

COURSE DESCRIPTION BOOKLET

2019 - 2020



Montezuma-Cortez High School

M-CHS COURSE OFFERINGS

All courses offered at M-CHS are listed here. Please check the individual courses for prerequisites, course availability, and duration of courses. Courses with an asterisk are honors level courses.

ENGLISH PAGE 19 - 20

ENG901	English Foundations
ENG101	English 1
ENG105	*Advanced English 1
ENG201	English 2
ENG205	*Advanced English 2
ENG301	English 3
ENG305	*AP English 3 Lang. & Composition
PCC302	*PCC English 121/PCC English 122
ENG401	English 4
ENG405	*AP English 4 Lit. & Composition
PCC310	*PCC Intro to Literature I

MATHEMATICS PAGE 21 - 23

MAT103	Essentials of Algebra A/B
MAT105	Essentials of Algebra C/D
MAT101	Algebra 1
MAT301	Geometry
MAT305	Advanced Geometry
MAT201	Algebra 2
MAT107	Advanced Algebra 2
MAT501	Statistics
PCC311	*PCC Introduction to Statistics
MAT502	Pre-Calculus/Trigonometry
MAT504	*Calculus AB
MAT503	*AP Calculus AB
PCC301	PCC Career Mathematics
PCC312	PCC Personal//Business Math
MAT901	Math Foundations

SCIENCE PAGE 24 - 25

SCI201	Physical Science
SCI203	Advanced Physical Science
SCI301	Biology
SCI303	Advanced Biology
SCI101	Earth Science
SCI401	Anatomy & Physiology
PCC303	*PCC Anatomy
SCI501	*AP Environmental Science
SCI503	Physics
SCI601	*AP Physics
SCI702	CLEP Chemistry

SOCIAL STUDIES PAGE 26

HIS201	U.S. History
HIS401	American Government
HIS403	*AP American Government
HIS503	Contemp. World Studies & Economics
HIS501	Psychology

BASIC STUDENT SERVICES PAGE 27 - 28

BSS203	Math 2
MAT103	Essentials of Algebra
BSS303	Reading 2
BSS305	Writing
BSS101	Life Skills
BSS108	Functional Math
BSS103	Functional Reading
BSS104	Functional Science
BSS109	Functional Independent Study
BSS501	Basic U.S. History

CTE ACE PAGE 28

MAT401	Personal Finance
BSS307	Speech
BSS701	Entrepreneurship
BSS601	World of Work
BSS602	ACE Work
BSS200	Content Mastery

AGRICULTURE PAGE 8 - 9

AGR101	Agriculture 1
AGR201	Agriculture 2
AGR301	Agriculture Mechanics 1
AGR401	Agriculture Mechanics 2
AGR501	Animal & Plant Science
AGR505	Agribusiness Management & Marketing/Animal Science II

ART / VISUAL ARTS PAGE 9 - 11

ART101	Art 1 / Basic Design
ART501	Sculpture / Jewelry
ART201	Art 2/Principals of Design/Graphic Design
PCC305	*PCC Drawing 1
ART510	Photography
PCC307	*PCC Digital Photography 1
ART301	Art 3 / Exploration in Art
ART305	*AP Art 3/ Studio Drawing Portfolio
ART405	*AP Art 4/ Studio Drawing Portfolio

COMPUTER SCIENCE PAGE 11

CPS103	AP Computer Science Principles
CPS101	Database Fundamentals
CPS201	Web Design with HTML / CSS
CPS203	Intermediate Programming & Software Development

DRAMA & THEATRE PAGE 12

DRA101	Acting S1
DRA201	Technical Theatre S2
DRA301	Film Making
DRA103	Advanced Theatre Studies

FAMILY CONSUMER SCIENCE PAGE 12 - 13

FAC101	Catering 1
FAC201	Catering 2
	*PCC Food Safety & Sanitation
FAC203	Catering 3
FAC204	Catering 4
FAC501	Early Childhood Development
FAC401	Fashion Design

HEALTHCARE, EMERGENCY & FIRE

MANAGEMENT SERVICES PAGE 13 - 14

FRS201	Intro to Health Services & Community Emergency Response Team
FRS301	Intro to Fire Science / Principles / Emergency Services
PCC102	*PCC Emergency Medical Responder
PCC100	*PCC EMT/Emergency Medical Tech.
PCC101	*PCC Medical Terminology (online)

PHYSICAL EDUCATION PAGE 14

PED301	Weight Training
PED401	Lifetime & Team Sports
PED201	Adolescent Issues
PED101	Athletic Strength & Conditioning

MUSIC PAGE 15 - 16

MUS101	Advanced Band
MUS109	Concert Intermediate Band
MUS102	Color Guard T1
MUS203	Introduction to Percussion
MUS201	Introduction to Guitar
MUS301	Chamber Choir
MUS305	Concert Choir
MUS404	Piano Class
MUS500	Music Theory

WORLD LANGUAGES PAGE 16 - 17

FRL201	French 1
FRL203	French 2
FRL205	French Intermediate 1
PCC308	*PCC French 1
FRL206	French Intermediate 2
PCC309	*PCC French 2
FRL101	Spanish 1
FRL103	Spanish 2
FRL108	Spanish Intermediate 1
NAV201	Navajo Language 1 (online)
NAV101	Navajo Government (online)

OTHER ELECTIVE OPPORTUNITIES PAGE 17 - 18

TAD103	Student Mentor (Kidz-to-Kidz)
HIS501	Psychology
INT101	Internship
WRK102	Senior Work Study
TAD102	Student Aide
SAT101	SAT Prep (Online Class)
AVD101	AVID College Prep 9 th , 10 th , 11 th , & 12 th
BLT101	Building Trades
ENG500	Yearbook
BUS203	Podcasting
ONL101	Online Education

PCC CLASSES taught at SCCC PAGE 29

SW101	Automotive
SW701	Nurse Aide
SW801	Welding

ELECTIVE PCC CLASSES taught at M-CHS PG 29

PC307	*PCC CNA
PC308	*PCC Phlebotomy

Montezuma-Cortez High School

418 South Sligo Street
Cortez, Colorado 81321
Main Office: 970-565-3722
Fax: 970-565-5118

<http://www.mchs.cortez.k12.co.us>

<http://www.powerschool.cortez.k12.co.us>

<http://www.facebook.com/MCHSCortez>

M-CHS ADMINISTRATION OFFICE

Jason Wayman, Principal
Lee Ann Pearsall, Assistant Principal
David Robinson, Assistant Principal & Activities Director
Sue Ciccio, RE-1 Schools Health Services Director
Natalia Erlandson, Health Services Secretary
Jerry Sam, Student Resource Officer City of Cortez
Debra Ramsey, Principal Secretary
Charlet Johnson, Assistant Principal Secretary
Vicki Englehart, Receptionist
Elsie Walck, Activities Secretary
Maness, Slagle, Higgins Senior Counselors
Amanda Higgins, Junior Counselor
Tammi Slagle, Sophomore Counselor
Carmen Maness, Freshman Counselor
Cammy Stevens, Registrar
Gina Littlefield, Counseling Secretary/PowerSchool Passwords
Kimberly Olson, Librarian/AP Coordinator/Sub Liaison

RE-1 SCHOOL DISTRICT ADMINISTRATION OFFICE

Lori Haukeness, Superintendent of Schools
Dan Porter, Assistant Superintendent/Director of Human Resources
Melissa Brunner, Director of Finance

2018-2019 BOARD of EDUCATION

Sherri Wright, President
Sheri Noyes, Vice President
Tammy Hooten, Treasurer
Kara Suckla, Secretary
Regina Lopez-Whiteskunk, Director
Lance McDaniel, Director
Dr. John Schuenemeyer, Director

SCHOOL BOARD MEETINGS

The RE-1 Board of Education usually meets on the 3rd Tuesday of each month at 7:00pm in the Board Room of the Administration Building located at 400 North Elm Street, Cortez. Please call administration office for any changes at 970-565-7282 ext. 1119.

Montezuma-Cortez School District RE-1 and Montezuma Cortez High School is an equal opportunity institution and does not unlawfully discriminate on the basis of race, color, national origin, sex, disability in admission to, or treatment or employment in its educational programs or activities. Inquiries concerning Title VI, Title IX, Section 504 and ADA may be referred to the Superintendent's Office of Montezuma-Cortez School District RE-1 P.O. Drawer R, Cortez, CO 81321, (970) 565-7522 or to the Office for Civil Rights, U.S. Department of Education, Region VIII, Federal Office Building, 1244 North Speer Blvd. Suite 310 Denver, CO 80204, (303) 844 2991.

ACTIVITIES offered at Montezuma-Cortez High School

ACT – American College Testing Site
AISES – American Indian Science Engineering Society
AP – Advanced Placement
Band – Marching & Concert
Catering / Panther Chefs
Choir – Chamber & Concert
Concurrent Enrollment – PSEO
Cortez FFA – Future Farmers of America
CU Boulder Upward Bound
Drama Club / Thespians / Impulsive Improvisors
FCCLA – Family, Career and Community Leaders of America
Fort Lewis College Talent Search
Fort Lewis College Upward Bound
French & Spanish Club
Honors Diploma Program
HOSA – Health Occupations Students of America / Fire Science
Internships
Knowledge Bowl
National Honor Society
Open Movement Education – Weights Program (a.m. & p.m.)
Panther Screen Printers
Senior Work Study
Student Athletic Organization
Student Government
Tutoring – As available
Yearbook / Annual
Young Artist Association

ATHLETICS at Montezuma-Cortez High School

Baseball	Soccer – Boys
Basketball – Boys	Soccer – Girls
Basketball – Girls	Softball
Cheerleading	Swimming – Girls
Color Guard	Tennis - Girls
Cross Country - Boys	Track - Boys
Cross Country - Girls	Track – Girls
Dance Team	Volleyball
Football	Wrestling
Golf - Boys	

The Purpose of this guide is to provide a comprehensive and unified overview of the curriculum, administration, and extra-curricular services and opportunities available at Montezuma-Cortez High School. It is intended as a course selection guide for students and parents. The curriculum at our high school reflects the quality and standards established at the district level and allows for the unique needs of our school and our community.

ALL COURSES LISTED ARE SUBJECT TO REVIEW, RELATIVE TO BUDGET CONSIDERATIONS

SECTION	PAGE
REFERENCE SECTIONS:	
M-CHS Course Offerings	2
M-CHS Administration / RE-1 Administrations / School Board Listing	3
M-CHS Activities & Athletics	3
M-CHS Graduation Requirements	5
M-CHS Honors at Graduation	6
M-CHS Honors Diploma Program	7
ELECTIVE LISTING:	
Agriculture Education	8-9
Art / Visual Arts	9-11
Computer Science	11
Drama / Theatre	12
Family & Consumer Science	12-13
Healthcare, Emergency & Fire Management Services	13-14
Physical Education	14
Music	15-16
World Languages	16-17
Other Elective Opportunities (grade specified)	17-18
ACADEMIC CLASS LISTING:	
ENGLISH	19-20
MATHEMATICS	21-23
SCIENCE	24-25
SOCIAL STUDIES	26
BASIC STUDENT SERVICES	27-28
PCC Concurrent Enrollment Courses offered on SCCC Campus	29
PCC Concurrent Enrollment Courses offered at M-CHS	29
Montezuma-Cortez High School Academic Guidelines	30-32
College Admission Standards	33
Colorado Commission of Higher Education Admission Eligibility Index	34
NCAA Eligibility Center Quick Reference Guide	35
M-CHS Career / Academic Plan Sheet	36

PLEASE BE SERIOUS ABOUT YOUR EDUCATION

Choose classes that are challenging, represent a variety of skills and broad range of knowledge, progressively move you closer to a high standard of excellence, and prepare you for life-long learning BEYOND high school.

MONTEZUMA-CORTEZ HIGH SCHOOL GRADUATION REQUIREMENTS

Class of 2018, 2019, 2020 GRADUATION REQUIREMENTS		Class of 2018, 2019, 2020 *HONORS DIPLOMA		Class of 2018, 2019, 2020 BASIC DIPLOMA	
COURSE AREA	CREDITS	COURSE AREA	CREDITS	COURSE AREA	CREDITS
ENGLISH	4.0	ENGLISH	4.0	ENGLISH	3.0
MATH	3.0 (must include Geometry)	MATH	4.0	MATH	2.0
SCIENCE	3.0	SCIENCE	3.0	SCIENCE	2.0
SOCIAL STUDIES	3.0	SOCIAL STUDIES	3.0	SOCIAL STUDIES	2.0
Physical Education	0.5	Physical Education	0.5	Physical Education	0.5
Health	0.5	Health	0.5	Health	0.5
Electives	9.0	Electives	8.0	Electives	13.0
Foreign Language	---	Foreign Language	2.0 (both in the same language)	Foreign Language	---
Fine Arts	---	Fine Arts	1.0	Fine Arts	---
Total	23.0	Total	26.0	Total	23.0

Class of 2020 GRADUATION REQUIREMENTS		Class of 2020 *HONORS DIPLOMA		Class of 2020 BASIC DIPLOMA	
COURSE AREA	CREDITS	COURSE AREA	CREDITS	COURSE AREA	CREDITS
ENGLISH	4.0	ENGLISH	4.0	ENGLISH	3.0
MATH	3.0 (must include Algebra 2)	MATH	4.0	MATH	2.0
SCIENCE	3.0	SCIENCE	3.0	SCIENCE	2.0
SOCIAL STUDIES	3.0	SOCIAL STUDIES	3.0	SOCIAL STUDIES	2.0
Physical Education	0.5	Physical Education	0.5	Physical Education	0.5
Health	0.5	Health	0.5	Health	0.5
Electives	9.0	Electives	8.0	Electives	13.0 (may include World of Work)
Foreign Language	---	Foreign Language	2.0 (both in the same language)	Foreign Language	---
Fine Arts	---	Fine Arts	1.0	Fine Arts	---
Total	23.0	Total	26.0	Total	23.0

FOR ALL GRADES:

PE: 4 credits of Physical Education maximum. Core requirements must have passing grades. Student transcripts are reviewed each trimester to ensure passing grades in core requirements. It is recommended that students complete Health by sophomore year.

FOR STUDENT ATHLETES or MARCHING BAND STUDENTS:

Students who participate in our athletic programs for 4 straight years will receive 0.5 credit of a Physical Education credit with verification from the Athletic Director.

ADDITIONAL CREDITS:

Advisory Class: M-CHS Students are required to be enrolled in the Career Pathways Program. Enrollment in this Program provides students with an additional 2.0 credits (0.5 credit per year = 2 credits/4yrs) Anyone who wishes to deviate from the stated board policy for graduation must make an application to the guidance office and have it accepted and approved by the Principal.

***HONORS DIPLOMA PROGRAM (see page 7)**

THE HONORS DIPLOMA PROGRAM REPRESENTS THE MOST RIGOROUS COURSE OF STUDY AT MONTEZUMA-CORTEZ HIGH SCHOOL. Available to all fulltime students, the program provides an individualized experience for participants so they can get the most out of their experience at M-CHS as well as prepare for future studies. **Please complete the honors diploma form given to you by your counselor upon enrollment for next year's schedule. This will allow you access to priority consideration into Colorado's selective colleges/universities.**

THE HONORS DIPLOMA CANDIDATES ARE REQUIRED TO COMPLETE ALL ASPECTS OF THE PROGRAM WHICH INCLUDES (5) five components:

- 1. An Educational Plan** – Graduation Requirements and an annual Individual Honors Education Plan (IHEP), and a 3.2 GPA.
- 2. Academic Excellence Requirement** (3 areas)
- 3. Specialized Learning Assignment** (completed Senior year)
- 4. ICAP** (Individualized Career and Academic Plan)
- 5. Individual Involvement:** (Choice of 2 or a combination of 3)
 - Participate in an M-CHS sponsored activity each year AND/OR
 - 80 Community Service hours over 4 years AND/OR
 - 80 Hours of work experience over a 4 year period

For more information on the Honors Diploma Program, contact the program Coordinator Sonja Copeland at 565-3722 ext. 2194 / scopeland@cortez.k12.co.us

VALEDICTORIAN:

The valedictorian will be selected from the students who complete all the components of the Honors Diploma Program. Valedictorian will be awarded to the Honors Diploma candidate who successfully maintained the highest grade point average (GPA) during his or her four years at Montezuma-Cortez High School. The GPA will be based on student's cumulative GPA. **The GPA will include the final 3rd trimester grades.**

If two or more students tie for the highest GPA, the highest SAT test score determines valedictorian. In the event of a tie with candidates who share the same GPA and SAT scores, then **the second tiebreaker shall compare scores from the ACT exam.** Although the SAT test may be taken more than once, the school will not pay for tests apart from the mandated junior year SAT test. All test scores must be submitted in an official SAT Exam Board report form to the M-CHS Registrar's Office by the last day of the second trimester of the senior year to be considered for valedictorian status. **Senior grades must be turned in the day prior to the senior checkout day.**

SALUTATORIAN:

The Salutatorian will be the student in the Honors Diploma Program who has completed all the components of the program and has the second highest GPA. If two or more students tie for the highest GPA, the second highest SAT test score determines salutatorian.

HISTORIAN:

The Historian will be the student/s in the Honors Diploma Program who have completed all the components of the program and qualified for the Salutatorian but were eliminated because of their SAT score or GPA. This Historian will only be awarded if the Honors Diploma Committee or administration feels it is necessary to recognize this/these students for their outstanding achievements at Montezuma-Cortez High School.

