COURSE DESCRIPTION GUIDE 2021 - 2022

Montezuma-Cortez High School

FINAL 2/18/21

Welcome to the 2021 – 2022 Montezuma-Cortez High School ***Course Description Guide***. The purpose of this guide is to provide a comprehensive overview of the curriculum that we offer. The curriculum at M-CHS reflects the quality and standards established at the district level and allows for the unique needs of our school and our community. This guide is intended to help both students and parents choose the best course offerings for the students' future career choice. The M-CHS Panther Tracks booklet offers additional assistance in choosing the correct classes. If further assistance is needed, counselors and/or student advisors are always available to provide help.

Montezuma-Cortez RE-1 School District is committed to ensuring all our students graduate with the knowledge and skills they need to be successful in college and career. MCSD recently adopted a three-year strategic plan with key goals focused on achieving Academic Excellence, Building a Team of Effective Educators, Inspiring Community Support, and Student-Centered Budgeting.

M-CHS recognizes and celebrates the unique dreams of our students. We understand there is not a single formula for success. We are committed to providing multiple opportunities for students to prepare for their futures. Besides the required core classes for graduation, we provide elective options in core subjects, Career and Technical Education (CTE) courses, Advanced Placement (AP) classes, and concurrent enrollment opportunities. We are committed to ensuring all students graduate ready for college and career.

MCHS Graduate Profile

With these foundations . . .		
Academic Knowledge Self-Advocacy Critical Thinking Self-Assurance Initiative		
A M-CHS graduate is . . .		
Connected	**Professional**	**Future-Oriented**
✓ Community & Culturally-Centered ✓ Understanding of Diverse Perspectives ✓ Collaborative ✓ Empathetic ✓ Communicative	✓ Resilient ✓ Perseverant ✓ Demonstrating Integrity ✓ Dependable ✓ Reliable	✓ Inquisitive ✓ Innovative ✓ A Life-Long Learner ✓ Adaptable ✓ A Leader

Prepare, Graduate, Transition, and Succeed!

Montezuma-Cortez High School
418 South Sligo Street
Cortez, CO 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

Contents

SECTION	PAGE
Graduation Requirements	4
Graduation Competency Requirement Options	5-6
COURSES	
Agriculture Education	7-8
Art / Visual Arts	9-10
Building Trades	11
Business / Information Technology	12
Drama & Theatre	13
English	14-15
Exceptional Student Services	16-18
Family Consumer Sciences	19
Healthcare, Emergency & Fire Management Services	20-21
Mathematics	21-24
Music	24-25
Physical Education	26
Science	27-28
Social Studies	29-30
World Languages	30-31
Other Elective Opportunities	31-32
M-CHS Concurrent Enrollment Guidelines	
Concurrent Enrollment Courses offered on PCC Campus	33
ADDITIONAL INFORMATION	
Colorado Higher Education Requirements	34
NCAA Eligibility Center Quick Reference Guide	35-36
M-CHS Career / Academic Plan Sheet	37

For more information about academic awards such as valedictorian criteria, honor roll, and academic letters, please consult the Montezuma-Cortez High School Student - Parent Handbook.

For Additional Information…

Check out the blue hyperlinks, or use your phone to scan the QR code for additional information about select course offerings.

Don't have a smartphone? Visit https://tinyurl.com/MCHSclasses for a full list of our course videos.

Graduation Requirements

MONTEZUMA-CORTEZ HIGH SCHOOL
DIPLOMA OPTIONS

SCAN ME HONORS DIPLOMA	STANDARD DIPLOMA	CAREER & TECHNICAL DIPLOMA
English: 4 credits	**English:** 4 credits	**English:** 4 credits
Math: 4 credits Algebra I Geometry Algebra II Math Elective	**Math:** 3 credits Algebra I Geometry Algebra II	**Math:** 3 credits Algebra I Geometry Math Elective
Social Studies: 3 credits Social Studies Elective US History American Government	**Social Studies:** 3 credits Social Studies Elective US History American Government	**Social Studies:** 2 credits US History American Government
Science: 3 credits Physical Science Biology Science Elective	**Science:** 3 credits Physical Science Biology Science Elective	**Science:** 2 credits Physical Science Biology
Physical Education: 0.5 credits	**Physical Education:** 0.5 credits	**Physical Education:** 0.5 credits
Health: 0.5 credits	**Health:** 0.5 credits	**Health:** 0.5 credits
Fine Art: 1 credit Music, Art, Drama	**Electives:** 9 credits	**Electives:** 11 credits
Foreign Language: 2 credits		
Electives: 6 credits		
24 credits	***23 credits***	***23 credits***
* Must complete 3 Advanced Pathways		* Must complete 2 Elective Pathways
* Must demonstrate College and Career Readiness *(see Graduation Competency Requirement Options)*	* Must demonstrate College and Career Readiness *(see Graduation Competency Requirement Options)*	* Must demonstrate College and Career Readiness *(see Graduation Competency Requirement Options)*

MONTEZUMA-CORTEZ HIGH SCHOOL
GRADUATION COMPETENCY REQUIREMENT OPTIONS

Students are required to demonstrate *College and Career Readiness* in one or more of the following options for both English and Math as well as obtain the appropriate number of credits to graduate with an M-CHS Diploma.

