 Credit per term

This course offers, through literature and activities, the fundamentals of analysis, rehearsal, and performance of dramatic roles. Students work individually and in groups exploring styles and methods of acting and analyzing characters through the study of plays and improvisational activities, as well as practicing and performing dramatic presentations.

Play Production 1 & 2(advanced):

.5 Credit per term

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.

Theater Arts I

.5 Credit

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 theater. 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.

Theater Arts II

.5 Credit

In this course students will watch and review movies that changed and shaped culture.

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. Student may be requested to attend a show outside of class time

IB Theatre SL

Prerequisite: Must be in IB Program

.5 Credit per term

The IB Theatre course is a multifaceted program for creating and understanding theatre from individual and collaborative perspectives, focusing on the three areas of "theatre in the making," "theatre in performance," and "theatre in the world". Students learn performance skills, theater history, play analysis, and production while acting as creators, directors, performers, and designers. The course requires students to actively research, create, present, and critically reflect on their work, emphasizing international-mindedness and the diverse forms of theatre across cultures.

PHYSICAL EDUCATION

(All Freshman are required to take a full year of PE)

PE I&II

.5 Credit to graduate (Freshman must take a full year of PE)

Uniform Required

This course is centered around the development of popular Team Sports as well as basic knowledge of physical fitness and lifetime skills applications. Fundamental skill development, rule comprehension, offensive and defensive strategies and sportsmanship are taught for activities such as basketball, flag football, hockey, soccer, softball, and volleyball.

Dance

.5 Credit per term (Counts toward elective credit. Not a PE Credit)

This is an introductory dance course. Students are introduced to basic steps as well as some history and dance composition. Ballet, Jazz, Modern, and Tap are just a few of the styles explored. Students are expected to choreograph a short dance as a final project.

Lifetime Activity

.5 Credit per term

Uniform Required. Prerequisite: PE I or II

In this course, students will experience many types of physical activities that can be enjoyed for a lifetime. Course topics include Bowling, Golf, Tennis, Archery, Swimming, Ice Skating, Kayaking, Disc Golf, Croquet, Bocce, Horseshoes, Table Tennis, Martial Arts, Billiards, Darts, Rock Climbing, Team Sports and fitness Activities. Assessments will be based on daily attendance and participation, appropriate dress, course topic worksheets, fitness focus worksheets, quizzes, and exams. No homework is required. Students must provide their own transportation to off-campus activities. This is a premier physical education class where exemplary behavior is expected.

****Additional Fees and Transportation may apply to some courses choices**

Personal Fitness and Wellness-REQUIRED FOR GRADUATION

.5 Credit

Prerequisite: Freshman PE credit

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.

Team Train/Conditioning

.5 Credit per term (also counts as PE credit. Must also have PE class at the same time if you are a freshman)

Uniform Required. Prerequisite: active participation in an extracurricular sport

This course is designed for athletes. The course will include: weight lifting, plyometrics, conditioning, and a focus on specific skills

Weights

.5 Credit per term

Uniform Required. Prerequisite: PE I or II

This class is designed as an introduction to basic free weight training. Proper lifting techniques, spotting, and safety are emphasized.

SPECIAL COURSE WORK

CAREER AND COLLEGE PREP

.5 Credit

Grade 10

Students identify their personal strengths and interests, research careers, and the several pathways that are available to reach their career goals. Students also learn professional skills to gain employment. A job shadow is a requirement for this course to further experience the career of interest.

INDEPENDENT STUDY – See counselor for details

Prerequisite: Grade 11-12

When a student has demonstrated the ability and maturity necessary to work under supervision on a program of his/her own creation, independent of a classroom setting, an independent study may be considered. The student and supervising teacher will create a contract for the independent study and present it to the counselor and assistant principal. Parent/Guardian permission is required. Credits will be based on individual term work. The attendance policy remains in effect for independent study students.

STUDY HALL

.5 Credit Students earn either a Pass or Fail Grade

Prerequisite: Permission of instructor

This course is designed to serve students who are struggling academically (earning Ds or Fs) 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 textbook, and resource materials as well as developing basic computer skills. Students will be expected to apply them to their other classes.