HONORS DIPLOMA STUDENTS:

Students who graduate within the confines of the honors diploma will be recognized individually for their hard work and accomplishments during the graduation ceremony.

NATIONAL HONOR SOCIETY:

The National Honor Society requires a student to be a sophomore, junior, or senior who has completed five or more trimesters, must have a 3.60 cumulative GPA, have a faculty nomination, have a faculty approval, and be involved in extra-curricular and/or community activities. To qualify for the National Honor Society, a student must carry at least three subjects a trimester. NHS members will wear a stole at graduation.

HONOR ROLL:

An Honor Roll is *published in The Journal at the end of each trimester for fulltime students. They are designated as:

SCHOLARS	4.0⁺	Grade Point Average (fulltime student)
HONOR ROLL	3.7 – 3.90	Grade Point Average (fulltime student)
HONORABLE MENTION	3.2 – 3.69	Grade Point Average (fulltime student)

***All students who are enrolled in Fast Track and/or Early Graduation will forfeit the right for the above-mentioned honors reserved for students attending M-CHS fulltime.**

THE HONORS DIPLOMA PROGRAM REPRESENTS THE MOST RIGOROUS COURSE OF STUDY AT MONTEZUMA-CORTEZ HIGH SCHOOL. Available to all fulltime students, the program provides an individualized experience for participants so they can get the most out of their experience at Montezuma-Cortez High School as well as prepare for future studies. ***Please complete an honors diploma form if you are planning to complete the Honors Diploma for priority consideration into Colorado's selective and highly selective colleges/universities. This document is available in the Counseling Office and requires a parent/guardian signature.**

THE HONORS DIPLOMA CANDIDATES ARE REQUIRED TO COMPLETE ALL ASPECTS OF THE PROGRAM WHICH INCLUDES (5) five components:

1. An Educational Plan – Graduation Requirements and an annual Individual Honors Education Plan (IHEP), and a 3.2 GPA.
2. Academic Excellence Requirement (3 areas)
3. Specialized Learning Assignment (completed Senior year)
4. ICAP (Individualized Career and Academic Plan)
5. Individual Involvement: (Choice of 2 or a combination of 3) Participate in an M-CHS sponsored activity each year **AND/OR**
 80 Community Service hours over 4 years **AND/OR**
 80 Hours of work experience over a 4 year period

1. M-CHS HONORS DIPLOMA PROGRAM GRADUATION REQUIREMENTS:	COURSE	CREDITS
	English	4.0 (Sen Eng must be on MCHS campus)
	Math	4.0
	Science	3.0
	Social Studies	3.0
	Physical Education	0.5
	Health	0.5
	Fine Arts (Music, Art, Drama)	1.0
	Foreign Language	2.0
	Electives	8.0
	TOTAL	26.0

2. ACADEMIC EXCELLENCE REQUIREMENT: Choose 3 areas from the list of 8.

In addition to fulfilling the course requirements above, Honors Diploma students must show academic excellence in 3 content areas.

1. **READING, WRITING, COMMUNICATION** - Complete 4 years with final 2 years being AP and/or PCC level.
2. **MATHEMATICS** - Complete 4 years with final year being AP Calculus.
3. **NATURAL / PHYSICAL SCIENCE** - Complete 4 years with one class being AP.
4. **SOCIAL / BEHAVIORAL SCIENCE** - Complete 4 years with one class being AP.
5. **ART / VISUAL ARTS** - Complete at least 3 years with the final year being AP or PCC level.
6. **WORLD LANGUAGE** - Complete at least 3 years.
7. **MUSIC** – Make a choice and complete the following requirements
 Band – complete 4 years of band
 Choir – complete 4 years of choir, 2 years must be in Chamber Choir
8. **CAREER and TECHNICAL EDUCATION (Programs must be completed with a B average)**
 Complete one of the following PCC/SCCC Programs – see PCC/SCCC Handbook for program requirements:
 Auto Mechanics Welding Phlebotomy/CNA
 OR Complete a minimum of 3 credits in one of the following M-CHS Career & Technical Education Programs:
 Agriculture Family & Consumer Sciences
 Healthcare Emergency & Fire Management Visual Design (Business and Media Publication)
 Services Tech Theatre – 3 years participation with final year being Advanced Tech Theatre

3. SPECIALIZED LEARNING COMPONENT:

The specialized learning component is the combination of a research paper written in senior English class and a presentation. During the course of honors diploma students' high school career, they will have chosen 3 areas of academic excellence. From one of these areas, students will choose a specific area of focus upon which to expand, keeping in mind that "the greater good" will need to be incorporated. They will need to complete the paper and presentation by mid-April of their senior year. The Specialized Learning Assignment is an extension of their senior level English class research paper with an addition of a presentation mid-April of their senior year.

4. ALL STUDENTS MUST COMPLETE AN INDIVIDUALIZED CAREER and ACADEMIC PLAN (ICAP) prior to graduation:

5. ALL STUDENTS MUST CHOOSE 2 OR A COMBINATION OF 3 OF THE FOLLOWING AREAS TO DEMONSTRATE 21st CENTURY SKILLS THROUGH PARTICIPATION IN EXTRA-CURRICULAR ACTIVITIES PRIOR TO GRADUATION: A worksheet will be provided to track & document activities.

- SCHOOL ACTIVITIES:** 4 years of school activities/athletics participation **AND/OR**
- VOLUNTEER ACTIVITIES:** 80 hours of volunteer work
- WORK EXPERIENCE:** 80 hours of work experience outside of home **AND/OR**

Governance of Honors Diploma Program:

The Honors Diploma Program Committee is composed of parents, teachers, and administrators from M-CHS as well as a representative from the district. The Honors Diploma Coordinator oversees and manages the daily workings of the program. Sometimes conflict of scheduled classes or extenuating life circumstances arise. These will be evaluated on a case by case basis. **For more information, contact our Program Coordinator Sonja Copeland at 565-3722 ext. 2194, scopeland@cortez.k12.co.us, or any member of the Honors Diploma Committee.**

Reinstatement into the Honors Diploma Program:

If an Honors Diploma candidate is removed from the program for any disciplinary or academic reason, he/she may submit a written request to be reinstated into the program. All requests for readmission will be submitted to the Honors Diploma Committee. The decision of the committee is final.

AGRICULTURE

Students will develop and initiate a supervised agricultural experience program of their choice in either production of or placement in livestock, crops, or agriculture related business. Students are expected to join the (Future Farmers of America) FFA organization and actively participate in the activities of the organization that can provide for individual and team recognition and awards. **FEES MAY BE EARNED BY FUNDRAISING THRU THE FFA.**

AGR101 AGRICULTURE I *Class limited to 20* | Credit: 1 Elective

Grade: 9 – 10

Prerequisite: Shop fee & Protective clothing

Fees: \$55.00 Class & FFA affiliation fee (can be earned thru FFA Fundraisers)

Open to all high school students with **freshman given preference**. Agriculture I will consist of 70% class work and 30% agricultural mechanics. Class studies will include the history and development of the FFA organization, basic parliamentary procedure, principles and theory of supervised agricultural experience programs, basic record keeping, an introduction to animal science, basic feeds and nutrition, and an introduction to crop production including soil science. Agricultural mechanics will include basic shop safety, basic arc and oxyacetylene welding skills, use of hand and power tools. Student will also build a carpentry project to develop wood working skills. Students will develop and initiate a supervised occupational experience program of their choice in either production of or placement in livestock, crops, or agriculture related business. Students are expected to join the FFA organization and actively participate in the activities of the organization that can provide for individual and team recognition and awards.

AGR201 AGRICULTURE II | Credit: 1 Elective

Grade: 10 – 12

Prerequisite: Shop fee, protective clothing. Completion of Agriculture I / Instructor Approval

Fees: \$55.00 Class & FFA affiliation fee (can be earned thru FFA Fundraisers)

Agriculture II will expand on the concepts developed in Agriculture I by increasing each student's competence in agricultural issues, animal sciences, agribusiness, plant and soil sciences, and agricultural mechanics. The course will be 60% class work and 40% agricultural mechanics or lab work. Each student will learn the basics of completing agricultural financial records, theory and practice of electrical circuits, architectural drafting, farm carpentry, public speaking, animal production systems, crop production, and career skills. Agricultural mechanics work will also include a personal project that will be designed and constructed by the student. Students must carry a supervised agricultural experience program (SAE) including a record book. Students are expected to join the FFA organization and participate in activities providing skills and advanced recognition to successful candidates.

AGR301 AGRICULTURE MECHANICS I | Credit: 1 Elective

offered 2020-21 (Alternating years w/ Ag Mechanics II)

Grade: 11 – 12

Prerequisite: Ag I & Ag II and Instructor Approval

Fees: Class & FFA affiliation fee \$75.00

Students learn advanced welding skills, MIG, TIG, welding Cast Iron, Aluminum, and cutting with a Plasma Arc Torch. Learn basic skill of refinishing and painting equipment. Students learn the operation of gas and diesel engines through disassembly and reassembly, maintenance of agricultural machinery. Develop an understanding of lubricants and maintenance schedules for equipment. Students will also build individual shop projects using the skill developed in the class. Students must maintain an SAE and be a member of FFA. Student organizations provide advanced recognition, awards and scholarship opportunities. This course is offered alternating years with Ag Mechanic II. This class is limited to 15 students.

AGR401 AGRICULTURE MECHANICS II | Credit: 1 Elective

offered 2019-20 (Alternating years with Ag Mechanic I)

Grade: 11 – 12

Prerequisite: Ag I & Ag II and Instructor Approval

Fees: \$75.00 Class & FFA affiliation fee

Students will learn basic construction including concrete, reading blue prints, electrical wiring, basic plumbing (PVC, Copper, and Pipe). Develop an understanding of hydraulics and the maintenance of hydraulic systems. Students will also build individual shop projects using the skill developed in class. Student must maintain an SAE and be a member of FFA. Student organizations provide advanced recognition, awards and scholarship opportunities. This class is limited to 15 students.

AGR501 ANIMAL & PLANT SCIENCE | Credit: 1 Elective

offered 2020-21 (Alternating years with Ag Management/Animal Science II)

Grade: 11 – 12

Prerequisite: Ag I & Ag II and Instructor Approval

Fees: Class & FFA affiliation fee \$35.00

Animal Science I will expand on the concepts developed in AG I and AG II by increasing each student's competence in agricultural issues, cell structure and function, anatomy and physiology of common livestock, animal reproduction and genetics. **Plant and Soil Science** will expand on concepts developed in AG I and AG II by increasing each student's competence in agricultural issues, plant cell structure, plant structure and function, plant growth including photosynthesis and respiration, plant reproduction and genetics, crop varieties and identification, and environmental factors affecting plant growth. Soil types and structures, erosion, and soil testing will also be covered. Additional topics may include: irrigation, horticulture, floriculture and floral design. This is a science lab class. Animal Science will be offered for college credit through Northeastern Junior College, contingent upon funding.

AGR505 AGRIBUSINESS MANAGEMENT & MARKETING / ANIMAL SCIENCE II | Credit: 1 Elective

offered 2019-20 (Alternating year with Animal & Plant Science)

Grade: 11 - 12

Prerequisite: Ag I & Ag II and Instructor Approval

Fees: Class & FFA affiliation fee \$25.00

Agribusiness Management and Marketing will expand on concepts developed in AG I and AG II by increasing each student's competence in financial statements and records (including extensive use of Microsoft Excel), entrepreneurial concepts, personal financial planning, Ag marketing including futures and forward contracts, and agricultural sales and issues. A business plan and presentation will be required. **Animal Science II** will expand on concepts developed in AG I and AG II by increasing each student's competence in agricultural issues, cell structure and function, anatomy and physiology of common livestock, animal health and digestion. Feeds and feeding including balancing rations will also be covered. Students must carry a supervised agricultural experience program. There is opportunity for students to receive college credit for Animal Science II.

ART / VISUAL ARTS

ART101 ART I / BASIC DESIGN | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

Fees: \$20 Art Supplies

This class is designed for beginning art students, as well as students who have had some art training. Drawing is the foundation of this course. The elements of design will be emphasized. Students will work in black and white as well as color. A variety of media will be explored. Beginning students are often surprised, after taking this class, how well they are able to draw. This is a great class that everyone can enjoy and experience a high level of success, regardless of ability.

ART501 SCULPTURE / JEWELRY | Credit: 1 Elective

Grades: 10 – 12

Prerequisite: Instructor Approval

Fees: \$30 Art Supplies/Art Card & Materials

Sculpture explores basic sculpture techniques using a variety of mediums (wire, clay, plaster, etc). Jewelry explores traditional and contemporary concepts using a variety of techniques. The elements and principles of design will be a vital part of all projects. Students will use a variety of materials and art appreciation resources to create sculpture and jewelry projects. Creative programs that are available will be used throughout the course; 3D Printing, Adobe Creative Suites 5 & 6.

THE FOLLOWING TWO COURSES WILL BE TAUGHT CONCURRENTLY. STUDENTS WILL HAVE THE OPTION OF EARNING PCC CREDIT IN ADDITION TO EARNING AN M-CHS ELECTIVE CREDIT TOWARD GRADUATION. STUDENTS WHO WANT PCC CREDIT MUST REGISTER FOR THE COURSE BEFORE THE START OF SCHOOL IN AUGUST. PLEASE READ THE COURSE DESCRIPTIONS AND PRE-REQUISITES FOR BOTH COURSES BEFORE REGISTERING.

ART201 ART II / PRINCIPLES OF DESIGN / GRAPHIC DESIGN | Credit: 1 Elective

Grades: 10 – 12

Prerequisite: Successful completion of Art I / Instructor Approval

Fees: \$20 Art Fee / Art Card & Materials

This course is designed for students wanting to continue and expand their knowledge of the **principles of design**. The students will continue to work with two and three dimensional concepts and processes. In addition, the class will become more conceptual in nature and students will learn strategies to improve their levels of creativity, problem solving techniques, and craftsmanship. The class prepares students for Art III through use of the following assessments; self-critiques, group critiques, and teacher made rubrics. **Graphic Design** is for students who want to explore graphic design elements and principles through technology. These skills will transfer to **computer skills** including typography (character designing), and software usage: Adobe Products; Photoshop, InDesign, and Illustrator. Creativity is an important part of graphic design and students must be willing to challenge themselves to think of new ideas on projects. Assessments include; peer/teacher critiques, quizzes, and exams.

PCC305 PCC DRAWING 1 | Credit: 3 (6 STA)

ART121, Investigates the various approaches and media that students need to develop drawing skills and visual perception.

THE FOLLOWING TWO COURSES WILL BE TAUGHT CONCURRENTLY. STUDENTS WILL HAVE THE OPTION OF EARNING PCC CREDIT IN ADDITION TO EARNING AN M-CHS ELECTIVE CREDIT TOWARD GRADUATION. STUDENTS WHO WANT PCC CREDIT MUST REGISTER FOR THE COURSE BEFORE THE START OF SCHOOL IN AUGUST. PLEASE READ THE COURSE DESCRIPTIONS AND PRE-REQUISITES FOR BOTH COURSES BEFORE REGISTERING.

ART510 PHOTOGRAPHY | Credit: 1 Elective

Grades: 11 – 12

Prerequisite: 11 & 12 Only (1 year of art class or Teacher Approval)

Fees: \$30 Art Fee / Art Card & Materials

This academic elective explores photography from a historical, technical and creative point of view. Students will photograph a variety of off-campus assignments; learn the principles and elements of design, color and digital photography, and study the effect of photography and photographers on history, culture and art. Assignments also include; commercial and marketing projects, create documentary and journalism projects and learn digital imaging with Adobe Photoshop, Adobe InDesign. SCCC Art 101- optional. 3 credit SAT.

PCC307 PCC DIGITAL PHOTOGRAPHY I | Credit: 3 (6 STA)

PCC 175, Introduces the basic concepts of digital imaging as applied to photography. Using applicable technology and hands on experience, modern developments are presented leading to the present applications of digital imaging which combine traditional photographic ideas with electronic media. Enables the student to learn how to operate image manipulation software using a variety of scanning equipment, software tools and output devices by executing new assignments and applying these technologies to their photographic process.

ART301 ART III / EXPLORATION IN ART | Credit: 1 Elective

Grades: 11 – 12

Prerequisite: Successful completion of Art I & Art II and Instructor Approval

Fees: \$20 Art Fee / Art Card & Materials

This course is an advanced program for the visual arts student. The elements and principles of design will be emphasized. Projects will increase in complexity both in terms of technical skills as well as concept. Students will use a wide variety of art supplies. Exploration of subject & media will be emphasized (2D & 3D)

ART305 *AP ART III STUDIO DRAWING PORTFOLIO | Credit: 1 Elective

****2-D DESIGN PORTFOLIO-DIGITAL PHOTOGRAPHY**

Grades: 11 – 12 Only

Prerequisite: STUDIO DRAWING PORTFOLIO-Completion of Art I, Art II, & Instructor Approval

2D DESIGN PORTFOLIO - Digital Photography-Completion of Art I, Art II, & Instructor Approval

Fees: \$20 Art Fee / Art Card & Materials

This class will prepare students to sit for the AP College Board Exam in Drawing or Design. This class will give serious art students a college level experience that will enhance their drawing and design skills. The elements and principles of design will be emphasized. Students who choose this course should expect to work on assignments outside of class time. Students will choose to complete either the Drawing or the Design Portfolio. The majority of students will need both Advanced Placement Art 3 and 4 to prepare their portfolio for the College Board Exam. **In this course students will focus on a wide variety of subjects, art materials and techniques** to complete the Breadth section of the three part portfolio. In exceptional cases, driven students could complete a Design Portfolio or Drawing Portfolio in Junior year and then complete the second portfolio Senior year.