The goal is to assure students are able to complete a more seamless transition to life after high school.

Accuplacer

English	*Math*
62 on Reading Comprehension or 70 on Sentence Skills	61 on Elementary Algebra

Accuplacer is a computerized test that assess reading, writing, math, and computer skills.

ICAP Requirements: Completed FAFSA, Completed College Application

Accuplacer – Next Generation

English	*Math*
241 on Reading or 236 on Writing	255 on Arithmetic (AR) or 230 on Quantitative Reasoning, Algebra and Statistics (QAS)

Next Generation Accuplacer is a computerized test that assess reading, writing, math, and computer skills.

ICAP Requirements: Completed FAFSA, Completed College Application

ACT

English	*Math*
Scale Score of 18 in English	Scale Score of 19 in Mathematics

ACT is a national college admission exam. It measures four subjects – English, reading, math and science. The highest score is 36.

ICAP Requirements: Completed FAFSA, Completed College Application

ACT WorkKeys Assessment

English	*Math*
Score of at least level 3 in Workplace Documents	Score of at least level 3 in Applied Math

ACT WorkKeys assessments measure foundational skills required for success in the workplace and help measure the workplace skills that can affect job performance.

ICAP Requirements: Completed Job Application, Resume

Advanced Placement (AP) Exam

English	*Math*
2 in AP Language and Composition or AP Literature and Composition	2 in AP Calculus, AP Statistics or AP Computer Science

AP exams test students' ability to perform at a college level. Scores range from 1 to 5 (highest).

ICAP Requirements: Completed FAFSA, Completed College Application

Armed Services Vocational Aptitude Battery (ASVAB)

English	*Math*
31 on the AFQT	31 on the AFQT

The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine students' eligibility and suitability for careers in the military. Students who score at least 31 are eligible for service (along with other standards).

ICAP: Completed Armed Services Application

Concurrent Enrollment	
English	*Math*
Passing with a C or higher in PCC English 121, PCC English 122, PCC Introduction to Literature 1, or equivalent college English course	Passing with a C or higher in PCC Introduction to Statistics, PCC College Algebra, PCC College Trigonometry, PCC Personal Mathematics, or equivalent college Math course
Concurrent enrollment provides students the opportunity to enroll in postsecondary courses while simultaneously earning high school and college credit. ICAP Requirements: Completed FAFSA, Completed College Application	
INDUSTRY CERTIFICATE	
English	*Math*
Individualized	Individualized
An industry certificate is a credential recognized by business and industry. Industry certificates measure a student's competency in an occupation, and they validate a knowledge base and skills that show mastery in a particular industry. This decision will fall upon a school team. ICAP Requirements: Completed Job Application, Resume	
SAT	
English	*Math*
470 in EBRW score	500 in Math score
SAT is a national college entrance exam. It includes sections on reading, writing, and math. The highest score is 800 per section. ICAP Requirements: Completed FAFSA, Completed College Application	
DISTRICT ACCOMODATIONS	
English	*Math*
Individualized	Individualized
The school district reserves the right to accommodate students that qualify under an individualized plan. This decision will fall upon a school team. ICAP Requirements: Based on Individual Student	

AGRICULTURE

Students will develop and initiate a supervised agricultural experience program of their choice in either entrepreneurship, placement, or foundational agricultural activities. 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. ***FEES MAY BE EARNED BY FUNDRAISING THRU THE FFA.***

	Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Animal Science Pathway	Introduction to Agriculture	Principles of Animal Science	Animal Production	Adv Animal Science Intermediate Veterinary Science
Ag Mechanic Pathway	Introduction to Agriculture	Principles of Ag Mechanics	Adv Welding & Structures	Adv Mechanics

SCAN ME

AG105 INTRODUCTION to AGRICULTURE | Credit: 1 Elective

Grade: 9 – 12 **Fees:** $55
Prerequisite: Shop fee & Protective clothing **Foundations/Summer School:** No

An introductory course for first year agricultural education students. This course introduces students to the foundational principles of agriculture, food, and natural resources. Students will gain knowledge in career development, leadership, personal development, communications, animal science, plant science, natural resources, food science, power/structure and agribusiness. Agricultural mechanics will include basic shop safety, basic welding, and basic use of power tools. Students will also complete a carpentry project to show mastery in the wood shop. Students will develop a Supervised Agricultural Experience (SAE) which will allow them to gain career experience outside of the classroom and improve record keeping skills. All students will be highly encouraged to participate in FFA activities in order to win awards and be eligible for scholarships.