TECHNOLOGY EDUCATION

Principles of Construction

.5 Credit per term

Principles of Construction is a foundational course in the Architecture & Construction cluster covering essential knowledge, skills, and concepts required for careers in construction. Upon completion of this course, proficient students will be able to describe various construction fields and outline the steps necessary to advance in specific construction careers. Students will be able to employ tools safely and interpret construction drawings to complete projects demonstrating proper measurement and application of mathematical concepts. Standards in this course also include an overview of the construction industry and an introduction to building systems and materials.

Woodworking Technology

.5 Credit

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.

Construction Technology II

.5 Credit

In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians or supervisors, or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills

Carpentry Technology A&B

1.0 Credits (full year course) Careers in Construction Pathway

This course is the foundation of the Careers in Construction Pathway. Students will work through the Home Builders Institute- PACT Core curriculum, combining coursework and quizzes with hands-on projects and competencies. Topics include Introduction to building Trades, Construction Math, Tool Identification and Construction Material, and Employability Skills. Successful completion of this course results in a pre-apprenticeship certification and

an OSHA-10 certification, allowing students to be hirable for work.

Mechanical, Electrical & Plumbing

.5 credit per semester (Prerequisites: Successful completion of Carpentry Technology A&B) As the next level of the Careers in Construction Pathway, students will continue to use the Home Builders Institute curriculum to gain specific certifications, per semester. Course offerings will be on a rotating basis, including: Carpentry, Electrical, Plumbing, HVAC, Green Building, Brick Masonry, Landscaping, Painting & Finishing, Building Construction Technology, Weatherization.

VISUAL ARTS

Note: Students may only take one Art class per term. All Art classes are considered Fine Arts electives. All classes are a 1/2 credit per term.

3-D Design (Sculpture)

.5 Credit per term

This course provides students with hands-on experience in designing and creating sculptures using three basic processes: additive, subtractive, and manipulative. Students will work with various materials, including wire, plaster, and cardboard and clay. Emphasis is placed on creativity, originality, self-expression, and the development of a personal artistic style.

3-D Design Jewelry Making

.5 credit per term

Students will explore sculpture through the creation of unique jewelry designs. They will utilize a variety of mediums to craft different jewelry pieces or miniature sculptures. Additionally, students will research various jewelry designs and incorporate their findings into their exploration of these mediums.

Art I

.5 Credit per term

This survey course introduces students to the fundamentals of art through both 2-D and 3-D techniques. Topics include freehand drawing, portraiture, color theory, linear perspective, elements and principles of design, art history, and appreciation of art. Creativity and

originality are emphasized, and this course serves as a prerequisite for all subsequent art classes.

Ceramics I
.5 Credit per term

This introductory course focuses on clay's functional and artistic uses. Students will develop basic hand-building skills and gain initial exposure to the potter's wheel. The course covers decoration and finishing techniques, as well as art history and criticism. Emphasis is placed on creativity, originality, self-expression, and the development of a personal style.

Draw/Paint
.5 Credit

This course introduces students to essential concepts and skills in two-dimensional visual art.. Both drawing and painting art materials are used in projects leading to mastery of perspective, shading, portraiture, caricature, graphic design principles, and observational, photo-based, and imaginative drawing and painting. Effective use of art vocabulary and methods of aesthetic critique are taught through the study of class projects, masters from popular culture and art history.

Mixed Media
.5 Credit

In this class, students will experiment with mixed media, which involves combining various art forms to create a single piece. The course encompasses both 2-D and 3-D processes, encouraging students to explore diverse techniques and materials.

Photography
.5 Credit
Prerequisite: A digital camera

This course teaches students the technical and creative skills necessary for fine art photography. Through hands-on experience, students will learn to utilize their cameras and enhance their images from capture to editing to printing. The course includes exposure to master photographers and opportunities for assessment and critique. A Point and Shoot camera or DSLR with a minimum of 10 megapixels is required; the school does not provide cameras. Other camera types may be permitted with teacher approval (no camera phones).

Graphic Design
.5 Credit

This course explores the graphic arts field using technology. Students will apply basic drawing, design, and computer skills to produce high-quality work. Topics may include typography, logo design, advertising/marketing art, and package design. Creativity, originality, and self-expression are key components of this course, along with the development of a personal style

Printmaking
.5 Credit

This high school printmaking course introduces students to a variety of printmaking techniques, emphasizing both traditional and contemporary processes. Students will explore materials, design considerations, and the history and technology of printmaking while developing technical skills.