ART405 *AP ART IV STUDIO DRAWING PORTFOLIO | Credit: 1 Elective

****2-D DESIGN PORTFOLIO-DIGITAL PHOTOGRAPHY**

Grades: 11 – 12 Only

Prerequisite: Completion of Art I, Art II, & Adv Placement Art III

Studio Drawing Portfolio or 2D Design Portfolio / Instructor Approval

Fees: \$20 Art Fee / Art Card & Materials

This class will give serious art students a college level experience that will enhance their drawing and design skills. The elements and principles of design will be emphasized. Students who choose this course should expect to work on assignments outside of class time. Students will choose to complete either the Studio Drawing Portfolio or the 2-D Design Portfolio. The majority of students will need both Adv. Placement Art 3 & 4 to prepare their portfolio for the College Board Exam. This class will prepare students to sit for the AP College Board Exam in Drawing or Design. In this course students will focus on a specific theme or area of concentration in order to complete the concentration section of the three part portfolio. In exceptional cases, driven students could complete both the 2-D Design Portfolio and the Studio Drawing Portfolio while in high school. Some additional technology fees may be necessary to complete the portfolio.

APART III & AP ART IV * The Advanced Placement Program in Studio Drawing: Each student develops and submits a portfolio that serves as a direct demonstration of achievement. The term "drawing" is used very broadly; all sorts of art that involves directly making marks on a surface can fit into this portfolio. This includes not only work in traditional drawing media -- such as pencils, ink, and pastels -- but also many kinds of painting, printmaking, and other forms of expression.

****The Advanced Placement Program in 2-D Design:** Each student develops and submits a portfolio that serves as a direct demonstration of achievement. The term "2-D Design" is used very broadly; a wide range of work can fit into this portfolio. The unifying idea for the portfolio is that the student focuses on making decisions about how to use the principles and elements of art to create works of art that convey meaning. In some cases, the "meaning" of the work may involve messages on a literal level (for example, graphic design, and product design). However, "meaning" is just as likely to take the form of abstract or purely visual coherence. What's critical is that sense of deliberate manipulation of the visual tools represented by the elements and principles. The work may be highly technological, or it may be created with the simplest means. Any two-dimensional medium may be used for this portfolio. This can be completely done through photography. However, if that is the intent, the student must provide his/her own digital camera from day one. **2D Design Portfolio – Digital Photography – AP Art 3 is not a pre-requisite to take AP ART 4.

COMPUTER SCIENCE

Each Computer Science class will have a \$5.00 fee per trimester.

CPS103 AP COMPUTER SCIENCE PRINCIPLES | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: A willingness to work hard

This course introduces students to the essential ideas of computer science and helps them to understand how technology can influence the world around them. Students will be exposed to a broad range of computing tools and skills while creatively addressing real-world issues and concerns. Students will conceive and implement digital projects, utilizing some of the same processes that writers, programmers, engineers, designers, and other creators use to bring their ideas to life. This course focuses on seven big ideas or "things to learn" (creativity, abstraction, data and information, algorithms, programming, the internet, and global impact) along with six computational thinking practices or "things to do" (connecting computing, creating computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating). Upon completion of this course, students will be prepared to take the AP Computer Science Principles exam.

CPS101 DATABASE FUNDAMENTALS | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

We are exposed to large amounts of data every day and most people do not even realize it. We expect computers and phones to perform many tasks, but in order for applications and systems to meet our expectations, they need a way to store and process the data we generate. This class will provide the skills to understand core database concepts, create database objects, manipulate data, and grasp data storage. Students will also learn to build a simple web or mobile application and connect a database to the app. This course prepares students for the Microsoft Database Fundamentals MTA Exam: 98-364.

CPS201 WEB DESIGN with HTML / CSS | Credit: 1 Elective

Grades: 10 – 12

Prerequisite: AP Computer Science Principles or Database Fundamentals AND Instructor Approval

Nearly every business and organization uses the internet to share information and connect with people. People with the ability to design and create an effective website are very valuable in any industry. Within this course, students will learn how to plan, design, and create websites using HTML and CSS coding. Students will explore how the internet works, how browsers display websites and how websites can be updated and maintained. Throughout the course, students will engage in projects that explore ways to make the web more interactive and creative, leading to the design and creation of a multi-page website.

CPS203 INTERMEDIATE PROGRAMMING & SOFTWARE DEVELOPMENT | Credit: 1 Elective

Grades: 10 – 12

Prerequisite: AP Computer Science Principles or Database Fundamentals AND Instructor Approval

What are some of the most sought after skills for the current job market? Software development and problem-solving skills! Students will apply strategies to solve computational problems, design algorithms, and work with data representation. Other topics that will be covered are; solving problems by using modeling and simulation, coding programs in block-based and text-based programming, and examining the software development process. This course prepares students for the Microsoft MTA Exam 98-380.

DRAMA & THEATRE

DRA101 ACTING T1 | Credit: 0.5 Elective / 1st Trimester

Grades: 9 – 12

Prerequisite: An interest in and willingness to perform

Students will be introduced to the various aspects of theatre study and the performing arts. Students will explore the history of drama, from the ancient Greeks, through Shakespeare, and into modern musical theatre and film. Techniques for auditioning, vocalization, improvisation, character development, and pantomime will be studied through the performance of short scenes and monologues. Students will learn to express themselves creatively and confidently.

DRA201 TECHNICAL THEATRE T2 | Credit: 0.5 Elective / 2nd Trimester

Grades: 9 – 12

Prerequisite: An interest in theatre tech & willing to work hard

This course is designed to introduce new theatre technicians to the art of design that goes on behind the scenes of a theatre production. Students will explore the elements, principles, and design and will learn about all the departments that make up a production's crew – set design, lighting, sound, prop construction, costume design, stage makeup, house crew, and stage managing. Students will also create sample work that is representative of what people in each crew would do for a show. This course is project-based and encourages creativity and collaboration as students explore the work that makes a production truly come to life.

DRA301 FILM MAKING | Credit: 1 Elective

Grades: 10 – 12

Prerequisite: Instructor Approval

Students will explore the art and science of making movies through analysis and hands-on implementation. The course will provide students with a basic understanding of storyboarding, image composition, camera movement, lighting techniques, sound recording, visual effects, film acting, editing techniques, and screenplay writing. Students will study the use of various techniques through the viewing of film clips and screenplay excerpts as well as hands-on experimentation. The film projects will be collaborative in nature and will involve the designing, planning, filming, and editing of movie shorts.

DRA103 ADVANCED THEATRE STUDIES | Credit: 1 Elective (Full Year)

Grades: 10 – 12

Prerequisite: Technical Theatre or Acting & Instructor Approval

This course is designed as a way for advanced theatre students to continue to study their craft in technical theatre and / or acting. As an advanced level class, students are expected to be self-starters with a passion for artistic design and performance. Students will choose their area of interest from within the performing arts and focus on developing greater knowledge and experience within their skill area. Students interested in tech will choose at least one design area on which to focus, with a final culminating in a design portfolio that can be used for career and college applications. Students interested in performance will further develop their acting skills through monologues, scenes, and directing. The course is project-based, with the focus changing from term to term. The topics are driven by the fall and spring productions.

FAMILY CONSUMER SCIENCE

FAC101 CATERING I | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

Fees: \$30

Want mad kitchen skills? This is where the magic happens. Students work in teams to discover the wonderful world of Safety and Sanitation; Fruits, Vegetables, & Legumes; Dairy; Meat; Starches and Grains; and Baking. You will spend half of your time learning information and skills that will make you a knowledgeable chef, and half of your time creating culinary masterpieces. By learning food science principles, you will be able to whip up good eats at home too! You will be shown how to work in a professional kitchen and will be expected to bring out the brilliant chef within by: tasting the foods you create, using safety and sanitation procedures, and trying out all of the kitchen duties. After this class, you'll be able to say, "If you can't stand the heat, get out of the kitchen!"

THE FOLLOWING TWO COURSES WILL BE TAUGHT CONCURRENTLY. STUDENTS WILL HAVE THE OPTION OF EARNING PCC CREDIT IN ADDITION TO EARNING AN M-CHS ELECTIVE CREDIT TOWARD GRADUATION. STUDENTS WHO WANT PCC CREDIT MUST REGISTER FOR THE COURSE BEFORE THE START OF SCHOOL IN AUGUST. PLEASE READ THE COURSE DESCRIPTIONS AND PREREQUISITES FOR BOTH COURSES BEFORE REGISTERING.

FAC201 CATERING II | Credit: 1 Elective

Grades: 11 – 12

Prerequisite: Catering 1 / CUA 101 & Instructor Approval

Fees: \$50.00 (\$25 towards ServSafe Certificate: \$25 for FCCLA affiliation)

Considering a career in the food service industry? Become a Panther Chef! This class is oriented for students who have a serious interest in the culinary arts. You will cater meals for your peers, the school district and the community which offers students a HANDS-ON experience with the business of food preparation, but also means you must commit to some after-school events. You will also be involved in community projects and field trips through FCCLA (Family, Career & Community Leaders of America.) You are also in charge of preparing our famous breakfast burritos.

PCC FOOD SAFETY & SANITATION | Credit: 2 (2L)

CUA 101 Introduces the basic rules of sanitation, food-borne illnesses, safe food handling techniques, the HACCP Program, pest control procedures and local/state health rules and regulations for food service operations. At the completion of the course students take a nationally recognized test from the Education Foundation of the National Restaurant Association. If passed with a 75% or more, students receive a certificate from the Education Foundation.

FAC203/204 CATERING III / IV | Credit: 1 Elective

Grades: 11 – 12

Prerequisite: Catering I, II, & ServSafe Certified

These students will be the “executive chefs” of our Panther Chefs catering program.

FAC501 EARLY CHILDHOOD DEVELOPMENT | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

This program is designed for students interested in entering a career working with children. This program trains students for many different occupations including, elementary aide, children’s health care worker, day care worker and other careers dealing with children.

FAC401 FASHION DESIGN | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

Fees: \$20

This CTE class addresses knowledge and skills related to design, production, and distribution in fashion and textile arenas. Topics include exploration of textiles and fashion industries; elements of science and design in textiles and apparel; textiles principles and applications; social, psychological, cultural and environmental aspects of clothing and textiles selection; clothing and textile products.

HEALTHCARE, EMERGENCY, & FIRE MANAGEMENT SERVICES

FRS201 INTRODUCTION TO HEALTH SERVICES & Community Emergency Response Team | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

Fees: \$5.00 for CPR card

Introductory course designed for students that want to enter a career in the health field and/or emergency services, fields that have unlimited potential for career growth. Students will learn the basic skills that are important in all health fields. Topics will include work traits for the health field. Fundamentals of safety, communication, cooperation, and organizational skills will be covered. Work ethics including attendance, character, teamwork, appearance and attitude will be stressed throughout the course. This course is designed for 9th and 10th graders and will lay the foundation for subsequent courses in the program.

THE FOLLOWING COURSES WILL BE TAUGHT CONCURRENTLY. STUDENTS WILL EARN PCC CREDIT IN ADDITION TO EARNING AN M-CHS ELECTIVE CREDIT TOWARD GRADUATION. STUDENTS WHO WANT PCC CREDIT MUST REGISTER FOR THE COURSE BEFORE THE START OF SCHOOL IN AUGUST. PLEASE READ THE COURSE DESCRIPTIONS AND PREREQUISITES FOR BOTH COURSES BEFORE REGISTERING.

FRS301 INTRO TO FIRE SCIENCE / PRINCIPLES / EMERGENCY SERVICES | Credit: 1 Elective & PCC

Grades: 10 – 12

Prerequisite: Intro to Health Services or Instructor Approval

Fees: Fee for CPR card

Provides an overview to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics.

PCC102 PCC EMERGENCY MEDICAL RESPONDER | Credit: 1 Elective & PCC

Grades: 11 – 12

Prerequisite: Intro to Health Services & Instructor Approval

Fees: Fee for HOSA & CPR card

This course provides the student with the core knowledge and skills to function in the capacity of the first responder arriving at the scene of an emergency, providing supportive care until advanced EMS help arrives. Students will learn duties, responsibilities and legal aspects of the first responder as well as skill development in patient assessment, first aid measures and CPR. Career options will be explored.

PCC100 PCC EMT / Emergency Medical Technician | Credit: 1 Elective & PCC

Grades: 12

Prerequisite: Emergency Med Responder & Instructor Approval + REA090 or Equivalent Assessment

Fees: \$26 Class Fee & PCC fees

Emergency Medical Services teaches knowledge of the emergency medical field including duties, responsibilities, and legal aspects as well as skill development in patient assessment, communication, first aid measures, and the use of emergency medical equipment. Careers in the emergency medical field will be explored. This course enables the student, after successful completion of this course to take the EMT certification written and practical examinations subject to the requirements of the Colorado Department of Health and Environment. Students must be present for 157 hours of instruction time and complete 24 clinical hours with the ambulance. Students must be 18 years of age to take State and National examinations.

PCC101 MEDICAL TERMINOLOGY (Online) | Credit: 1 Elective

Grades: 11 – 12

Prerequisite: Intro to Health Careers or Instructor Approval

Fees: Online & Book Fees

THIS ONLINE CLASS introduces the student to medical terminology through the study of word structures such as common medical prefixes & suffixes and the origins of terminology currently used in medical practice. Also includes basic anatomy and physiology, appropriate medical terminology, and procedures and diagnostic testing for each body system. Exercises in reading, writing and speaking new vocabularies are required. This course also includes an introduction to the medical record. Students read and analyze patient records. In turn, students are assigned writing exercise creating medical records using learned vocabulary.

PHYSICAL EDUCATION

9TH, 10TH, 11TH, & 12TH GRADE OPTIONS:

Year Long: Weight Training

Lifetime & Team Sports

Adolescent Issues

Athletic Strength & Conditioning (Zero Hour & First Hour)

FEES/REQUIREMENTS: All classes listed above must wear shorts or sweats, t-shirt, & athletic shoes. / NO FEES

PED301 WEIGHT TRAINING | Credit: .5 PE

Grades: 9 – 12

Prerequisite: None

This class will focus on learning proper weight lifting techniques, development of muscular strength and muscular endurance.

PED401 LIFETIME & TEAM SPORTS | Credit: .5 PE

Grades: 9 – 12

Prerequisite: None

Lifetime Sports is open to all students. This class will focus on Lifetime Sports such as: Pickleball, Badminton. This class includes the focus on Team Sports such as: Ultimate Frisbee, Flag Football, Softball, Soccer, Volleyball, Basketball, Lacrosse, and Floor Hockey. Student will also participate in a daily cardio, flexibility, and muscular endurance program. Class includes Health.

PED201 ADOLESCENT ISSUES | Credit: .5 Health

Grades: 9 – 12

Prerequisite: None

This class is required for graduation. It is available for freshmen, sophomore, juniors, and seniors. This course is designed to increase student knowledge and awareness of many of today's important health issues. The areas of learning include: Health Concepts/Terms; Fitness & Nutrition; Alcohol/Tobacco/Drugs; Abstinence / Reproduction and Heredity; Sexuality and Relationship/ Pregnancy and Childbirth; Sexual Transmitted Diseases and HIV/AIDS.

PED101 ATHLETIC STRENGTH & CONDITIONING | Credit: 1 PE / Zero & 1st Hour Class

Zero Hour & First Hour

Grades: 9 – 12

Prerequisite: Instructor Approval

The class will focus on strength, speed, overall aspects or sports specific training. This class will also focus on advanced weight lifting techniques, development of muscular strength and muscular endurance.

MUSIC

MUS101 ADVANCED BAND | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: Audition Only & Director Approval

Fees: \$60.00 Activity fee

Open to eligible instrumentalists by audition and instructor approval, this ensemble is designed to serve the needs of the more advanced instrumentalists. Students will study a broad body of musical literature, and participate in marching, concert, and chamber events throughout the year. Students enrolled in this course are expected to take the class for a full year. Attendance at all events is mandatory, and STUDENTS MUST MEET ALL BEHAVIORAL EXPECTATIONS AS OUTLINED IN THE HANDBOOK AND REMAIN ACADEMICALLY ELIGIBLE IN ORDER TO PERFORM WITH THIS ENSEMBLE.

MUS109 CONCERT INTERMEDIATE BAND | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: Prior instrumental experience is required

Fees: \$10 Activity Fee

This course is geared towards students who wish to continue their study of instrumental music without the extracurricular demands of Advanced Band. The purpose of this class is for students to develop an understanding of a broad range of musical concepts through the study and performance of a variety of literature in the context of different ensembles. Students will perform 2-3 concerts per semester.

MUS102 COLOR GUARD T1 | Credit: 0.5 Elective / 1st Trimester Only

Grades: 9 – 12

Prerequisite: Audition Only & Director Approval

Fees: \$60.00 Activity fee

Color Guard is a semester class that coincides with Marching Band. This class is a visual interpretative movement class. Students must audition and be accepted in the spring to perform as a color guard unit during fall marching band competitions. Much emphasis is placed on dance and musical interpretation. This group will have before school practices throughout the fall. Students must remain academically eligible in order to perform with this ensemble.

MUS203 INTRODUCTION TO PERCUSSION | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None / Size 2B drum sticks

Students only need to purchase a pair of drum sticks. Any Brand, Size 2B.