SCAN ME

AG205 PRINCIPLES of AG MECHANICS | Credit: 1 Elective

Grade: 10 – 12 **Fees:** $55
Prerequisite: Introduction to Agriculture **Foundations/Summer School:** No

An introductory course educating students to the basic skills and knowledge in construction and land management. This course covers topics including safety, project management, land site management, irrigation and drainage, and agriculture structures and components. Upon completion of this course, proficient students will be prepared for more advanced coursework in agricultural mechanics. Students will continue to build on their SAE projects and can gain additional skills through the National FFA Organization.

SCAN ME

AG206 PRINCIPLES OF ANIMAL SCIENCE | Credit: 1 Elective

Grade: 10 – 12 **Fees:** $55
Prerequisite: Introduction to Agriculture **Foundations/Summer School:** No

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

SCAN ME

AG309 ANIMAL PRODUCTION | Credit: 1 Elective

Grade: 11 – 12 **Fees:** $35
Prerequisite: Principles of Animal Science **Foundations/Summer School:** No

Students will gain knowledge, skill and understanding in a variety of systems of production as well as the care, management and handling of livestock and companion animal species. Nutrients and nutrition, types of feeds, balancing rations, herd health management, common diseases, parasites, disease treatment and prevention, reproductive management, routine administration techniques and basic animal handling will be the topics covered in this course. This will be followed by animal behavior and handling techniques, biotechnology and animal genetics, small animal production/management, exotic/alternative livestock production and management, poultry production, aquaculture production and integrated resource management in Semester 2. Current animal agricultural issues will be researched and addressed. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences will be included. Students will continue work in SAE and FFA.

SCAN ME

AG310 ADVANCED WELDING & STRUCTURES | Credit: 1 Elective

Grade: 11 – 12 **Fees:** $75
Prerequisite: Principles of Ag Mechanics **Foundations/Summer School:** No

Advanced Welding Technology is an advanced course educating students in the advanced skills and knowledge in metal fabrication. Students will build on the skills and competencies presented in prerequisite courses. Students will learn cutting and welding applications of increasing complexity used in the manufacturing/metal fabrication industry. Students will be proficient in fundamental safety practices in welding, general industry-based metal fabrication skills, multiple welding processes, project management, quality control methods and further advanced welding/metal fabrication technology and processes. Students will gain knowledge and skills needed to enter the workforce or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, reading/creating construction drawings, tool ID and usage, building material ID and usage, building codes, and framing. Students will continue work in SAE and FFA.

SCAN ME

AG406 ADVANCED ANIMAL SCIENCE | Credit: 1 Elective

Grade: 12 **Fees:** $25
Prerequisite: Animal Production **Foundations/Summer School:** No

In Semester 1, students will take an online course offered by Northeastern Junior College (NJC). This course is titled ANCS 100 and allows the students to gain college credits in animal science. These credits can then be transferred to other colleges and universities. In Semester 2, students will use the knowledge, skill and understanding gained in the previous animal science courses in this project-based course which may include internships, portfolio and project development, research and development of hypotheses, industry standard career readiness skill demonstration and certification opportunities. Current animal agricultural issues will be researched and addressed. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences will be included. Students will continue work in SAE and FFA. Students will also have the opportunity to receive college credits through PCC Semester 2.

SCAN ME

AG409 ADVANCED MECHANICS | Credit: 1 Elective

Grade: 12 **Fees:** $75
Prerequisite: Adv. Welding & Structures **Foundations/Summer School:** No

In Semester 1, students will utilize skills and tools practiced in prior years to design and create customized projects from metal.
In Semester 2, students will acquire knowledge and basic skills in electrical and plumbing technologies including how to identify and use power and hand tools; how to be safe on the jobsite and when using hand and power tools. Plumbing skills will include how to identify, fit, and use industry relevant plumbing pipe materials such as copper, PVC, poly, etc. Plumbing system design and troubleshooting will also be addressed. In addition, students will be introduced to gas, drainage, and water supply systems and continue their knowledge of workplace basics and green technologies. Skills in the electrical area include electrical theory, tool identification and use, electrical codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications. Students will also work on personal projects designed by themselves. Students will continue work in SAE and FFA.