Advanced Art
0.5 Credit

This course is designed for advanced students looking to build a comprehensive art portfolio and deepen their artistic abilities. Students will pursue projects and materials that inspire them, encouraging self-driven exploration. Students will research and study art history and apply this knowledge to their work. Teacher signature and approval are required for enrollment in this course.

Advanced Ceramics/Ceramics 2
0.5 Credit

This course is designed for students that have already taken ceramics at least one time and would like to gain skill and knowledge with clay. Students will be creating a portfolio of pieces and show growth in both skill and design. Students will research and study ceramics history and apply this knowledge to their work.

IB Visual Arts SL/HL
.5 Credit each term – two year course Must be in IB Programme
Suggested Prerequisite: Art 1 & 2,

This class is part of the IB program. The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts.

Supporting the International Baccalaureate mission statement and learner profile, the course encourages students to actively explore the visual arts within and across a variety of local, regional, national, international and intercultural contexts. Through inquiry, investigation, reflection and creative application, visual arts students develop an appreciation for the expressive and aesthetic diversity in the world around them, becoming critically informed makers and consumers of visual culture.

WORLD LANGUAGES

Spanish I

1.0 Credit

Note: Spanish I should not be taken by heritage speakers of Spanish. They should begin at least in Spanish III.

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.

Honors Spanish I

1.0 Credit

Prerequisite: Strong recommendation from middle school Spanish teacher or IB candidacy

This class will cover twice the material as the regular Spanish I, with a more intense focus on internationalism, culture and literature. Some outside reading required. Equivalent of completing Spanish I & II (Two years of spanish).

Spanish II

1.0 Credit
Prerequisite: Spanish I or Teacher recommendation
Note: Spanish II should not be taken by heritage speakers of Spanish. They should begin at least in Spanish III.

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.

Honors Spanish II

1.0 Credit
Prerequisite: Honors Spanish I, Standard Spanish I and II, Teacher recommendation.
The level three world language course is designed to increase the 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.

Spanish for the Native Speaker

.5 Credit per term
Prerequisite: Spanish speaker or for students who have finished Honors II/Spanish III and want to pursue further language skill. This is a latino studies course taught in Spanish that is guided by the following inquiry questions: ¿Cómo somos los hispanohablantes? ¿Por qué somos así? En este curso hablamos de asuntos de la identidad Latina. Es una clase especial para ustedes que hablan español. The main focus of this class is literacy in Spanish wherein students will read, write and converse at their own levels in Spanish, progressing on to more complex material and literature. This class is a good stepping stone to AP Spanish Language

AP Spanish Language

1.0 Credit
Prerequisite: Spanish 4 or teacher recommendation

AP Spanish Literature and Culture course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. It aims to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills — with special attention to critical reading and analytical writing — and to encourage them to reflect on the many voices and cultures included in a rich and diverse body of literature written in Spanish.

IB Spanish SL/HL

1.0 Credit per year Grades 11&12 (two year model. May take IB Spanish if you are in the Biliteracy Program)

IB Spanish courses, offered at both Standard Level (SL) and Higher Level (HL) in a two year model. They focus on developing students' language skills in all four areas: listening, speaking, reading, and writing. The courses also aim to foster an understanding of Spanish culture and promote intercultural awareness. IB Spanish emphasizes communicative competence, enabling students to communicate effectively in a variety of contexts.

French I

1.0 Credit

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.

Honors French I

1.0 Credit

This class will cover twice the material as the regular French 1, with a more intense focus on internationalism, culture and literature. Past, present, and future tenses will be taught and learned through practice, therefore students are expected to speak French for most of the class time.

French II

1.0 Credit

Prerequisite: Successful completion of French I and teacher recommendation

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.

Honors French II*

1.0 Credit

The level three world language course is designed to increase the 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.

IB French SL

1.0 Credit per year. Grades 11&12 (two year model)

The IB French SL (Standard Level) course is a two-year program designed for students with some prior French language experience, aiming to develop their ability to communicate effectively in both spoken and written French while fostering an understanding of French-speaking cultures. Students will learn to interact in various everyday situations, explore diverse topics through thematic units, and develop their intercultural understanding.