MUS105 JAZZ ENSEMBLE T2 & T3 | Credit: 0.75 Elective / 2nd & 3rd Trimester

Grades: 9 – 12

Prerequisite: Audition Only & Director Approval

Jazz Ensemble I (By Audition Only to any student in Symphonic Winds). A survey, through performance, of literature written for this medium.

Emphasis on Jazz improvising, rhythms, and styles that provide a well rounded jazz player. The students are expected to take responsible roles in the ensemble such as soloist, section leaders, or a mastery level in their prepared ensemble pieces. STUDENTS MUST REMAIN ACADEMICALLY ELIGIBLE IN ORDER TO PERFORM.

MUS201 INTRODUCTION TO GUITAR | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

Fees: \$10, students must provide their own guitar

Open to all students with an interest in learning basic guitar skills. Class is designed for beginning guitar players to learn to fluently read music and understand basic technique. Students will study basic music notation, a variety of styles and genres, composition, and performance. Please note that students are responsible for providing their own guitars.

MUS301 CHAMBER CHOIR MU202 | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: Audition Only & Director Approval

Fees: Required to purchase: dress \$70-75 / tuxedo \$120

This class is designed to challenge the more serious vocal student. It is by audition only. Every student must audition or re-audition each year. The musical selections performed by this group consist of traditional, classical, jazz and contemporary choral works. Students in this ensemble will participate in a variety of performances, competitions and honor choirs. To maintain a high level of quality there will be extra rehearsals scheduled outside of school time. This class is also required to participate in different fundraisers in order to fund travel.

MUS305 CONCERT CHOIR MU204 | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

This class is for anyone who would like to learn how to sing and wishing to learn how to sing on an individual level. This class will focus on the fundamentals of singing such as sight-reading, tone quality, matching pitch, correct posture, and good vocal techniques. The musical selections performed by this group consists of traditional, some classical and some pop music. This is a great college-preparatory vocal class for any student wishing to further their vocal skills in college. Participation in this class will prepare any student wishing to audition for the Chamber Choir.

MUS404 PIANO CLASS | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None / **Maximum of 15 students**

Open to all students with an interest in learning basic piano skills. Class is designed for beginning piano players to fluently read simple piano music and understand elementary technique. The students will extend their knowledge, playing with appropriate technique, music written in multiple parts, blend, and matching dynamic levels. Students will read and notate music, create music, listen to, analyze, evaluate, and describe music. Students will also relate music to various historical and cultural traditions. This class is open to all students. Students, who excel through method 1, will continue through method 2, and 3.

MUS500 MUSIC THEORY | Credit: 1 Elective

Grades: 9 – 12 **Offered odd years 2019, 2021**

Prerequisite: Audition Only / Director Approval

Highly recommended for students considering majoring in music, both vocal and instrumental. Only offered of odd years 2019, 2021, 2023. Class is designed for the student who is intensely interested in the workings of music. Material covered will include harmony, music history and ear training. Included will be master classes by college faculty from area colleges and universities, focusing on performing on the various instruments. Also included will be a focus on preparing music for solo and ensemble literature, as well as emphasis on college and honor band audition material. Students must be enrolled in a band or choir class, or have a piano background to participate in this class. This class is designed to serve the needs of students transitioning from one instrument to another (switch from sax to bassoon). Instructor approval is mandatory to enter this class.

WORLD LANGUAGES

FRL201 FRENCH BEGINNING I | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: None

This beginning level course will focus on basic communication skills of listening, speaking, writing, and reading French incorporating 21 Century learning concepts. Students will be introduced to the French-speaking countries around the world, cinema in France, art, cuisine, and other cultural aspects.

FRL203 FRENCH BEGINNING II | Credit: 1 Elective

Grades: 10 – 12

Prerequisite: Beginning French I with a “C” or better / Instructor Approval

This course offers a continuation of the basic communication skills in French I. Students will continue to build their communication skills in all 4 areas as well as delve deeper into the culture.

FRL205 FRENCH INTERMEDIATE I | Credit: 1 Elective

Grades: 10 – 12

Prerequisite: Beginning French I & Beginning French II with a “C” or better / Instructor Approval

This course continues to build on the 4 basic communication skills, while encouraging students to work towards fluency in the language and mastery of grammar. Students will be reading excerpts from French literature and discussing literary topics in French. Culture continues to be a part of the coursework. **(This Class is available for college credit from PCC / must get Instructor Approval)**

PCC308 PCC FRENCH LANGUAGE I / FRE 111 | Credit: 5 (5L)

PRQ: Accuplacer score of SS 70+, or successful completion of any CCR course with a grade of S/C or better. Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.

FRL206 FRENCH INTERMEDIATE II / FRE111 | Credit: 1 Elective**Grades:** 11 – 12**Prerequisite:** Completion of Intermediate French I with a “C” or better / Instructor Approval

This course is a continuation of Intermediate I. Students will be introduced to French Literature by reading excerpts from famous French authors. Conversation is conducted mostly in French. Students will write a literary analysis paper at the end of the year. (This class is available for college credit from PCC/Student must get Instructor Approval)

PCC309 PCC FRENCH LANGUAGE II / FRE112 | Credit: 1 Elective + PCC Credits

PRQ: Successful completion of FRE 111, or permission of the Department Chair. Expands students’ interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies.

FRL101 SPANISH BEGINNING I | Credit: 1 Elective**Grades:** 9 – 12**Prerequisite:** None

Beginning Spanish 1 introduces the students to basics of the Spanish Language. Students will learn vocabulary, grammar and culture through listening, reading, writing and speaking activities incorporating 21 Century learning concepts.

FRL103 SPANISH BEGINNING II | Credit: 1 Elective**Grades:** 10 – 12**Prerequisite:** Beginning Spanish II with a “C” or better / Instructor Approval

Beginning Spanish 2 is a continuation of Beginning Spanish 1. This course will continue with vocabulary, grammar, and cultural activities that will expand the basic Spanish knowledge gained in Spanish 1. The focus of this class is to reinforce the present tense conjugations and to introduce and practice the preterit conjugations in past tense.

FRL108 SPANISH INTERMEDIATE I | Credit: 1 Elective**Grades:** 10 – 12**Prerequisite:** Beginning Spanish II with a “C” or better / Instructor Approval

This course begins with a thorough review of beginning Spanish through activities in reading, listening, writing and speaking. Mastery of present, preterit, imperfect, future and conditional conjugations is practiced along with vocabulary building exercises.

NAV201 NAVAJO LANGUAGE I – online | Credit: 1 Elective**Grades:** 10 – 12**Prerequisite:** None

Navajo Language I is designed to develop skills and the understanding of the language through the use of Navajo alphabet, its sound, and its structure. The student will also learn to read write Navajo and as well as learn to introduce themselves in Navajo using their 4 basic clans.

NAV101 NAVAJO GOVERNMENT – online | Credit: 0.5 Elective**Grades:** 10 – 12**Prerequisite:** Completion of Navajo Language I

The students will be introduced to Navajo Cultural Foundation: the values and norms that each Navajo grows up with, from a traditional sense and what identifies him or her as a Navajo person. Since the general American government course usually begins with the founding fathers, so will this course. This course will begin with the chronological approach and will study Navajo government starting with the early traditional system of leadership, the headman system, the Dine’ Naachid (way of life), the war chiefs and peace chiefs, and their system of governance.

OTHER ELECTIVE OPPORTUNITIES

SAT101 SAT PREP (online class) | Credit: 0.5**Grade:** 11

The SAT is a difficult test but reaching your maximum score shouldn’t be. This class will prepare you for the SAT courses and contain everything you need to quickly improve your skills and confidence on the SAT test. Each course features engaging, expert and personalized instruction.

TAD103 STUDENT MENTOR (Kidz-to-Kidz) | Credit: 0.5**Grade:** 9 – 12**Prerequisite:** You will have Bridge trainings thru-out the year

Participating in the Bridge Program will provide you with the opportunity to learn about disabilities, diversity, and acceptance. This elective will be of special interest to students who may wish to pursue careers in education or the health care professions. You will support students with disabilities in their class and assist them to succeed by helping them complete class assignments and participate in class. You will receive assistance from the Exceptional Student Education staff. It is crucial for students participating in this program to have consistent attendance as well as have the ability to ask questions and give staff feedback to ensure a successful experience for you and the student(s) you will support. We will provide you with necessary materials and information for the specific student(s) and class(es) at that time. You will participate in Bridge trainings throughout the year depending on need.

HIS501 PSYCHOLOGY | Credit: 1 Elective

Grades: 11 – 12

Prerequisite: None

This course is an introduction to the scientific study of behavior and mental processes. This class includes historical foundations, research methods, biological basis for behavior, learning, memory, motivation, personality, psychological disorders, and therapy.

INT101 INTERNSHIP | Credit: 0.5 or 1 Elective (Pass/Fail Class)

Grade: 12 ONLY

Prerequisite: 12th w/ a GPA of 3.0 or above / graduation requirements met

See your Counselor for information. Student maturity level, good grades, good attendance, and no discipline record are also reviewed for internship. Internships are open to any senior student to explore their career plans. Students will go through an interview process with the employer. Internships vary from semester to a full year. Students must make plans during their junior year so that a placement station can be arranged. Transportation for the internship is the student's responsibility. **Senior must have CTE Director and Counselor approval.**

WRK102 SENIOR WORK STUDY | Credit: 0.5 or 1 Elective

Grade: 12 ONLY

Prerequisite: Must have Counselor Approval & Graduation Requirements on track to graduate.

Student maturity level, good grades, good attendance, and no discipline record will be reviewed for senior work study. This program is designed to help young people that need to work during the school year and still receive credit. Student must make arrangements for their own employment and will be required to turn in their contract and log sheet of hours. Students are required to turn in pay stubs, or other proof of hours worked. **1 Elective Credit = 135 hours of work, 0.5 Elective Credit = 67.5 hours of work**

TAD102 STUDENT AIDE | Credit: .5 Elective (A,B,C,D,F grade issued)

Grade: 12 ONLY

Student may receive only 1 elective credit total for TA. Student Aide Procedures and Criteria that will be reviewed: Student's maturity level, good grades, attendance, and no discipline record. This is an aide position that will be assigned by the counseling office. When assigned, the student will do any work assigned to them by the instructor(s). some requirements and training will be using the copy machines, faxing, typing, telephone courtesy, and meeting the public. Confidentiality, attendance & being on time, dress and appearance, responsibility and proper language are a must. Attendance and reliability are crucial as the student will sign a contract. If assigned to an Elementary school or to CMS, student must have their own transportation.

AVD101 AVID COLLEGE PREP 9th, 10th, 11th, & 12th | Credit: 1 Elective

Grades: 9 – 12

The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICR) through the AVID High School curriculum in both teacher and tutor-led activities. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for SAT.

BLT101 BUILDING TRADES | Credit: 1 Elective

Grades: 11 – 12

Building Trades prepares the student with occupational skills in the areas of carpentry, plumbing and electrical. The student will receive instruction from a vocationally credentialed instructor. This course will provide the student with employable skills.

BUS203 PODCASTING | Credit: 0.5 Elective

Grades: 9 – 12

Prerequisite: None

Open to all students with an interest in podcasting. During this one-trimester course, students will learn about common forms of podcasts, and gain experience podcasting their own. Please note that this class is project-based, and only recommended for students who work well independently.

ENG500 YEARBOOK | Credit: 1 Elective

Grades: 9 - 12

Prerequisite: Application Required

Students will be taught the skills necessary to produce the Montezuma-Cortez High School Annual Yearbook. The year begins by planning the coverage for the school year and designing a theme and a cover for the book. Students will study desktop publishing skills including layout and design techniques, writing and editing copy, headlines and picture captions, as well as basic photography skills. Students will also learn strategies of planning, marketing and distribution of the yearbook. At times, deadlines require that students work after school, on weekends, and holidays. Students will learn good work habits and ethics. The yearbook staff and adviser are responsible for all phases of yearbook publication.

ONL101 ONLINE EDUCATION | Credit: 0.5 Elective

Grades: 9 – 12

Prerequisite: Guidance / Administration Approval ONLY

This course is designed to supplement / be an alternative to the student's learning in the classroom. Online Education is available to students who need credit recovery, an additional elective course, elective courses not offered, English language Learner support, Exceptional Student Support, students with special medical plans who cannot attend school. This course is approved ONLY by the Guidance Office / Administration.

ENGLISH

English Sequences

Montezuma-Cortez High School requires four (4) credits of English to graduate.

	Freshman Year	Sophomore Year	Junior Year	Senior Year
ACADEMIC LEVEL	English 1	English 2	English 3	English 4
HONORS LEVEL	Advanced English 1	Advanced English 2	AP English 3 Advanced Placement Language & Composition PCC English 121/122 English Composition I & II	AP English 4 Advanced Placement Literature & Composition PCC English LIT 115 Introduction to Literature I
ELECTIVES	English Foundations Yearbook Journalism Acting 1 S1 Technical Theatre S2	English Foundations Yearbook Journalism Acting 1 S1 Technical Theatre S2 Film Making Adv. Theatre Studies	English Foundations Yearbook Journalism Acting 1 S1 Technical Theatre S2 Film Making Adv. Theatre Studies	English Foundations Yearbook Journalism Acting 1 S1 Technical Theatre S2 Film Making Adv. Theatre Studies

*Each English class requires successful completion of a Portfolio that demonstrates a student's proficiency of reading and writing skills.

ENG901 ENGLISH FOUNDATIONS | Credit: 0.5 Elective or 0.5 English Recovery

Grade: 9 – 12

Students will be placed based on test scores, previous academic achievement, and principal/teacher recommendation. This grade level literacy program targets developmental reading and writing instruction and is designed specifically for students who are below their current grade level and who may have failed a previous English class. Areas of focus are those critical to reading and writing improvement necessary for success in English classes leading to graduation. Students may recover ½ English credit per trimester.

ENG101 ENGLISH 1 | Credit: 1 English

Grade: 9

Prerequisite: None

This is a required Freshman English course (students with accelerated skills should choose Advanced English 1). Grammar instruction will include parts of speech, phrases and clauses, subject-verb and pronoun-antecedent agreement, and sentence types. Writing instruction will move from well-formed paragraphs to essays and include a variety of genres to analyze, persuade, inform, evaluate, and entertain. Student will also develop reading comprehension, literary analysis, and vocabulary skills.

ENG105 ADVANCED ENGLISH 1 | Credit: 1 English

Grade: 9

Prerequisite: PROFICIENT or ADVANCED on Reading and Writing Assessments

This class is recommended for those students planning to attend college or for students wanting to accelerate their knowledge of the English language—both in reading and writing. Students will review the grammatical foundations of the language and apply that proficiency to their writing and their reading. Careful analysis of difficult reading is a part of the daily regimen. Significant independent reading and writing in a variety of genres is required.

ENG201 ENGLISH 2 | Credit: 1 English

Grade: 10

Prerequisite: Successful Completion of ENG101 or ENG105

This is a required class to meet M-CHS graduation requirements (students with accelerated skills should choose Advanced English 2). Students will continue to improve their reading and writing skills. Written proficiency in the four basic genres of written expression is required. In the second half of the course students will be exposed to a survey of four literary genres: short story, drama, poetry, and the novel. Emphasis will be placed on learning the fundamentals of literary terminology and applying these terms to the way specific literary forms are created. Composition skills will focus on analytical writing about literature.

ENG205 **ADVANCED ENGLISH 2** | Credit: 1 English

Grade: 10

Prerequisite: Completion of EN105 or instructor approval

This advanced class can be used to meet the required sophomore level English requirement for graduation. It is designed for students who took the Advanced Freshman English class and who want to accelerate and challenge themselves in preparation for Advanced Placement and college level classes. Students will be exposed to a survey of literary genres. Composition will focus on sophisticating students' abilities to write analytically about literature.

ENG301 **ENGLISH 3** | Credit: 1 English

Grade: 11

Prerequisite: Successful Completion of English 2

This course focuses on all aspects of American literature, including the Native American, Puritan, Romantic, Transcendental, Realist, and Modern Periods. The genres include histories, letters, essays, poetry, short stories, drama, and the novel. Vocabulary development, grammar study, literary term application, test-taking skills, and research methods are practiced. Students will utilize a variety of composition skills including, summarizing, essay writing, close reading annotation, and analysis. A research paper is required.

THE FOLLOWING TWO COURSES – AP ENGLISH 3 AND PCC ENGLISH 121/PCC ENGLISH 122 - WILL BE TAUGHT CONCURRENTLY. STUDENTS WILL HAVE THE OPTION OF EARNING PCC CREDIT AND/OR AP CREDIT, IN ADDITION TO EARNING REQUIRED M-CHS CREDIT TOWARD GRADUATION. STUDENTS WHO WANT PCC CREDIT MUST REGISTER FOR THE COURSE BEFORE THE START OF SCHOOL IN AUGUST. PLEASE READ THE COURSE DESCRIPTIONS AND PRE-REQUISITES FOR BOTH COURSES BEFORE REGISTERING.

ENG305 ***AP ENGLISH 3: Advanced Placement English Language & Comp** | Credit: 1 English

Grade: 11

Prerequisite: Successful Completion of Advanced English 2 or Instructor approval

Students enrolled in this course will receive instruction that prepares them to sit for the Advanced Placement College Board Exam in English Language and Composition. The curriculum includes in-depth analysis and practice of the rhetorical strategies and tools used in effective writing and literature. Students will read, analyze, and respond in writing to novels, short fiction, and a variety of non-fiction. The course may be taken as partial requirement for the M-CHS Honors diploma.