AG408 INTERMEDIATE VETERINARY SCIENCE | Credit: 1 Elective

Grade: 12 **Fees:** $35
Prerequisite: Animal Production **Foundations/Summer School:** No

Students will develop knowledge, skill and understanding in the biological processes and physiological systems found in livestock and companion animal species pertaining to Animals & Society, Animals in Research, Veterinary Laws & Ethics, Common Veterinary Medical Equipment, Veterinary Medical Terms & Terminology, Basic Canine & Feline Anatomy, External Anatomy of Livestock: Terms & Terminology, Circulatory & Respiratory Systems, Digestive System, Endocrine, Immune & Integumentary Systems, Nervous, Skeletal & Muscular Systems. Followed by, Animal Behavior, Veterinary Medical Practices: Animal Handling & Identification, Vital Signs, Blood Samples, Injections, Clinical Examinations, Laboratory Procedures, Pharmacology & Mathematical Applications in Veterinary Science in Semester 2. Current animal agricultural issues will be researched and addressed. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences will be included.

ART / VISUAL ARTS

Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Foundations of Design	Graphic Design & Illustration 1 PCC Drawing 1	AP Art 3 Portfolio Graphic Design & Illustration 2	AP Art 4 Portfolio Graphic Design & Illustration 2
Native Voices / Native Hands	Native voices / Native Hands	Native Voices / Native Hands	Native Voices / Native Hands
	Sculpture / Jewelry	Sculpture / Jewelry	Sculpture / Jewelry
		Commercial Photography PCC Digital Photography	Commercial Photography PCC Digital Photography

SCAN ME

AR104 FOUNDATIONS OF DESIGN | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $20 Art Supplies
Prerequisite: None **Foundations/Summer School:** No

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.

AR105 NATIVE VOICES / NATIVE HANDS | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $20 Art Supplies
Prerequisite: None **Foundations/Summer School:** No

Native Voices / Native Hands will explore the music, art, writing and culture of indigenous peoples through creative hands-on activities merged with modern technology. A variety of songs, essays, images, technical applications and movies will be discussed. Multiple projects will be created individually and in groups using a variety of traditional and contemporary materials and media including Adobe products, and 3D printing. This course may be repeated for continuation and elective credit.

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.

AR206 GRAPHIC DESIGN & ILLUSTRATION 1 | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $20 Art Fee
Prerequisite: Foundations of Design **Foundations/Summer School:** No

*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 craftmanship. The class prepares students for Art 3 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.*

PC616 PCC DRAWING 1 | Credit: 1 Elective + 3 PCC

ART121, Investigates the various approaches and media that students need to develop drawing skills and visual perception. Students in PCC classes must earn a 70% to gain PCC credit.

AR103 SCULPTURE / JEWELRY | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $30 Art Supplies
Prerequisite: Foundations of Design or Instructor Approval **Foundations/Summer School:** No

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 CREDEIT 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.

AR207 COMMERCIAL PHOTOGRAPHY | Credit: 1 Elective

Grades: 11 – 12 **Fees:** $30 Art Fee

Prerequisite: 11 & 12 Only (1 year of art class or Instructor Approval) **Foundations/Summer School:** No

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.

PC138 PCC DIGITAL PHOTOGRAPHY 1 | Credit: 1 Elective + 3 PCC

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. Students in PCC classes must earn a 70% to gain PCC credit..

AR300 GRAPHIC DESIGN & ILLUSTRATION 2 | Credit: 1 Elective

Grades: 11 – 12 **Fees:** $20 Art Fee

Prerequisite: Graphic Design & Illustration 1 **Foundations/Summer School:** No

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)

AR302 AP ART 3 PORTFOLIO | Credit: 1 Elective

Grades: 11 – 12 Only **Fees:** $20 Art Fee

Prerequisite: Graphic Design & Illustration 1 **Foundations/Summer School:** No

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.*

AR303 AP ART 4 PORTFOLIO | Credit: 1 Elective

Grades: 11 – 12 Only **Fees:** $20 Art Fee

Prerequisite: AP Art 3 Portfolio or Instructor Approval **Foundations/Summer School:** No

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.

BUILDING TRADES

Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Foundations of Design (Art)	Woodworking Technology	Construction Technology 1	Construction Systems 1

SCAN ME

BT101 WOODWORKING TECHNOLOGY | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $30 Shop Fee each semester
Prerequisite: Foundation of Design **Foundations/Summer School:** No

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

SCAN ME

BT201 CONSTRUCTION TECHNOLOGY 1 | Credit: 1 Elective

Grades: 11 – 12 **Fees:** $55 ($25 OSHA 10 Certificate; $20 SkillsUSA affiliation; $10 Shop fee)
Prerequisite: Woodworking Technology **Foundations/Summer School:** No

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

SCAN ME

BT301 CONSTRUCTION SYSTEMS 1 | Credit: 1 Elective

Grades: 12 ONLY **Fees:** $55 ($20 for SkillsUSA affiliation; $35 Shop fee)
Prerequisite: Construction Technology 1 **Foundations/Summer School:** No

Students in this class will learn about various facets of construction in both a classroom and hands-on setting. This program of study is intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in the earlier phases of building construction, including site layout, foundation systems, concrete, framing systems, and electrical systems.