ASSISTANTSHIPS

OFF-CAMPUS TUTOR

.5 Credit

Prerequisite: Grades 10-12, Approval by counselor

High school students will mentor elementary and/or middle school students in the areas of reading and writing. High school mentors will follow a prescribed plan for meeting the younger students' skill deficiencies. High school students are required to provide their own transportation to and from the elementary/middle school. Mentors must have the approval of their counselor. A minimum GPA of 2.5 is required

PEER TUTOR

.5 Credit

Prerequisite: Grades 11-12, Permission of counselor and instructor

This course is designed to pair regular education students (peer coaches) with students who have special needs. The peer coaches will aid in the exceptional student's development and improvement in the following areas: physical, mental, emotional, and social growth and development. Peer tutors need to be enthusiastic, positive, willing to work with special needs students, and have good attendance. Evaluation will be based on daily attendance, daily participation and the ability to work with, encourage and motivate the exceptional student. No homework will be required.

TEACHER AIDE

.25 Credit

Prerequisite: Grades 10-12, Permission of counselor and instructor

Students who are interested should contact the teacher they wish to assist and follow the protocols required by their high school.

WORK-BASED LEARNING

BUSINESS WORK EXPERIENCE (BWE) WORK

This course is designed to supplement course work (from the BWE class, sometimes offered as an independent study with a business teacher) with practical paid work experience related to students' educational program and occupational objectives. Students acquire valuable workplace skills required to be successful on the job. Students will relate the importance of workplace expectations to career development. For every 60 hours, students will receive .5 elective credit. The teacher will award a letter grade

CAREER INTERNSHIP

.5 Credit for every 60 hours

A career internship is an unpaid career exploration experience that occurs outside of the student's home school. This class is designed to encourage students to explore and expand their career interests in a related profession or workplace. Students are required to conform to Workplace Standards that require proficiency in communication skills, organizational skills, thinking (reasoning) skills, demonstration of effective worker qualities, and technology skills. Students can earn a total of two elective credits towards graduation. Students will earn .5 elective credit (Pass/Fail) for 60 hours of experience time. A career internship requires several commitments on behalf of the student and his/her family.

- Students must develop a resume and cover letter to submit to possible internship sites.
- Students must use their ICAP experience (career cluster identification, self-awareness of strengths and growth areas, pathway selection, post-secondary training & education goals) to identify and contact possible internship sites.
- Students must complete and turn in Workman's Comp Liability Form & Work-Based Learning Agreement.
- Students must provide his/her own transportation to and from the internship site.
- Student must Student Log of Hours signed by supervisor to receive .5 credit of elective

YOUTH APPRENTICESHIP

Prerequisite: Selection based on Application

Grades 11 – 12 and beyond

Apprenticeships offer a unique work-based learning experience where students get to spend a portion of their week (during the school day) training to work at a local business here in the Grand Valley, while getting paid! Students can earn high school and college credit. Apprenticeships are offered in growing industry sectors for our region and include: Information Technology, Advanced Manufacturing, Financial Services, Business Operations and Healthcare. Apprenticeships are a three year commitment, and students can continue the 3rd year while they are enrolled in college. For more information, please talk to your counselor.

- *Students must develop a resume and cover letter to apply.*
- *Students must use their ICAP experience (career cluster identification, self-awareness of strengths and growth areas, pathway selection, post-secondary training & education goals) to identify and apply for appropriate apprenticeship opportunities.*
- *Students must complete the Educational Training Agreement form.*
- *Students must submit Student Log of Hours with pay stubs attached signed by counselor/registrar to receive .5 credit of elective credit (Pass/Fail) for every 60 hours worked.*
- *Students must secure transportation to and from their job site*

WORK EXPERIENCE

This course in a student's schedule signifies that a student is working during part of their day. Students may earn up to two elective credits through Work Experience each year. Students must turn in an Educational Agreement Form and submit copies of the Student Log of Hours form and pay stubs to their counselor or registrar to earn credit and track seat time. For every 60 hours, students will receive .5 elective credit. The credit will be entered onto the transcript with a grade of Passing (P). Students must meet with their counselor to set Work Experience up in his/her schedule. Students must provide their own transportation to his/her job site.