PCC302 **PCC ENGLISH 121 / PCC ENGLISH 122** | Credit: 3PCC (3L)

ENG 121 **ENGLISH COMPOSITION I: GT-CO1** 3 CR. (3L)

PRQ: Accuplacer score of SS 95+, or successful completion of CCR 092 or CCR 093 with a grade of S/C or better. Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. This course is one of the Statewide Guaranteed Transfer Courses, GT-CO1.

ENG 122 **ENGLISH COMPOSITION II: GT-CO2** 3 CR. (3L)

PRQ: Successful completion of ENG 121 with a grade of C or better. Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. This course is one of the Statewide Guaranteed Transfer Courses, GT-CO2.

ENG401 **ENGLISH 4** | Credit: 1 English

Grade: 12

Prerequisite: Successful Completion of 9th, 10th, & 11th grade level English Courses

This course explores our literary heritage. Students will read, interpret, and analyze a variety of texts across the literary genres. There is a continuing emphasis on composition skills – analytical, persuasive, and creative – during the entire semester. Satisfactory completion of a research project is required.

THE FOLLOWING TWO COURSES – AP ENGLISH 4 AND PCC ENGLISH 115 - WILL BE TAUGHT CONCURRENTLY. STUDENTS WILL HAVE THE OPTION OF EARNING PCC CREDIT AND/OR AP CREDIT, IN ADDITION TO EARNING REQUIRED M-CHS CREDIT TOWARD GRADUATION. STUDENTS WHO WANT PCC CREDIT MUST REGISTER FOR THE COURSE BEFORE THE START OF SCHOOL IN AUGUST. PLEASE READ THE COURSE DESCRIPTIONS AND PRE-REQUISITES FOR BOTH COURSES BEFORE REGISTERING.

ENG405 ***AP ENGLISH 4: Advanced Placement English Literature & Comp** | Credit: 1 English

Grade: 12

Prerequisite: Successful Completion of AP English 3 or Instructor approval

Students enrolled in this course will receive instruction to prepare them for the AP College Board examination in Literature and Composition. Curriculum includes the study of drama, novels, and poetry to help students refine their ability to think and write analytically about literature. Students will also be exposed to multiple-choice practice over literary passages. The course may be taken as partial requirement for the M-CHS Honors diploma.

PCC310 **AP/PCC INTRODUCTION TO LITERATURE I** | Credit: 3 PCC (3L)

PRQ: Accuplacer score of SS 95+, or successful completion of any CCR course with a grade of S/C or better.

LIT115, Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading. This course is one of the Statewide Guaranteed Transfer Courses, GT-AH2. 3 CR. (3L)

***ADVANCED PLACEMENT** courses culminate in an exam, which is administered in May. These examinations require that students pay a testing fee. All students enrolled in these courses, are expected to sit for these summative exams. The individual teachers, based on financial issues or poor performance in the course, may offer exemptions from this policy, but students who DO NOT SIT FOR THE EXAM will not receive an AP course designation on their high school transcript.

MATHEMATICS

Math Sequences

Montezuma-Cortez High School requires three (3) credits of Mathematics to graduate.

MATH PATHWAYS: All entering freshmen will be placed in their math courses by the M-CHS math department or freshmen counselor. Placement is based on math MAPs data, and state standardized test scores. Students planning to attend college or students wanting to graduate with an Honors Diploma will need 4 math credits beginning with Algebra I. Each course listed in the pathways is the minimum graduation requirement. The math department recommends taking additional courses depending on your career pathway.

MATH REQUIRED CLASSES: Algebra 1 → Geometry or Advanced Geometry → Algebra 2 or Advanced Algebra 2

ADDITIONAL MATH CLASSES: Algebra A & B, Statistics / PCC Statistics, Pre-Calculus/Trigonometry, AP Calculus, PCC Financial Mathematics, PCC Career Mathematics

	Freshman Year	Sophomore Year	Junior Year	Senior Year
PATHWAY 1:	Is for entering freshmen who are below grade level. They will be placed into Algebra A.			
Pathway 1	Essentials of Algebra A, B, & C	Essentials of Algebra D and Geometry	Algebra 2	PCC Career Math PCC Personal/Business Math
PATHWAY 2:	(Academic Level): is the minimum course work for entering freshmen who are on grade level.			
ACADEMIC LEVEL	Algebra 1	Geometry	Algebra 2 PCC Career Math	
PATHWAY 3 (Honors Level):	is for freshmen students who would like to get to Calculus their 12 th grade year. They are required to take two math courses their sophomore year (Algebra 2 and Geometry) to get to Calculus. Must meet with Math Department, Counselor, parent, and sign a contract for approval before class begins (during registration process). Incoming Freshmen who took Algebra 1 at CMS and passed the course and all quarter exams and unit tests, receive a high school credit for Algebra 1 and will take Geometry as a Freshman and will need to take only 1 math course their Sophomore year.			
HONORS LEVEL	Algebra 1 Advanced Geometry	Advanced Geometry Advanced Algebra 2	Pre-Calculus/Trigonometry	AP Calculus
PATHWAY 4:	is for entering freshmen who were in, and did not pass the final assessment for the 8 th grade Algebra I course at CMS and choose not to repeat Algebra I at M-CHS. They must take 3 credits of math at M-CHS to graduate.			
PATHWAY 4	Geometry	Algebra 2	Pre-Calculus / Trigonometry Statistics PCC Personal/Business Math	
*Statistics can be taken any time after completion of Algebra 2. At this time, Statistics is not an AP course.				

MAT103 ESSENTIALS OF ALGEBRA A/B | Credit: 1 Elective

Grade: 9
Prerequisite: Incoming 9th Graders below grade level
Fees: \$0

This course meets the Colorado Academic Standards for 7th-9th grade. It is designed to help those students who are testing below 9th grade level acquire the skills they need to be successful in future high school math courses. The 1st semester of this course includes, but is not limited to: operations on integers, fractions, mixed numbers and decimals, ratio, proportion and percentages, working with variable expressions, interpretation of statistical graphs, measurement and geometry, and an introduction to polynomials and graphing. The 2nd semester of this course begins the introduction to the language and applications of algebra. Students will continue to develop their understanding of real numbers and their properties to introduce Algebra I concepts. Basic data analysis and probability will also be addressed. The topics of Algebra I will begin to be addressed in this course at a slower pace with the remaining Algebra I requirement to be addressed in the sister course, Algebra B. The applications of Algebra will include, but not be limited to: variables, mathematical expressions, and linear functions. Students will continue to work with 2 and 3 dimensional shapes to find perimeter, area, surface area and volume.

MAT105 ESSENTIALS OF ALGEBRA C/D | Credit: 1 Math

Grade: 9
Prerequisite: Successful completion of Algebra A
Fees: \$5

This course meets the Colorado Academic Standards for 7th-9th grade. It is designed to help those students who are testing below 9th grade level acquire the skills they need to be successful in future high school math courses. This course includes, but is not limited to: operations on integers, fractions, mixed numbers and decimals, ratio, proportion and percentages, working with variable expressions, interpretation of statistical graphs, measurement and geometry, and an introduction to polynomials and graphing. Basic data analysis and probability will also be addressed. This course continues the introduction to the language and applications of algebra begun in the sister course, Algebra A. The applications of Algebra will include, but not be limited to: variables, mathematical expressions, linear functions, problem solving, inequalities, polynomials, graphs, relations and functions, rational and radical expressions. Students will continue to work with 2 and 3 dimensional shapes to find perimeter, area, surface area and volume. The successful completion of Algebra A and Algebra B will complete the student's graduation requirement of Algebra I.

MAT101 ALGEBRA 1 | Credit: 1 Math

Grade: 9 – 10
Prerequisite: 9th graders at grade level
Fees: \$5

This course meets the Colorado Academic Standards for 9th grade. It is an introduction to the language and applications of algebra. In Algebra I, students will continue to develop their understanding of real numbers and their properties. The applications of Algebra will include, but not be limited to: variables, mathematical expressions, linear functions, problem solving, inequalities, polynomials, graphs, relations and functions, rational and radical expressions. Students will continue to work with 2 and 3 dimensional shapes to find perimeter, area, surface area and volume. Basic data analysis and probability will also be addressed.

MAT301 GEOMETRY | Credit: 1 Math

Grade: 9 – 10
Prerequisite: Algebra 1
Fees: \$5

This course meets the Colorado Academic Standards for 10th grade. Students will develop inductive and deductive reasoning as they study topics such as congruence and similarity, and apply properties of lines, polygons, and circles. Students will also develop problem-solving skills by using length, perimeter, area, circumference, and volume to solve real world problems. In addition to geometry content, students will continue to develop their understanding of algebra, data analysis, probability and basic trigonometry functions.

MAT305 ADVANCED GEOMETRY | Credit: 1 Math

Grade: 9 – 10
Prerequisite: Algebra 1
Fees: \$5

This course will be taken as an alternative to Geometry (not in addition to) and will count as a Geometry credit. This course meets the Colorado State Standards for 10th grade and includes all the topics of Geometry. There is open enrollment for any advanced math courses. This course varies from the regular Geometry course in pacing and depth of knowledge. More time will be given to topics that will better prepare students for Statistics, Pre-Calculus, Trigonometry and Calculus and is recommended for students planning to take those courses.

MAT201 ALGEBRA 2 | Credit: 1 Math

Grade: 10 – 11
Prerequisite: Geometry or Advanced Geometry
Fees: \$5

This course meets the Colorado Academic Standards for 11th grade. It is organized around families of functions, including linear, quadratic, exponential, logarithmic, radical, and rational functions. Students will learn to represent functions in multiple ways: as verbal descriptions, equations, tables and graphs. Students will also learn to model real world situations using functions in order to solve problems arising from those situations. In addition, it will continue to develop student's understanding of probability and data analysis, geometry and trigonometry. Additional topics for Personal Financial Literacy such as the value of credit and the effect of interest rates on finances will be covered.

MAT107 ADVANCED ALGEBRA 2 | Credit: 1 Math

Grade: 10 – 11
Prerequisite: Geometry or Advanced Geometry
Fees: \$5

This course will be taken as alternative to Algebra II (not in addition to) and will count as an Algebra II credit. This course meets the Colorado State Standards for 11th grade and includes all the topics of Algebra 2. There is open enrollment for any advanced math courses. This course varies from the regular Algebra 2 course in pacing and depth of knowledge. More time will be given to topics that will better prepare students for Pre-Calculus, Trigonometry and Calculus and is recommended for students planning to take those courses. Additional topics for Personal Financial Literacy such as the value of credit and the effect of interest rates on finances will be covered.

MAT501 STATISTICS | Credit: 1 Math

Grades: 11 – 12
Prerequisite: Algebra 2 or Advanced Algebra 2
Fees: \$5

This course meets the Colorado Academic Standards for Statistics. It introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data which include data exploration, sampling and experimentation, anticipating patterns and statistical inference. Students will describe patterns, explore random phenomena using probability and simulation, estimate population parameters, and test hypotheses. Students will use technology, investigations, problem solving, and writing as they build conceptual understanding statistical properties.

STUDENTS TAKING THIS COURSE HAVE THE OPPORTUNITY TO RECEIVE COLLEGE CREDIT AT THE SAME TIME. THE PREREQUISITES FOR RECEIVING COLLEGE CREDIT WILL BE TEACHER RECOMMENDATION, COUNSELOR APPROVAL, GOOD ATTENDANCE, AND STUDENT SIGN A CONTRACT. STUDENTS WHO RECEIVE COLLEGE CREDIT WILL RECEIVE THE 3 PCC CREDIT FOR THIS COURSE.

PCC311 PCC INTRODUCTION TO STATISTICS MAT135 | Credit: 3 PCC

Prerequisites: ACCUPLACER score of EA 85+ (elementary algebra), ACT math 21+, SAT math 470+, a B or better in a junior level course (Pre-Cal or Algebra 2) or successful completion of MAT 050 with a grade of S/C or better.

This class includes data presentation and summarization, introduction to probability concepts and distributions, statistical inference – estimation, hypothesis testing, comparison of populations, correlation and regression. This course is one of the Statewide Guaranteed Transfer Courses.

MAT502 **PRE-CALCULUS / TRIGONOMETRY | Credit: 1 Math**

Grade: 11 – 12
Prerequisite: Algebra 2 or Advanced Algebra 2
Fees: \$5

This course is designed to prepare students to take the CLEP College Algebra and CLEP Pre-Calculus Exams offered by the College Board. **College credits can be earned for this course by earning a qualifying score on the CLEP College Algebra and CLEP Pre-Calculus Exams.** Pre-Calculus is a course to further a student's understanding of functions and give them the background needed to be successful in Calculus and higher level mathematics. In the first semester, students will learn to solve, graph, find the domain and range, and use linear, quadratic, polynomial, radical, logarithmic, piecewise and absolute value equations and inequalities. Students will represent all function in multiple ways: as verbal descriptions, equations, table, matrices and graphs. Students will find inverses and transformed functions. Topics in analytical geometry and discrete mathematics such as conic sections, Binomial Theorem and series will also be covered. The second part of this course will concentrate on the six different trig functions, their relationships to each other, identities, properties, and applications to solving problems. Students will graph and transform all six. An introduction to vector analysis will also be covered. Both radian and degree measures will be used. Students will see the connection between right triangle trigonometry and the use of the unit circle. A TI Graphing calculator is recommended. Advanced Algebra 2 and Advanced Geometry are highly recommended prerequisites for this course but are not required.

MAT504 **CALCULUS AB | Credit: 1 Math**

MAT503 **AP CALCULUS AB | Credit: 1 Math**

Grade: 12
Prerequisite: Pre-Calculus / Trigonometry
Fees: \$5

This course meets the College Board syllabus requirements for AP Calculus AB. It will prepare students to take the AP Calculus AB Exam offered by the College Board. **College credit can be earned for this course by earning a qualifying score on the AP Calculus AB Exam.** It is an introduction to college calculus. Topics include analytic geometry, functions, derivatives, applications of the derivatives, definite integrals, applications of the definite integrals, transcendental functions, and methods of integration. A TI graphing calculator is recommended.

PCC301 **PCC CAREER MATHEMATICS | Credit: 1 Math + 3PCC**

Grade: 10 – 12
Prerequisite: Geometry and Algebra I. **Must be part of student's Technical ICAP. ACCUPLACER score of EA 61+ (elementary algebra), or successful completion of MAT 050 with a grade of S/C or better. (3 PCC credits)**

This course covers material designed for career technical or general studies students who need to study particular mathematical topics. Topics may include measurement, algebra, geometry, trigonometry, graphs and/or finance. These are presented on an introductory level and the emphasis is on applications. **There are no fees for this class.**

PCC312 **PCC PERSONAL / BUSINESS MATH | Credit: 1 Math + 3 PCC**

Grade: 11 – 12
Prerequisite: Algebra II
Fees: \$5

This course is designed to prepare students to use mathematics effectively as a tool in their personal and business lives. After completion of this course, they will be able to apply mathematical concepts in various personal and business situations. Students will review and apply mathematical operations with whole numbers, decimals, fractions, ratios and percents. They will understand terminology relating to personal and business mathematics applications and be able to apply basic math skills and common mathematical formulas to solve a variety of personal and business mathematics. They will also learn to apply knowledge of computer and calculator use. This course may be used to meet the mathematics requirements for graduation.

MAT901 **MATH FOUNDATIONS | Credit: 1 Elective**

Grade: 9 – 12
Prerequisite: Students will be placed by the M-CHS Math Department & Counseling Office
Fees: No fees

This course is designed to allow students who have failed part of a required core math class recover the math credit required for graduation. Students will have the opportunity to be retaught concepts that they did not grasp during the normal course. Credit recovery will depend on passing the quarter exams for the core course.

SCIENCE

Montezuma – Cortez High School requires three (3) credits of Science to graduate.
Two of which must be Physical Science & Biology (Honors Diploma requires 4 credits)

	Freshman Year	Sophomore Year	Junior Year	Senior Year
Pathway 1 ACADEMIC LEVEL	Physical Science or Advanced Physical Science	Biology or Advanced Biology	Earth Science Anatomy & Physiology PCC Anatomy & Physiology Physics Advanced Placement Physics CLEP Chemistry AP Environmental Science	Earth Science Anatomy & Physiology PCC Anatomy & Physiology Physics Advanced Placement Physics CLEP Chemistry AP Environmental Science
PATHWAY 2: is for students that are on the Honors track.				
Pathway 2 HONORS LEVEL	Advanced Physical Science	Advanced Biology	Earth Science Anatomy & Physiology PCC Anatomy & Physiology Physics Advanced Placement Physics CLEP Chemistry AP Environmental Science	Earth Science Anatomy & Physiology PCC Anatomy & Physiology Physics Advanced Placement Physics CLEP Chemistry AP Environmental Science

IF A STUDENT FAILS ONE TRIMESTER OF A COURSE, THEY WILL NEED TO RETAKE THAT TRIMESTER OF THE COURSE TO FULFILL THEIR REQUIREMENT. THE PASSED TRIMESTER OF A COURSE MAY BE TAKEN FOR ELECTIVE CREDIT BUT WILL NOT COUNT TOWARDS THEIR 3 SCIENCE CREDITS.

SCI201 **PHYSICAL SCIENCE | Credit: 1 Science**

Grades: 9 – 10
Prerequisite: None
Fees: \$10

This class is intended to increase student's knowledge of the physical world. This class is designed to meet the requirements of the introductory level science course. Students will learn motion, forces, and energy concepts, the periodic table, nomenclature, chemical equations, and stoichiometry. All topics will include the scientific method with data analysis. This course is a lab class.