BUSINESS / INFORMATION TECHNOLOGY

	Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Business	Intro to Business	Principles of Marketing	Business Communications	Internship Entrepreneurship Statistics (math)
Coding / Web Design	Intro to PC Application / Computer Science Discoveries	AP Computer Science Principles	Web Design	Work-Based Learning: Coding

SCAN ME

BU402 INTRO TO BUSINESS | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $5
Prerequisite: None **Foundations/Summer School:** No

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

BU403 PRINCIPLES OF MARKETING | Credit: 1 Elective

Grades: 10 – 12 (except for 2021-2022) **Fees:** $5
Prerequisite: Intro to Business **Foundations/Summer School:** No

Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.

BU405 BUSINESS COMMUNICATIONS | Credit: 1 Elective

Grades: 10 – 12 (except for 2021-2022) **Fees:** $5
Prerequisite: Principles of Marketing **Foundations/Summer School:** No

Emphasizes effective business writing and cover letters, memoranda, reports, application letters, and resumes. This course includes the fundamentals of business communication and an introduction to international communication. Students will be able to take the High School of Business certification exam or the Entrepreneurship and Small Business (ESB) Certification after completion of BU402, BU403, and BU405.

SCAN ME

CS102 INTRO TO PC APPLICATIONS / COMPUTER SCIENCE DISCOVERIES | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $5
Prerequisite: None (Moderate math background recommended) **Foundations/Summer School:** No

This is an introductory computer science course. This course introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. The curriculum emphasizes problem-solving, creation, and collaboration, while introducing students to the many ways computer science impacts their lives.

SCAN ME

CS103 AP COMPUTER SCIENCE PRINCIPLES | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $5
Prerequisite: Intro to PC Applications / CS Discoveries or Instructor Approval **Foundations/Summer School:** No

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. Students will conceive and implement digital projects, utilizing some of the same processes that programmers, engineers, and designers use to bring their ideas to life. This course focuses on seven big ideas (creativity, abstraction, data and information, algorithms, programming, the internet, and global impact). Upon completion of this course, students will be prepared to take the AP Computer Science Principles certification exam.

CS201 WEB DESIGN | Credit: 1 Elective

Grades: 11 – 12 Offered in 2021-2022 **Fees:** $5
Prerequisite: AP Computer Science Principles **Foundations/Summer School:** No

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. This course introduces web site planning, design and creation utilizing HTML through industry-standard development tools. Emphasis is placed on applying stylistic decisions using cascading style sheets. Web-based considerations regarding color, typography, aesthetics, user interface design, and process integration with visual-based design tools will be explored.

DRAMA & THEATRE

Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Foundations of Design (Art)	Introduction to Theatre / Technical Theater	Film Making Stage Production Management	Work-Based Learning: Production and Managerial Arts

DA100 INTRODUCTION TO THEATRE / TECHNICAL THEATRE | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

Students will be introduced to the various aspects of theatre study and the performing arts and the basics of technical design and construction for the stage. 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. Students will also explore the elements and principles of 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.

DA207 STAGE PRODUCTION MANAGEMENT | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $0
Prerequisite: Intro to Theatre/Technical Theatre or Instructor Approval **Foundations/Summer School:** No

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 often driven by the fall and spring productions.

DA204 FILM MAKING | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

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.

DA208 WORK-BASED LEARNING: PRODUCTION & MANAGERIAL ARTS | Credit: 0.5 Elective (per production)

Grades: 9 – 12 **Fees:** $0
Prerequisite: Attending auditions for each show **Foundations/Summer School:** No

Students who participate in the fall or spring productions as either actors or technicians will be enrolled in this course. Students will learn the art and science of putting together a theatrical production through hands-on experience. Students participate as working members of the various crews, learning the ins and outs of stage production, from lights and sound, to set construction and stage management, to acting and singing. Interested participants should attend auditions for each show, and they will be enrolled upon accepting their role.

ENGLISH

Montezuma-Cortez High School requires four (4) credits of English to graduate for all diplomas. To gain credit for each course, students must earn a final classroom grade of at least 66% and have a complete and proficient Writing Portfolio at a 70% level. Students in PCC classes must earn a 70% to gain PCC credit.