SCI203 **ADVANCED PHYSICAL SCIENCE | Credit: 1 Science**

Grades: 9 – 10
Prerequisite: None
Fees: \$10

This class is intended to increase student's knowledge of the physical world. Through an accelerated and more in-depth study, this course is designed to meet the requirements of an introductory science course. Students will learn motion, forces, and energy concepts, the periodic table, nomenclature, chemical equations, and stoichiometry. All topics will include the scientific method with data analysis. This course is a lab class.

SCI301 **BIOLOGY | Credit: 1 Science**

Grades: 10 – 11
Prerequisite: IPS or Advanced IPS
Fees: \$10

Students will study the diversity of living organisms including cellular characteristics and processes, inheritance, genetics, and evolution. Lab work will investigate cells, bacteria, and various animal specimens. This course is a lab class.

SCI303 **ADVANCED BIOLOGY | Credit: 1 Science**

Grades: 10 – 11
Prerequisite: IPS or Advanced IPS
Fees: \$10

This course is recommended for those students who are interested in increasing their knowledge of the biological world through an accelerated and advanced course. Students will study the diversity of living organisms including cellular characteristics and processes, inheritance, genetics, and evolution. Lab work will investigate cells, bacteria, and various animal specimens. This course is a lab class.

SCI101 **EARTH SCIENCE** | Credit: 1 Science

Grades: 11 – 12

Prerequisite: Biology or Advanced Biology

Fees: \$20

This course explores the foundations of Earth Science through the methods used to study the natural world. Students will investigate Earth's place in the Universe, Dynamic Earth processes, Energy in the Earth's system, structure and composition of the Earth and its atmosphere; as well as comparing historical and current climate data.

SCI401 **ANATOMY & PHYSIOLOGY** | Credit: 1 Science

Grades: 11 – 12

Prerequisite: Biology or Adv. Biology / Intermediate Chemistry is helpful. **Animal dissection is required.**

Fees: \$30

This course will explore the human body, both from its form (anatomy) and its function (physiology). The primary focus of this course will be for the student who anticipates pursuing a career or post-secondary education in which a sound human anatomical and physiological background would be beneficial. This course is a lab class and has a weighted grade. **Animal dissection is required.**

STUDENTS TAKING THIS COURSE HAVE THE OPPORTUNITY TO RECEIVE COLLEGE CREDIT AT THE SAME TIME. THE PREREQUISITES FOR RECEIVING COLLEGE CREDIT WILL BE TEACHER RECOMMENDATION, COUNSELOR APPROVAL, GOOD ATTENDANCE, AND STUDENT SIGN A CONTRACT. STUDENTS WHO RECEIVE COLLEGE CREDIT WILL RECEIVE THE PCC CREDIT FOR THIS COURSE.

PCC303 **PCC ANATOMY & PHYSIOLOGY** | Credit: 4 PCC

Prerequisite: Accuplacer Reading Comp 080 or Undergraduate level English 121 Minimum Grade of C or Accuplacer Sentence Skills 070 or ACT English 18

SCI501 **AP ENVIRONMENTAL SCIENCE** | Credit: 1 Science

Grades: 11 – 12

Prerequisite: Completion of Biology or Advanced Biology

Fees: \$20

AP Environmental science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study, yet there are several major unifying themes that cut across the many topics included in the study of environmental science. This course is a lab class and has a weighted grade.

*Advanced Placement courses culminate in an exam, which is administered in May. These examinations require that students pay a testing fee. All students enrolled in these courses are expected to sit for these summative exams. The individual teachers, based on financial issues or poor performance in the course, may offer exemptions from this policy, but students who **do not sit for the exam** will not receive an AP course designation on their high school transcript. Students who complete the course without taking the exam will have transcripts changed so the prefix to the course reads Advanced (ADV) rather than Advanced Placement (AP).

SCI503 **PHYSICS** | Credit: 1 Science

SCI601 **AP PHYSICS** | Credit: 1 Science

Grades: 11 – 12

Prerequisite: Biology or Adv Biology/Algebra II

Fees: \$20

This course is the study of the physical world and the relationships between matter and energy. The main focus of the course will be motion but other topics including waves, electricity, and light will also be covered. This course will give the student a good preparation for college level physics. This course is a lab class and has a weighted grade.

SCI702 **CLEP CHEMISTRY** | Credit: 1 Science

Grades: 11 – 12

Prerequisite: Biology or Adv Biology/Algebra II concurrently

Fees: \$20

Chemistry is the study of matter and its changes. Topics include the atom, electron, periodic law, chemical bonding, chemical formulas, chemical equations, stoichiometry, solutions, and acids/bases. The various theories and concepts we will study will be emphasized through lab work. This course will give the student a good preparation for college level chemistry. This course is a lab class and has a weighted grade.

SOCIAL STUDIES

Social Studies Sequences

Montezuma-Cortez High School requires three (3) credits of Social Studies to graduate.
Honors Diploma candidates are required to complete (4) credits.

- They can be taken any time during the student's 4 years of high school.
- Other Social Studies classes can be taken for Elective Credits
- There are NO FEES for any of the Social Studies Classes.

	Freshman Year	Sophomore Year	Junior Year	Senior Year
ACADEMIC LEVEL	U.S. History	U.S. History		American Government
HONORS LEVEL		U.S. History		*AP American Government
ELECTIVES *Must have Instructor Approval			*AP American Government Contemp. World Studies & Economics Psychology	*AP American Government Contemp. World Studies & Economics Psychology

HIS201 U. S. HISTORY | Credit: 1 Social Studies

Grades: 9
Prerequisite: None

This class deals with the history of the nation from the Reconstruction to the modern era. The political, economic and social history of the nation as well as important documents and wars are studied. Students write one research paper as well as several essays. This course is required to fulfill one of the social studies requirements.

HIS401 AMERICAN GOVERNMENT | Credit: 1 Social Studies

Grades: 12 (11 with approval)
Prerequisite: U.S. History

This course is a study of the development of the American system of government, the various levels of government within the United States and the political process. The emphasis of the class will be on understanding what government is, why it exists and how it is shaped by civic life and politics. Students will understand the constitutional principles and foundations of our political systems, how to exercise their rights and responsibilities in civic life and why citizen involvement is critical. Students must either have senior standing in credits, seniors be on track their senior year, or have a "C" or higher in all previous social studies classes. Students must have completed World History as well as U.S. History.

HIS403 AP AMERICAN GOVERNMENT | 1 Social Studies

Grades: 12
Prerequisite: U.S. History; 11th Instructor Approval

This college-level course is offered in place of regular U.S. Government. It is an introduction to the U.S. national government. This course is a study of the development of the American system of government, the various levels of government within the United States and the political process. The emphasis of the class will be on understanding government institutions, political processes, and examining policy choices. The institutions and policies of the U.S. government will be considered in light of historical change, constitutional procedures, and comparative perspectives. **These are electives with a possibility of college credit attached, to enroll in the class, a junior or senior must have a "B" or better in all prior Social Studies classes/instructor approval.**

*Advanced Placement courses culminate in an exam, which is administered in May. These examinations require that students pay a testing fee. All students enrolled in these courses are expected to sit for these summative exams. The individual teachers, based on financial issues or poor performance in the course, may offer exemptions from this policy, but students who DO NOT SIT FOR THE EXAM will not receive an AP course designation on their high school transcript.

HIS503 CONTEMPORARY WORLD STUDIES & ECONOMICS | Credit: 1 Elective

Grades: 10 – 12 Only
Prerequisite: U.S. History

This multi-faceted course will be split into two distinct semesters to help students get a deeper understanding of economic systems and global issues. This course is best suited for students who have an interest in exploring the complex social, technological, religious, and cultural issues that are taking place globally, as well as the economic systems and principles that impact us on a local, national, and international scale. This class will be a C21 technology based class using internet and technology based resources. Topics will include Cultural Practices and Gender issues, Ethnic and Religious Conflict, Human Rights, Nuclear Proliferation, and Technological Impacts, as well as Economic topics such as Macro and Micro Economics, Personal Finance, Business Economics, and the Stock Market. **THIS CLASS IS OFFERED TO JUNIORS AND SENIORS ONLY.**

HIS501 PSYCHOLOGY | Credit: 1 Elective

Grades: 11 – 12
Prerequisite: None

This course is an introduction to the scientific study of behavior and mental processes. This class includes historical foundations, research methods, biological basis for behavior, learning, memory, motivation, personality, psychological disorders, and therapy.

BASIC STUDENT SERVICES

BSS203 MATH 2 | Credit: 1 Math

Grades: 9 – 12

MATH 2 provides the skill base and number sense that students need to meet the high standards of modern mathematics. Designed for students who struggle with entry level high school math, this course consists of a review of basic math with an emphasis on rational numbers, working with multiplication, division, fractions, and graphs. Students will use number sense to estimate and justify reasonableness of solutions to problems involving whole numbers, and commonly used fractions and decimals. MATH 2 covers fewer topics in greater depth and provides a balanced approach between procedural knowledge and conceptual understanding. Student placement and skills will be assessed utilizing PARCC and STAR math scores and other measures of progress monitoring.

MAT103 ESSENTIALS OF ALGEBRA (replaces MATH 3) | Credit: 1 Math

Grade: 9 – 12

This course meets the Colorado Academic Standards for 7th- 9th grade. It is designed to help those students who are testing below 9th grade level acquire the skills they need to be successful in future high school math courses. The 1st semester of this course includes, but is not limited to: operations on integers, fractions, mixed numbers and decimals, ratio, proportion and percentages, working with variable expressions, interpretation of statistical graphs, measurement and geometry, and an introduction to polynomials and graphing. The 2nd semester of this course begins the introduction to the language and applications of algebra. Students will continue to develop their understanding of real numbers and their properties to introduce Algebra I concepts. Basic data analysis and probability will also be addressed. The topics of Algebra I will begin to be addressed in this course at a slower pace with the remaining Algebra I requirement to be addressed in the sister course, Algebra B. The applications of Algebra will include, but not be limited to: variables, mathematical expressions, and linear functions. Students will continue to work with 2 and 3 dimensional shapes to find perimeter, area, surface area and volume. An Introduction to Personal Financial Literacy will be included in this course.

BSS303 READING 2 | Credit: 1 English

Grades: 9 – 12

This course is designed to develop and strengthen the reading skills of the struggling high school student who has stronger decoding than comprehension skills in reading. Materials and teaching strategies are matched to the needs of the student as identified. Vocabulary development is emphasized through oral and written activities. Pacing of instruction, content repetition, student interaction and self-evaluation are key elements. Student placement and skills will be assessed utilizing PARCC and STAR scores and other measures of progress monitoring.

BSS305 WRITING | Credit: 1 English

Grades: 9 – 12

This course is designed to further the writing skills of students. Students will learn a better understanding of how writing communicates a message, to organize writing to create a draft document, to revise ideas, voice and organization to create a written product using a variety of resource materials. Students will learn and use appropriate conventions, mechanics and format to create a readable, productive and legible written product in a small group learning environment suitable to their learning styles and needs.

BSS101/BSS105 LIFE SKILLS 1 / 2 | Credit: 1 Elective

Grades: 9 – 12

This course is designed from a Life Skills Based Curriculum for students with **severe and profound needs**. It offers identified students a curriculum that is individual for each student in the areas of functional life skills needed for transition to post-secondary life. This class ties into a Center Base Model for severe and profound students.

BSS108 FUNCTIONAL MATH | Credit: 1 Math

Grades: 9 - 12

Functional Math combines elements of life skills math with number sense, to include whole numbers, factors, number patterns, multiples, estimation and multi-step problems for students with **severe and profound** learning needs. Student learning is fostered using a combination of life-centered tasks with a traditional math approach. A major emphasis continues with a review of basic math skills in addition and subtraction with an emphasis on multiplication and division, time and money applied to real life learning. Pacing of instruction, content repetition, student interaction and self-evaluation are key elements.

BSS103 FUNCTIONAL READING | Credit: 1 English

Grades: 9 - 12

Functional Reading combines elements of life skills with basic reading skills, for students with **severe and profound** learning needs. Student learning is fostered using a combination of life centered tasks with a variety of researched based reading best practices. A major emphasis continues with letter and word identification and reading skills that can be applied to real life learning. Pacing of instruction, content repetition, student interaction and self-evaluation are key elements.

BSS104 **FUNCTIONAL SCIENCE** | Credit: 1 Science

Grades: 9 – 12

Functional Science combines elements of life skills with basic science concepts, for students with **severe and profound** learning needs. Student learning is fostered using a combination of life centered tasks while exposing students to the core elements of science, while maintaining the grade level science strands. Pacing of instruction, content repetition, student interaction and self-evaluation are key elements. Student placement and skills will be assessed utilizing PARCC, COALT and STAR scores and other measures of progress monitoring.

BSS109 **FUNCTIONAL INDEPENDENT STUDY** | Credit: 1 Elective

Grades: 9 – 12

This course combines elements of life skills with post-secondary readiness skills, for students with **severe and profound** learning needs. Student learning is fostered using a combination of life centered tasks with a variety of transition and post school outcomes. A major emphasis is placed on independent work, beginning with sheltered experience and ending with the students independently completing a variety of tasks without prompts and with mastery. Pacing of instruction, content repetition, student interaction and self-evaluation are key elements. Student placement and skills will be assessed utilizing PARCC, COALT, and STAR scores and other measures of progress monitoring.

BSS501 **BASIC U.S. HISTORY** | Credit: 1 Social Studies

Grades: 9 – 12

This class is an overview of the history of our nation. It includes the political, economic and social history of the United States. Student learning is fostered using a multi modal format. Pacing of instruction, content repetition, student interaction and self-evaluation are key elements. Student placement and skills will be assessed utilizing PSAT, COALT, and STAR scores and other measures of progress monitoring.

CTE ACE

MAT401 **PERSONAL FINANCE** | Credit: 1 Math

Grades: 9 – 12

Students learn how to navigate the financial decisions they must face and to make informed decisions relating to career exploration, budgeting, banking, credit, insurance, spending, financing postsecondary education, taxes, stock market, saving and investing, buying/leasing a vehicle, and living independently. They also learn the importance of investing in themselves in order to gain the knowledge and skills valued in the marketplace. Development of financial literacy skills and an understanding of economic principles will provide the basis for responsible citizenship, more effective participation in the workforce, and career success.

BSS307 **SPEECH** | Credit: 1 English

Grades: 10 – 12

This course will focus on speech techniques and concepts, such as informative and persuasive speaking and communication. This class is designed to help students feel comfortable speaking in front of small groups as well as prepare them for later transitions.

BSS701 **ENTREPRENEURSHIP** | Credit: 1 Elective

Grades: 9 – 12

Prerequisite: Instructor Approval

This may be a zero period class. A student run business, such as Coffee Club & T-shirt Screening, provides hands-on experience, marketing, accounting, and customer service. Learning to deal with co-workers and management.

BSS601 **WORLD OF WORK** | Credit: 1 Elective

Grades: 10 – 12

The course includes careers exploration, skills needed to get and keep a job, and study strategies.

BSS602 **ACE WORK** | Credit: 1 or 0.5 Elective

Grades: 11 – 12

Prerequisite: Instructor Approval

Students in grades 11, 12 earn elective credits through work based sites. Work experience and 137 paycheck stub hours translate into 1 elective credit.

BSS200 **CONTENT MASTERY** | Credit: 1 or 0.5 Elective

Grades: 9 – 12

The class is designed as a support class for students who are in need of extra help or in need of an intervention. It is also appropriate for students who are enrolled in several core curriculum classes and may benefit from extra time and support in completing their coursework. The focus of this class is to build the student's skills in self-advocacy, organization, study skills, test taking, technology supports and other areas, as identified. If the support is needed, students may register for this class each semester. Content Mastery is intended for students who are self-directed and/or willing to accept support to become a more self-directed learner.

M-CHS CONCURRENT ENROLLMENT GUIDELINES

THESE REQUIREMENTS APPLY TO CLASSES LISTED BELOW



In order to be considered for SCCS Programs on SCCC campus, students must meet the following M-CHS Requirements:

1. Must have a 2.0 GPA or better.
2. Must not have any major discipline referrals.
3. Must be attending classes at M-CHS and have no more than 70 family, ill, or unverified absences throughout the prior school year. Attendance in PCC classes is expected to be at 80%. This means that if a student misses 20% (or approximately 6 college classes), the student will be dropped from the college class. The student and/or the student's parent(s) will be expected to reimburse M-CHS for any college tuition already paid to PCC.

For PCC classes taught by M-CHS teachers, students must have instructor approval. Students must also provide Accuplacer, SAT or ACT test scores, to verify eligibility for PCC classes.

M-CHS will pay tuition for up to 12 college credits per semester, for qualified M-CHS students taking classes on the SCCC campus. (This does not apply to students taking PCC classes on M-CHS campus) Each student and/or his/her family will be responsible to pay for registration fees each semester, any PCC fees, and/or text books. Students taking the EMT class are also responsible to pay a fee of \$40 (subject to change). Bills for fees will be sent directly from PCC to the home address (entered on the concurrent registration form) of the student. Any questions or concerns regarding PCC invoices should be discussed with your Counselor.

If the student does not receive a 'C' or better in the college class that he/she are enrolled in, he/she will be expected to reimburse M-CHS for any tuition already paid to PCC. Each student and his/her parent(s) will complete and sign a Concurrent Enrollment Registration Form and the PCC Student Payment Agreement. These forms can be obtained from your counselor and must be returned before the class starts in order for the student to participate in the concurrent enrollment program. PCC Course Offering at M-CHS and PCC are listed on the page 25-26.