	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 Composition 201

EN090 ENGLISH FOUNDATIONS | Credit: 0.5 Elective/semester + 0.5 English Recovery/upon completion

Grades: 9 – 12

Students will be placed on individualized plans based on their performance in previous English classes in which they did not earn credit. The course offers students the opportunity to recover credit and simultaneously earn Elective credit. Depending on individual need, students may transition to other departments for credit recovery once they completed required work in English.

EN108 ENGLISH 1 | Credit: 1 English

Grade: 9 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** Yes

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.

EN109 ADVANCED ENGLISH 1 | Credit: 1 English

Grade: 9 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** Yes, as English 1

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.

EN208 ENGLISH 2 | Credit: 1 English

Grade: 10 **Fees:** $0

Prerequisite: English 1 or Adv English 1 **Foundations/Summer School:** Yes

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 basic genres of written expression is required. In the second half of the course students will be exposed to a survey of 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.

EN209 ADVANCED ENGLISH 2 | Credit: 1 English

Grade: 10 **Fees:** $0

Prerequisite: Adv English 1 or Instructor Approval **Foundations/Summer School:** Yes, as English 2

This class is designed for students who want to prepare for the challenges of Advanced Placement classes and college level writing. The course requires substantial reading and writing outside of class. Students will read a variety of authors and genres, with writing assignments that emphasize analysis of literary features and knowledge of English grammar to improve written expression of ideas. Vocabulary instruction, based on the study of Greek and Latin roots, includes the effective use of reference materials. Assigned summer readings and a completed writing portfolio are course requirements.

EN307 ENGLISH 3 | Credit: 1 English

Grade: 11 **Fees:** $0

Prerequisite: English 2 **Foundations/Summer School:** Yes

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.

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.

EN305 AP ENGLISH 3: Advanced Placement English Language & Comp | Credit: 1 English

Grade: 11 **Fees:** $0

Prerequisite: Advanced English 2 or Instructor approval **Foundations/Summer School:** Yes, as English 3

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. Students are required to complete assigned summer reading.

PC301 PCC ENGLISH 121 / PCC ENGLISH 122 | Credit: 1 English + 6PCC

ENG 121 ENGLISH COMPOSITION I: GT-CO1 3 CR

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

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*

EN406 ENGLISH 4 | Credit: 1 English

Grade: 12 **Fees:** $0

Prerequisite: English 3 **Foundations/Summer School:** Yes

This course is a survey of 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 and persuasive – 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.

EN405 AP ENGLISH 4: Advanced Placement English Literature & Comp | Credit: 1 English

Grade: 12 **Fees:** $0

Prerequisite: AP English 3 or Instructor approval **Foundations/Summer School:** Yes, as English 4

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. Students are required to complete assigned summer reading.

PC400 AP ENGLISH 4 /PCC COMPOSITION 201 | Credit: 1 English + 3PCC

Prerequisite: *PCC COMPOSTION 122*

Advanced Placement Literature and Composition / PCC Composition 201 is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts such as character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works; as well as (English 201 Composition II) focusing on advanced research, argumentation and proficiency in redefined scholarly writing.

EXCEPTIONAL STUDENT SERVICES

MC400 MATH 1 | Credit: 1 Math

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

Math 1 provides review and repetition in basic math skills such as addition and subtraction, counting money, making change, use of a calculator, time, including reading a clock and passage of time. Math 1 covers these topics at a student's pace with conceptual understanding and practical application. To place students, we will use assessed math scores and other measures of progress monitoring.

MC403 MATH 2 | Credit: 1 Math

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

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 Illuminate / Fast Bridge math scores and other measures of progress monitoring.

MC445 ACE FINANCIAL LITERACY | Credit: 1 Math

Grades: 9 – 12 **Fees:** $0
Prerequisite: Must be part of student's Technical Diploma & ICAP **Foundations/Summer School:** No

This course focuses on personal financial literacy and is designed for students to learn and practice financial literacy, decision making, and management skills for their personal and professional lives. Students will create and modify budgets, practice basic banking activities, explore online banking and compare and contrast several types of financial institutions. Topics explored in this class include: renting vs owning, mortgage calculators, new car vs used car purchase, how to get a car loan, financial calculator use, understanding payroll deductions and benefits, income tax and filing taxes, and comparing insurance possibilities. Students will examine the many ways to invest money and participate in simulations involving investing.

MC406 READING 2 | Credit: 1 English

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

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 Assessment scores and other measures of progress monitoring.

MC407 WRITING | Credit: 1 English

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

This course is designed to further the writing skills of students. Students will learn a better understanding of how writing communicates a message, organize writing to create a draft document, 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.

MC427 SPEECH | Credit: 1 English

Grades: 10 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

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.