Other on-line classes may be available in Written Communication, Oral Communication, Mathematics, Natural & Physical Sciences, Arts & Humanities, Social & Behavioral Sciences, and/or History. Please see your counselor for a complete list of classes that may be offered each semester.

CONCURRENT ENROLLMENT CLASSES offered on SCCC CAMPUS

SWC101/ SWC102 AUTOMOTIVE TECHNOLOGY I & II | Credits: 3 Elective + SCCC Credits

This program teaches you to perform general maintenance on automotive brake, steering and suspension systems. The program has met the National Institute for Automotive Technicians Education Foundation (NATEF) accreditation in the areas of Brakes, Suspension & Steering. **Program/ Entrance Requirements:** Pass the "Ability to Benefit" assessment. **Concurrent Students earn General Service Technician Certificate (TOTAL 29 credits)**

SW701 NURSE AIDE | Credit: 3 Elective + SCCC Credits

Prerequisite: Accuplacer Math EA 30-84 or AR 40+, and English SS 50+

(SCCC Certificate) Mini-Certificate* is a part of the Med Prep Certificate taken during the second (spring) semester. This program teaches you the basic skills and procedures needed to assist hospital clients, long-term care residents, and home health care clients with their daily living activities. **Career Opportunities:** The Nurse Aide program prepares you to work as an entry-level bedside caregiver in health care facilities or home health care services and prepares the student to continue on to a Nursing Program. To succeed in this program, you must have a sincere concern for people, good physical and emotional health, an excellent attendance record, an ability to communicate effectively with other health care personnel, patients, and their families, and a neat, well-groomed appearance. **Note:** Clinical agencies used during the program require that you successfully complete a background check, drug screening, immunization series, and CPR training. **Colorado Board of Nursing Requirements for Nurse Aide Certification:** Successful completion of NUA101, NUA 102, NUA170, & NUA171 Students will earn (6.5 credits). Students must successfully pass the Nurse Aid Certification Examination subject to the requirements of the Colorado Board of Nursing before they are considered "Certified Nurse Aides". Students may be employed for 3 months as a nurse aide as soon as they complete all the class requirements but must obtain State Certification if they are to continue employment.

SWC301/SWC302 WELDING | Credit: 3 Elective + SCCC Credits

The Welding AAS degree offers advanced instruction if you have finished the basic welding courses, or if you are working at the trade and wish to upgrade your skills. The Welding Certificate program provides training in the SMAW (Shielded Metal Arc Welding), GTAW (Gas Tungsten Arc Welding), GMAW (Gas Metal Arc Welding) and the Oxyacetylene cutting process. This training is also included in the degree program. This two semester program stresses print reading and applied metal properties. It prepares you for employment in the industry in the shortest possible time. **Career Opportunities:** The Welding program prepares you for a career in construction and manufacturing settings, small job shops, city and government welding centers, and related sites. You may also work as a self-employed welder. Students will earn credits toward the Structural Welder Certificate and/or the Associate of Applied Science Degree in Welding. Students will receive a program certificate of completion at the end of the year (TOTAL 25 credits)

PC307 CNA

The Nurse Aide (NUA) program teaches students the basic skills and methods needed to help hospital clients. Students will also learn skills to help long-term care residents, and home health care clients with their daily living activities. You must undergo a background check and drug screen before we can officially admit you into the program.

NUA 101	Certified Nurse Aide Health Care Skills	4 CR.
NUA170	Nursing Assistant Clinical Skills	1 CR.
NUA171	Advanced Nurse Aide Clinical	1 CR.
NUA102	Nurse Aide Certification Exam Prep	0.5 CR.

PC308 PHLEBOTOMY

Courses cover venipuncture, capillary puncture, quality control, infection control, safety procedures, and laboratory computer systems. You will participate in laboratory and clinical experiences to perfect blood drawing skills and prepare you for the workforce as a qualified phlebotomist. When you successfully complete this program, you are eligible to sit for the National Phlebotomy Registry Exam. Transportation to the college will be needed two times a week. You must undergo a background check and drug screen before we can officially admit you into the program.

HPR112	Phlebotomy	4 CR.	HPR	Internship	1 CR.
HPR113	Advanced Phlebotomy	1 CR.			

MONTEZUMA-CORTEZ HIGH SCHOOL GUIDELINES

ACADEMIC LETTER

The Academic Letter is based on Grade Point Average (GPA). To qualify for the Academic Letter, a student must carry at least five subjects a trimester. Eligibility is based on the following scale:



- 9th Grade – Cumulative GPA of 3.70
- 10th Grade – Cumulative GPA of 3.65
- 11th Grade – Cumulative GPA of 3.60
- 12th Grade – Cumulative GPA of 3.55

ACCEPTABLE ACADEMIC ELECTIVES

Acceptable Academic Electives include additional courses in English, mathematics, natural/physical sciences and social sciences, world languages, art, music, journalism, drama, computer science, honors, and Advanced Placement courses. Approved career and technical education courses with content comparable to courses meeting Colorado's Model Content Standards and industry specific/CTE standards are counted as academic electives beyond the minimum years listed above, which include vocational agriculture, family and consumer science courses, business, and technology.

ADVANCED PLACEMENT COURSES

Advanced Placement courses culminate in an exam, which is administered in May. These examinations require that students pay a testing fee. All students enrolled in these courses are expected to sit for these summative exams. AP Students are also required to take the AP exams in May. There are costs associated with AP courses and payment is required prior to taking the tests in May. The individual teachers, based on financial issues or poor performance in the course, may offer exemptions from this policy, but students who **do not sit for the exam** will not receive an AP course designation on their high school transcript. Students who complete the course without taking the exam will have transcripts changed so the prefix to the course reads **Advanced (ADV)** rather than **Advanced Placement (AP)**.

ASSESSMENTS

Part of an educational program includes assessments given at different levels and at different times of the school year. Some are national, some are state, and some are district assessments. If you have further questions, please call the counseling office or administration.

ATHLETIC ELIGIBILITY / MINIMUM COURSE REQUIREMENTS

All students must be enrolled full-time during grades 9-12. They must carry 6 credit-bearing classes to maintain athletic eligibility.

CHANGE of ADDRESS, TELEPHONE NUMBER, and EMAIL ADDRESS

Parents/Guardian and students **should notify the Guidance Office immediately** of any changes of address or telephone number. We also encourage parents/ guardians to give their email address for school announcements and upcoming events.

COLORADO CAREER CLUSTER MODEL

Most Careers can be broken into six career clusters. These clusters help make the process of choosing a career and planning for that career easier for you. The six career clusters in the Colorado model are:

1. Agricultural & Natural Resources
2. Business & Public Administration
3. Health Sciences & Public Safety
4. Hospitality, Human Services & Education
5. Skilled Trades & Technical Sciences
6. STEM, Arts, Design & Information Technology

All occupations fall under these career clusters. Further, all six career clusters have different levels of employment based, most frequently, on education and/or training. Professional careers require the most education or specialized training, usually a four-year college degree or higher. Technical and vocational careers normally require a two-year degree or specialized training. Entry-level careers usually require only a high school diploma with a limited amount of additional training. During the 11th grade students are given the opportunity to explore their pathway and plan their course of study to achieve those goals.

COLLEGE OPPORTUNITY FUND / COF

The College Opportunity Trust Fund was created by the Colorado Legislature and provides a stipend to eligible undergraduate students. The stipend pays a portion of total in-state tuition when a student attends a Colorado public institution or a participating private institution. Eligible undergraduate students must apply, be admitted and enroll at a participating institution. Both new and continuing students are eligible for the stipend. Qualifying students may use the stipend for eligible undergraduate classes. The stipend is paid on a per credit hour basis to the institution at which the student is enrolled. The credit-hour amount will be set annually by the General Assembly. The statutory authority is found in C.R.S. Title 23 Article 18.

CONCURRENT ENROLLED STUDENT

A student enrolled in college classes and high school classes at the same time.

DUAL CREDIT

Dual credit courses allow students to earn high school credit simultaneously with community college credit. Students must have junior or senior status with the exception of qualifying students in the PCC Associates of General Studies and PCC Associates of Arts Programs. Courses are generally taught at the high school and meet college level expectations.

EMAILING TEACHERS

Come by the Counseling Office for a complete list of email addresses and extensions list of teachers for individual contact with teachers.

EVALUATION PROCEDURES / ASSESSMENT MEASURES

Assessment is a part of each class at M-CHS. The use of authentic procedures such as direct writing assessment and criteria refined tests will provide the input necessary for the evaluation of student progress and the quality of instruction.

EXEMPTION FROM REQUIRED INSTRUCTION

If the religious beliefs and teachings of a student or his parents or legal guardian are contrary to a portion of the content of a school subject or to any part of a school activity, the student may be exempt from participation in that specific portion, or if the religious objection is to the entire course, then all of the course or activity. However, to receive such an exemption, the parent or legal guardian must present to the school principal a written request for exemption so stating the conflict involved. Exemptions from required instruction do not excuse a student from the total trimester hours required for high school graduation. Please check with your principal for the procedure for exemption from a course.

FERPA REGULATIONS

According to the Family Educational Rights and Privacy Act (FERPA), the confidentiality of student records is protected from unauthorized inspection. Information pertaining to student's educational history, such as grades, test results, discipline and records regarding student disabilities are confidential, and may only be accessed by: Parents who retain parental rights, District or school faculty and staff with a "legitimate educational interest" in the student, and other institutions with a "legitimate educational interest", such as colleges requesting transcripts. If you do not want Montezuma-Cortez High School to disclose directory information (student's name, address, telephone number, photographs, DOB, grade level, dates of attendance, participation in sports, and honors and awards received) for your child; or release information to the Military without your prior written consent, you must notify the High School in writing by October 15.

COUNSELING DEPARTMENT

At M-CHS, school counselors are a vital link to academic, career, and personal/social development for all students. Our certified school counselors collaborate with other educators, parents, and the community to provide access to programs and services for all students. School counselors provide comprehensive guidance curriculum in the classroom, as well as individual and group counseling, to prepare students with the knowledge and skills needed to achieve success in school and society.

IMMUNIZATION REQUIREMENTS

Students are required to provide an immunization record to the Counseling Office upon enrollment. Each parent will receive an immunization information sheet each school year. Please contact your health care provider or the Montezuma County Public Health Department if you are not sure of your student's shot status. For further information you may contact the Nurse's Office 565-3722 ext. 2145.

INDIVIDUAL CAREER & ACADEMIC PLAN (A PLAN OF STUDY)

ICAP shall be designed to assist a student and his or her parent or legal guardian in exploring the postsecondary career and educational opportunities available to the student, aligning course work and curriculum, applying to postsecondary education institutions, securing financial aid and ultimately entering the workforce.

LOCKER ASSIGNMENTS

M-CHS will provide academic lockers to students. Locks are not provided. Students are responsible for the security and upkeep of their lockers. If there are any problems, students should report them to the main office. No modifications to the inside of the lockers may be made. Appropriate pictures may be hung only with scotch or masking tape – no stickers, decals, etc. are allowed. The student assigned to the locker is responsible for any and all damage and will be charged for all cleanup, repairs or damage. By state and federal laws, the contents of a locker may be searched by school officials without notice, or consent if there is a "reasonable cause" to believe that the locker contains illegal or suspect materials. Any student found tampering with lockers or locks will be charged for replacement costs and appropriate disciplinary action will follow.

NCAA ELIGIBILITY CENTER

Modified Quick Reference on page 35.



POST SECONDARY ENROLLMENT OPTIONS / BOARD POLICY

(PSEO) Please read the requirements and make an appointment with your Counselor to view this Contract.

POWERSCHOOL COMPUTER ACCESS FOR PARENTS

If parents/guardians have internet access at home or at work, they can view information on their student(s) at any time. Parents/Guardian may access PowerSchool to check on their student's performance and eligibility at any time throughout the school year. PowerSchool has grades, attendance, and the capability for parents to send emails directly to their child's teacher. Parents may request a progress report by emailing teachers at any time during the student's enrollment. If interested, please bring your picture ID to the Counseling Office to receive your username and a password.

REGISTRATION

Registration takes place in the spring for the coming fall. All registration is coordinated through the counseling office. For any questions or important dates please contact the Counseling Office (970) 565 – 3722 ext. 2129.

REPORT CARDS

Parents may request a grade report by emailing their child's teacher at any time during the student's enrollment. Trimester report cards are mailed home at the end of each trimester.

SCHOLARSHIPS

Our Counseling Office will attempt to have on hand as much information as possible on local, state, and national scholarships. This process should begin during the beginning of a student's senior year. Scholarships are announced when they become available and copies may be picked up in the Counseling Office. We encourage ALL SENIORS to make an appointment with their counselor at the beginning of the school year. You may submit your email address to receive a listing of our scholarships.

M-CHS TEST OUT POLICY

(IN ACCORDANCE WITH SCHOOL DISTRICT POLICY IKF-R) IF A STUDENT WISHES TO MOVE AHEAD AND TEST OUT OF REQUIRED COURSES, THE FOLLOWING PROCEDURE MUST BE FOLLOWED:

1. **MUST COMPLETE APPLICATION** which includes: one page letter explaining: Educational goals, Future courses planned to achieve educational goals, and how testing out of class will benefit education; parent permission; meeting & approval with student's counselor.
2. Only CORE classes may be challenged.
3. If the course is an English, Math or Science Course, student must have High Proficient or Advanced rating in reading, writing, math, science in the most current test data available.
4. If the course is a non-assessed area on the PSAT, student must have High Proficient or Advanced rating in reading and writing.
5. End of Course and/or test out exam (standards based) used.
6. Must receive an 80% or higher on the exam.
7. Students may take exam only once.
8. Students who pass the test at 80% or higher will receive an ungraded credit for the class.
9. Student will NOT receive a letter grade. Student will receive a 'P' on the transcript to represent passing.
10. Student must still meet the required number of graduation credits needed in each area as stated by the Graduation Policy.
11. Students must have parental permission.
12. Final approval given by Department, Principal, and Counselor Team.

TESTING - STANDARDIZED TESTING / STATE TESTING

PSAT/SAT – Colorado Measurement of Academic Success (formerly TCAP & CSAP): This is a required test administered to all freshmen and juniors (science). Students will receive scores in Reading, Writing, Mathematics, and Science. The CMAS is Colorado's standards-based assessment designed to provide a picture of student performance to schools, districts, educators, parents and the community.

CO-ACCESS: English Language Proficiency Test / ACCESS Exam for English Learners is a standardized assessment for students who have a NEP (not English proficient) or LEP (limited English proficiency) designation which was determined from the Placement Test students were given based on information from the Home Language Survey. The ACCESS for ELLs (Assessing Comprehension and Communication in English State-to State for English Language Learners) is a secure English language proficiency assessment given to K through 12th graders who have been identified.

STAR Testing – Standardized Testing and Reporting: (formerly MAPS Testing-Measures of Academic Progress) a state-aligned computerized adaptive assessment program that provides educators with the information they need to improve teaching and learning. Educators use the growth and achievement data from STAR to develop targeted instructional strategies and to plan school improvement. These assessments are unique in that they adapt to each student's ability, accurately measuring what a child knows and needs to learn. Most importantly, the results educators receive have practical application to teaching and learning. STAR test results provide educators with timely information that guides instructional planning and school improvement.

TESTING - COLLEGE ADMISSIONS TESTING

THE FOLLOWING TESTS ARE AVAILABLE AS A PART OF THE HIGH SCHOOL PROGRAM:

AP — Advanced Placement Test: College level courses taken as a part of a high school program that offers advanced students the opportunity to take courses with more challenging college-level content. Students who complete courses are eligible to take the exams for college credit at most colleges and universities. These tests may be taken for a fee by students. If they score at a "passing" level, they may be awarded college credit determined by the individual college.

ASVAB – Armed Services Vocational Aptitude Battery Test: The U.S. Department of Defense has provided the ASVAB, a nationally norm, multi-aptitude test battery, to high school and postsecondary schools since 1968. This is a free test open to Juniors and Seniors administered at M-CHS each year.

The ASVAB Career Exploration Program has been designed to encourage students to learn more about themselves while exploring potential career options. You can benefit from the Program whether you plan to pursue further education after high school or enter the workforce right away. The test is designed to help you: Learn more about yourself and the world of work, explore occupations in line with your interests and skills, develop an effective strategy to realize your career goals. ASVAB includes tests and activities that help you identify your interests and provide information about your Verbal Skills, Math Skills, and Science and Technical Skills.

PSAT: Preliminary Scholastic Aptitude Test: PSAT/NMSQT - Preliminary SAT/National Merit Scholarship Qualifying Test; Administered by the [CollegeBoard](#) the PSAT is a standardized test that provides practice for the [SAT](#) Reasoning test. The PSAT is a required test for all sophomores. It also gives you a chance to enter National Merit Scholarship Corporation (NMSC) scholarship programs. Sophomores are required to take the PSAT as part of the standardized state testing. For a fee, this 3hour test is administered to juniors who want to try and qualify for the NMSQT and who are planning to take college entrance tests.

ACT/SAT National Tests - American College Test/ Scholastic Aptitude Test: The ACT/SAT is a national college admission examination that consists of subject area tests in English, Mathematics, Reading, and Science. ACT results are accepted by almost all U.S. colleges and universities. The ACT is administered on five test dates—in October, December, February, April, and June. They are required by most colleges for admission. Counselors give students information about these tests if they have been informed by the student that college is a goal. Individual high schools have preparatory materials and/or sessions to help students with their college entrance tests. Juniors are required to take the SAT as part of the standardized state testing. SAT website is www.collegeboard.org ACT website is www.actstudent.org

CLEP – College-Level Examination Program: The College Board's CLEP has been the most widely trusted credit-by-examination program for over 50 years, accepted by 2,900 colleges and universities. The rigorous program allows students to demonstrate their mastery of introductory college-level material and earn college credit. Students can earn credit for what they already know by getting qualifying scores on any of the 33 examinations.