MC438 ADAPTIVE MOTOR SKILLS | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

*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.*

MC402 FUNCTIONAL MATH | Credit: 0.5 Math

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

*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.*

MC415 FUNCTIONAL READING | Credit: 0.5 English

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

*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.*

MC416 FUNCTIONAL SCIENCE | Credit: 1 Science

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

*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 COALT and Illuminate / Fast Bridge scores and other measures of progress monitoring.*

MC417 FUNCTIONAL INDEPENDENT STUDY | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

*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 COALT, and Illuminate / Fast Bridge scores and other measures of progress monitoring.*

MC110 BASIC SCIENCE | Credit: 1 Science

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

During the year we cover: Earth Science, Physical Science, and Chemistry. The class is slower paced for students at a reading level of 4^{th} – 5^{th} grade. Once students have completed this class, they should have a basic understanding of Earth, Physical and Chemistry as a background for general education science classes necessary to complete graduation requirements for a Technical Diploma.

MC111 BASIC LITERATURE | Credit: 1 English

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

This class is designed for students reading at the 4^{th} – 6^{th} grade level and is slower paced than English 1. Basic Literature will cover vocabulary and reading, using novels and articles. There will be exploration of different types of reading materials and will target comprehension. Student placement is based on PSAT, SAT and other monitoring tools, as well as, case manager recommendation. Class size is limited to 10 students.

MC436 BASIC U.S. HISTORY | Credit: 1 Social Studies

Grades: 9 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

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, Illuminate / Fast Bridge and other measures of progress monitoring.

MC519 ACE CTE SCHOOL WORK BASED LEARNING I | Credit: 1 or 0.5 Elective

Grades: 9 – 12 **Fees:** $0

Prerequisite: Instructor Approval **Foundations/Summer School:** No

This course is designed for students to develop basic employment skills by participating in an in-school work/school based enterprise experience. A student run business, such as Coffee Club & T-shirt Printing, provides hands-on experience, marketing, accounting, and customer service. This also provides experience dealing with co-workers and management.

MC518 ACE CTE COMMUNITY WORK BASED LEARNING II | Credit: 1 or 0.5 Elective

Grades: 11 – 12 **Fees:** $0

Prerequisite: Instructor Approval **Foundations/Summer School:** No

Students in grades 11, 12 earn elective credits through community work-based sites. Students will log hours worked and submit paycheck stub hours to translate into .5 elective credits per semester.

MC517 ACE CTE PATHWAYS LAB | Credit: 0.5 Elective

Grades: 9 – 12 **Fees:** $0

Prerequisite: Must be enrolled in a CTE class **Foundations/Summer School:** No

This course is meant to serve as a support class to ACE students who are also enrolled in a CTE class. The ACE Teacher serves as the learning success coordinator – filling in the gaps of learning that a student may need to succeed in a CTE Sequence of courses.

FAMILY CONSUMER SCIENCES

Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Culinary Essentials 1 & 2	Catering 1	Catering 2	Work-based Learning - FCS

SCAN ME

FC200 CULINARY ESSENTIALS 1 & 2 | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $30
Prerequisite: None **Foundations/Summer School:** No

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 BEFOR REGISTERING.

SCAN ME

FC206 CATERING 1 | Credit: 1 Elective & 2 PCC

Grades: 10 – 12 **Fees:** $50($25ServSafe Certificate;$25FCCLA affiliation)
Prerequisite: Culinary Essentials 1 & 2 **Foundations/Summer School:** No

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

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. Students in PCC classes must earn a 70% to gain PCC credit.

SCAN ME

FC208 CATERING 2 | Credit: 1 Elective

Grades: 11 – 12 **Fees:** $25 (FCCLA affiliation)
Prerequisite: Catering 1 & ServSafe Certified **Foundations/Summer School:** No

These students will be the "executive chefs" of our Panther Chefs catering program. You also must be an FCCLA member.

SCAN ME

FC300 WORK-BASED LEARNING FCS | Credit: 1 Elective

Grades: 11 – 12 **Fees:** $25 (FCCLA affiliation)
Prerequisite: Catering 2 & ServSafe Certified **Foundations/Summer School:** No

These students will be the "executive chefs" of our Panther Chefs catering program. We will also work with local restaurants to get hands-on experience at their business.

FC107 EARLY CHILDHOOD DEVELOPMENT | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

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.

SCAN ME

FC101 FASHION DESIGN | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $20
Prerequisite: None **Foundations/Summer School:** No

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

Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Intro to Health Services & Community Emergency Response Team	Intro to Fire Science PCC EMR	PCC EMR PCC CNA PCC Phlebotomy	PCC EMT PCC CNA PCC Phlebotomy Internship

FR215 INTRODUCTION TO HEALTH SERVICES & Community Emergency Response Team | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $10

Prerequisite: None **Foundations/Summer School:** No

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 TAUGHTCONCURRENTLY. 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.