TRANSCRIPTS

Transcripts are a student's history of classes taken throughout high school and the grades received. Transcripts are maintained by our Registrar. Transcripts also include a student's class rank, cumulative GPA and SAT/ACT scores. Cumulative GPAs are calculated using grades recorded from Freshmen year through Senior Year. M-CHS uses a 4.0 scale for regular classes and a 5.0 scale for AP and college classes. If you have questions regarding a transcript, or need an official transcript, please contact the M-CHS Registrar or call 970-565-3722 ext. 2125.

TRANSFER STUDENTS

Students new to M-CHS will be required to submit "proof of residency" (i.e. city of Cortez Utility bill), an official transcript, a current immunization card, and their birth certificate verification. Transfer students will have their transcripts evaluated on an individual basis for credit and required courses. Students should contact the COUNSELING OFFICE for further information. Transfer students must complete an enrollment packet, updated immunization records approved by the nurse, and may be required to meet with an administrator prior to enrolling with a counselor. Students with withdrawal grades from another school will be scheduled into comparable classes if possible.

WITHDRAWING FROM A CLASS

Students are strongly encouraged to make requests for schedule changes before classes start, or as soon as possible afterwards. There must be educational justification for making a change. Schedule changes may be made without penalty within the first 2 weeks of each trimester. Withdrawals after the specified time limit will require extenuating circumstances to be considered, must be approved by a counselor, and will result in a "WP" or "WF" grade on the transcript. No class change will be official without the required forms being submitted to our Counseling Office within the time frame required. ***Students who withdraw from college classes are expected to reimburse the tuition costs to the school district as per RE-1 School Board Policy File: IHCD A**

WITHDRAWING FROM SCHOOL

To withdraw, a student must report to the Registrar's Office for instructions and procedure to be followed. Final clearance will be given when the forms are completed, books are returned, any fees outstanding are paid, and a parent's signature is recorded. ***Transcript and/or grades will not be released if any of the above is incomplete.**

COLLEGE ADMISSION STANDARDS

The Colorado Commission on Higher Education established an admissions index for all Colorado public four-year institutions. The index has two components: a student's high school performance (i.e., high school grade point average or class rank) and performance on a standardized test. The specific minimum index score at each institution is summarized below. Effective with the applicants who graduate from high school in spring 2008 or later, freshmen must meet both the institution's admission index and have completed the required pre-collegiate curriculum to meet CCHE's freshmen admissions standard. Additional information is available on line at www.state.co.us/cche

		SAT (New)	400	540	620	710	780	840	880	920	960	1010	1050	1090	1130	1150	1190	1230	1270	1310	1340	1370	1410	1450	1480	1520	1560		
After March 2016		SAT (Old)	400	500	550	610	690	750	800	840	880	930	970	1010	1050	1080	1120	1160	1200	1240	1280	1310	1350	1400	1440	1490	1550		
Before March 2016		ACT	<12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
%H.S. Rank	H.S. GPA																												
0-1	0-1.3	45	47	49	51	53	55	57	59	61	63	65	68	70	72	74	76	78	80	82	84	86	88	90	93	95	97		
2-3	1.4-1.5	49	51	53	55	57	59	61	63	65	67	69	72	74	76	78	80	82	84	86	88	90	92	94	97	99	101		
4	1.6	51	53	55	57	59	61	63	65	67	69	71	74	76	78	80	82	84	86	88	90	92	94	96	99	101	103		
5-6	1.7	52	54	56	58	60	62	64	66	68	70	72	75	77	79	81	83	85	87	89	91	93	95	97	100	102	104		
7-8	1.8	54	56	58	60	62	64	66	68	70	72	74	77	79	81	83	85	87	89	91	93	95	97	99	102	104	106		
9-10	1.9	56	58	60	62	64	66	68	70	72	74	76	79	81	83	85	87	89	91	93	95	97	99	101	104	106	108		
11-12	2.0	58	60	62	64	66	68	70	72	74	76	78	81	83	85	87	89	91	93	95	97	99	101	103	106	108	110		
13-15	2.1	60	62	64	66	68	70	72	74	76	78	80	83	85	87	89	91	93	95	97	99	101	103	105	108	110	112		
16-18	2.2	61	63	65	67	69	71	73	75	77	79	81	84	86	88	90	92	94	96	98	100	102	104	106	108	111	113		
19-22	2.3	63	65	67	69	71	73	75	77	79	81	83	86	88	90	92	94	96	98	100	102	104	106	108	111	113	115		
23-26	2.4	65	67	69	71	73	75	77	79	81	83	85	88	90	92	94	96	98	100	102	104	106	108	110	113	115	117		
27-30	2.5	67	69	71	73	75	77	79	81	83	85	87	90	92	94	96	98	100	102	104	106	108	110	112	115	117	119		
31-34	2.6	69	71	73	75	77	79	81	83	85	87	89	92	94	96	98	100	102	104	106	108	110	112	114	117	119	121		
35-38	2.7	70	72	74	76	78	80	82	84	86	88	90	93	95	97	99	101	103	105	107	109	111	113	115	118	120	122		
39-43	2.8	72	74	76	78	80	82	84	86	88	90	92	95	97	99	101	103	105	107	109	111	113	115	117	120	122	124		
44-48	2.9	74	76	78	80	82	84	86	88	90	92	94	97	99	101	103	105	107	109	111	113	115	117	119	122	124	126		
49-53	3.0	76	78	80	82	84	86	88	90	92	94	96	99	101	103	105	107	109	111	113	115	117	119	121	124	126	128		
54-58	3.1	78	80	82	84	86	88	90	92	94	96	98	101	103	105	107	109	111	113	115	117	119	121	123	126	128	130		
59-62	3.2	79	81	83	85	87	89	91	93	95	97	99	102	104	106	108	110	112	114	116	118	120	122	124	127	129	131		
63-67	3.3	81	83	85	87	89	91	93	95	97	99	101	104	106	108	110	112	114	116	118	120	122	124	126	129	131	133		
68-72	3.4	83	85	87	89	91	93	95	97	99	101	103	106	108	110	112	114	116	118	120	122	124	126	128	131	133	135		
73-76	3.5	85	87	89	91	93	95	97	99	101	103	105	108	110	112	114	116	118	120	122	124	126	128	130	133	135	137		
77-81	3.6	87	89	91	93	95	97	99	101	103	105	107	110	112	114	116	118	120	122	124	126	128	130	132	135	137	139		
82-85	3.7	88	90	92	94	96	98	100	102	104	106	108	111	113	115	117	119	121	123	125	127	129	131	133	136	138	140		
86-89	3.8	90	92	94	96	98	100	102	104	106	108	110	113	115	117	119	121	123	125	127	129	131	133	135	138	140	142		
90-92	3.9	92	94	96	98	100	102	104	106	108	110	112	115	117	119	121	123	125	127	129	131	133	135	137	140	142	144		
93-100	4.0	94	96	98	100	102	104	106	108	110	112	114	117	119	121	123	125	127	129	131	133	135	137	139	142	144	146		

CCHE INDEX SCORE FOR FIRST-TIME FRESHMAN			
Institution	Requirements (HEAR)		
	Phase I***		Phase II
	Fall 2008	Fall 2009	Fall 2010
Adams State University*	80	80	80
Colorado School of Mines	110	110	110
Colorado State University	101	101	101
Colorado State University – Pueblo	86	86	86
Fort Lewis College	92	92	92
Colorado Mesa University (Mesa State)	85	85	85
Metropolitan State College of Denver**	76	76	76
University of Colorado – Boulder	103	103	103
University of Colorado – Colorado Springs	92	92	92
University of Colorado – Denver	93	93	93
University of Northern Colorado	94	94	94
Western State College	80	80	80

HIGHER EDUCATION ADMISSION REQUIREMENT (HEAR)		
Subject Areas*	Phase I (2008)	Phase II (2010)
English**	4 Units	4 Units
Math***Natural	3 Units (Algebra I, II and Geometry or Equivalent)	4 Units
Science***	3 Units (2 Units Lab-based)	3 Units (2 Units Lab-based)
Social Studies	3 Units (1 Unit U.S. or World History)	3 Units (1 Unit U.S. or World History)
Foreign/World Language (In Same Language)	---	1 Units
Academic Electives***	2 Units	2 Units

*Applies to students admitted to four-year programs;
 **Applies to admitted students 19 years of age and younger;
 ***Exemption for students whose index number exceeds minimum admissions index number by more than 10 points (15 points at Metropolitan State College of Denver) for Phase I requirements in 2008 and 2009.

Note: Phase I requirements are for applicants who graduated from high school in 2008 and 2009. Phase II are for any applicants who graduated high schools in and after 2010. See the policy for exemption criteria.
 *CCHE, CDE, School Districts and its advisors are developing standards for acceptable demonstrations of proficiency to be accepted in lieu of course completion. Four course guidelines see paragraph 4.01 of the Admissions Standards Policy.
 **Two units of ESL English may count for HEAR requirements when combined with two units of successfully completed college preparatory English.
 ***College-preparatory ESL mathematics/science courses that include content and academic rigor/level comparable to other courses may satisfy HEAR requirements.
 ****Acceptable Academic Electives include additional courses in English, mathematics natural/physical sciences, foreign languages, art music, journalism, drama, computer science, honors, Advanced Placement, International Baccalaureate courses, and appropriate CTE courses.

In 2003, the Colorado Commission on Higher Education adopted the Higher Education Admission Requirements which are entry requirements for students planning to attend any of Colorado's public four-year colleges or universities. The requirements go into effect in two phases: Phase 1 for students graduating in 2008 and 2009, and Phase 2 for students graduating in 2010 and beyond. Private colleges and universities set their own admission standards, so students should contact those institutions directly for information regarding their enrollment policies. Additionally, public two-year colleges have open enrollment policies, meaning that students applying to these schools do not need to meet the following admissions requirements. Students planning to attend a four-year college or university in Colorado will need to complete the following classes in order to fulfill the Higher Education Admission Requirements. In addition to the Higher Education Admission Requirements, students must also meet the above [Admission Eligibility Index](#). Meeting the Higher Education Admissions Requirements does not guarantee admission to a four-year public institution. Colleges and universities may have additional requirements.

General Information & Comparisons/**COLLEGE ADMISSION STANDARDS & REQUIREMENTS**

Entrance requirements vary from college to college, and in some cases these will vary by department within a college. Students who plan to attend college should take as many academic courses as possible in high school as this will enable them to be prepared for college work and to compete with other college students. Below are several examples of college admissions requirements for several universities and transfer programs. For more detailed information, please check with counselors and admissions.



GENERAL COLLEGE REQUIREMENTS

The following colleges and universities are listed according to the levels of entrance difficulty developed by Peterson's Four-Year Colleges 2005

MOST DIFFICULT	VERY DIFFICULT	MODERATELY DIFFICULT	MINIMALLY DIFFICULT
Examples: Dartmouth, Duke, Rice University, Stanford, Harvard, Yale More than 75% of the freshmen in the top 10% of their high school class and scored over 1310 on the SAT I or over 29 on the ACT. About 30% or fewer of applicants were accepted.	Examples: Colorado College, Colorado School of mines, UCLA, Pepperdine University More than 50% of the freshmen were in the top 10% of their high school class and scored over 1230 on the SAT I or over 26 on the ACT. About 60% or fewer applicants were accepted.	Examples: Colorado State University, University of Colorado/Boulder, University of Denver More than 75% of the freshmen were in the top half of their high school class and scored over 1010 on the SAT I or over 18 on the ACT. About 85% or fewer applicants were accepted.	Examples: Metro State College, Colorado Mesa University, Portland State Most freshmen were not in the top half of their high school class and scored below 1010 on the SAT I or below 19 on the ACT. Up to 95% of the applicants were accepted.

ADDITIONAL POST-SECONDARY EDUCATION OPTIONS

COMMUNITY COLLEGES	APPRENTICESHIPS	TECHNICAL COLLEGES
Offer Associate Degree and Certificate programs to prepare students for transfer to other colleges or for direct entry into the workforce. Examples: Arapahoe Community College, Community College of Denver High school diploma or General Education Development (GED) certificate or at least 16 years old and not attending high school or enrolled in Post-Secondary Education Options; Placement Tests.	Are generally four year programs offering journeyman Certificates and Associates Degrees. Apprentices receive paid on-the-job training and enroll in technical courses at community colleges. Example: Colorado Contractor's Association High school diploma or General Education Development (GED) certificate; At least 17 years old; Pre-qualifying tests; Interviews. Some programs will consider grade point averages in their selection procedures.	Offer Associates and Bachelor's Degrees for students who wish to begin a career immediately after the specialized training. Examples: Westwood College of Technology, DeVry University High school diploma or General Education Development (GED) certificate; At least 17 years old; a GPA of at least 2.0; Some programs may require ACT or SAT scores; Placement exam

High School Credit Requirements for Attending Colorado Colleges & Universities

University/College	English	Math	Social Science	Science	Foreign Language	Electives*	Total	HS GPA	ACT	SAT
Adams State University	4	4	3	3	1	2	17		80+ Index Score	
Colorado Mesa University	4	4	3	3	1	2	17		92+ Index Score	
Colorado School of Mines	4	4	3	3	1	2	17	3.74-4.00	29-33	1290-1450 (CR+M)
Colorado State University	4	4	3	3	2	2	18	3.30-4.00	23-28	1050-1250
Fort Lewis College	4	4	3	3			14+	>2.00	15+ Math & English	400-450
U.S. Air Force Academy	4	4	3	4	2	1 computer study	18		30	672+Math 642+Reading
University of Northern Colorado	4	4	3	3	1	2	17		94+ Index Score	
University of Colorado Boulder	4	4	3	3	2	1	17	3.40-4.00	25-30	1120-1310 Reading & Math

NCAA Division I Initial - Eligibility Requirements *(this page has been modified to fit one page)*

Core Courses: (16)

- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
 - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see online).
 - **SAT:** critical reading and math sections.
 - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
 - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts *before* initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**



Core Grade-Point Average:

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see online Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

DIVISION I Core-Course Requirement (16)
4 years of English
3 years of math (Algebra I or higher)
2 years of natural/physical science (1 year of lab if offered)
1 year of additional English, math or natural/physical science
2 years of social science
4 years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I – 2016 Qualifier Requirements
<i>*Athletics aid, practice, and competition</i>
• 16 core courses <ul style="list-style-type: none">◦ Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, Math or natural / physical science.<ul style="list-style-type: none">▪ "Locked in" for core-course GPA calculation.
• Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B Graduate from high school.

DIVISION I – 2016 Academic Redshirt Requirements
<i>*Athletics aid and practice (no competition)</i>
• 16 core courses <ul style="list-style-type: none">◦ No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).
• Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2).
• Graduate from high school.

NCAA Division II Initial - Eligibility Requirements

Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018**, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018**, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses

that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.

- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition **on or after August 1, 2018**, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 online).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier **on or after August 1, 2018**, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

DIVISION II - 16 Core Courses
3 years of English.
2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
3 years of additional English, mathematics or natural/physical science.
2 years of social science.
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org



M-CHS CAREER / ACADEMIC PLAN SHEET



Last Name: _____ First Name: _____

Grade: _____ Date: _____ Counselor: _____

GRADUATION REQUIREMENTS				YEAR 1	(9) FRESHMAN	CREDITs
SUBJECT	ACADEMIC CREDITS <input type="checkbox"/>	HONORS DIPLOMA <input type="checkbox"/>	CAREER & TECH <input type="checkbox"/>	ACTIVITIES:	English	
English	4.0	4.0	4.0		Math	
Math*	3.0	4.0	3.0		Science	
Science	3.0	3.0	2.0	WORK:	Soc Studies	
Math*	3.0	4.0	3.0			
Science	3.0	3.0	2.0			
Social Science	3.0	3.0	2.0	SERVICE PROJECTS:		
PE	0.5	0.5	0.5			
Health	0.5	0.5	0.5			
Electives	9.0	8.0	11.0			
Foreign Language	--	2.0	--			
Fine Arts	--	1.0	--			
TOTAL:	23.0	26.0	23.0		TOTAL:	
*MATH must include Algebra 2 or Upper Level Choice				YEAR 2	(10) SOPHOMORE	CREDITs
REVERSE ENGINEERED PLAN:				ACTIVITIES:	English	
1. CAREER / GOAL:					Math	
				WORK:	Science	
					Soc Studies	
				SERVICE PROJECTS:		
2. POST SECONDARY TRAINING: (college, apprenticeship)						
					TOTAL:	
3. HIGH SCHOOL COMPETENCY:				YEAR 3	(11) JUNIOR	CREDITs
ACCUPLACER				ACTIVITIES:	English	
ADVANCED PLACEMENT					Math	
ASVAB				WORK:	Science	
ACT					Soc Studies	
CONCURRENT ENROLLMENT						
INDUSTRY CERTIFICATE				SERVICE PROJECTS:		
SAT						
DISTRICT ACCOMODATION						
					TOTAL:	
4. HIGH SCHOOL ELECTIVES:				YEAR 4	(12) SENIOR	CREDITs
				ACTIVITIES:	English	
					Math	
				WORK:	Science	
					Soc Studies	
				SERVICE PROJECTS:		
Electives should align to above					TOTAL:	