FR202 INTRO TO FIRE SCIENCE / PRINCIPLES / EMERGENCY SERVICES | Credit: 1 Elective & 9 PCC

Grades: 10 – 12 **Fees:** $10

Prerequisite: Intro to Health Services or Instructor Approval **Foundations/Summer School:** No

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. Students in PCC classes must earn a 70% to gain PCC credit.

PC126 PCC EMERGENCY MEDICAL RESPONDER | Credit: 1 Elective & 3 PCC

Grades: 10 – 12 **Fees:** $30

Prerequisite: Intro to Health Services **Foundations/Summer School:** No

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. Students in PCC classes must earn a 70% to gain PCC credit.

PC125 PCC EMT / Emergency Medical Technician | Credit: 1 Elective & 12 PCC

Grades: 12 **Fees:** $30

Prerequisite: EMR & REA090 or Equivalent Assessment **Foundations/Summer School:** No

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. Students in PCC classes must earn a 70% to gain PCC credit.

PC124 MEDICAL TERMINOLOGY (Online) | Credit: 1 Elective

Grades: 11 – 12 **Fees:** Book Fee *(subject to change)*

Prerequisite: Intro to Health Careers or Instructor Approval **Foundations/Summer School:** No

***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. If taken for concurrent enrollment student must earn a 70% to gain credit.*

PC307 PCC NURSE AIDE (CNA) | Credit: 1 Elective (taken simultaneously) + 6.5 PCC

Grades: 11 – 12 **Fees:** Cost Varies (see grade level counselor)

Prerequisite: Accuplacer Math EA 30-84 or AR 40+, and English SS 50+ **Foundations/Summer School:** No

(PCC 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 102NUA170, & 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.* ***Classes will be held on both M-CHS & PCC Campuses, you will need to provide your own transportation.*** *Students in PCC classes must earn a 70% to gain PCC credit.*

PC308 PCC PHLEBOTOMY | Credit: 1 Elective (taken simultaneously) + 11 PCC

Grades: 11 – 12 **Fees:** Cost Varies (see grade level counselor)

Prerequisite: Accuplacer Math EA 30-84 or AR 40+, and English SS 50+ **Foundations/Summer School:** No

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 you can officially be admitted into the program. ***Classes will be held on both M-CHS & PCC Campuses, you will need to provide your own transportation.*** *Students in PCC classes must earn a 70% to gain PCC credit.*

MATHEMATICS

Montezuma-Cortez High School requires four (4) credits of Math for an Honors Diploma; and three (3) credits for a Standard, and Career &Technical Diploma to graduate. To gain credit for Algebra 1, Geometry, and Algebra 2, students must earn a final classroom grade of at least 66% and pass all four quarter exams. All other Math courses must earn a 66% to gain credit while PCC Math classes must earn a 70% to gain PCC credit.

	Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Career & Tech Level	Essentials of Algebra A/B	Essentials of Algebra C/D	Geometry	Algebra 2
Academic Level	Algebra 1	Geometry	Algebra 2	Pre-Calculus Statistics Personal / Business Math
Honors Level	Advanced Algebra 1 Advanced Geometry	Advanced Geometry Advanced Algebra 2	PCC Pre-Calculus	AP Calculus PCC Statistics

MA096 MATH FOUNDATIONS | Credit: 0.5 Elective/semester + 0.5 Math Recovery/upon completion

Grade: 9 – 12

Students will be placed on individualized plans based on their performance in previous Math classes in which they did not earn credit. The course offers students the opportunity to recover credit and simultaneously earn Elective credit. Depending on individual need, students may transition to other departments for credit recovery once they completed required work in Mathematics.

MA090 ESSENTIALS OF ALGEBRA A/B | Credit: 1 Elective

Grade: 9 **Fees:** $0

Prerequisite: Incoming 9th Graders below grade level **Foundations/Summer School:** No

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, graphing, language and applications of algebra. Students will continue to develop their understanding of real numbers and their properties to introduce Algebra I concepts. The topics of Algebra I will begin to be addressed in this course at a slower pace with the remaining Algebra I requirements to be addressed in the sister course, Essentials of Algebra C/D. Students who do not pass this course will be placed in Algebra 1 the following year.

MA091 ESSENTIALS OF ALGEBRA C/D | Credit: 1 Math

Grade: 10 **Fees:** $0

Prerequisite: Successful completion of Essentials of Algebra A/B **Foundations/Summer School:** Yes, as Algebra 1

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, Essentials of Algebra A/B. 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 Essentials of Algebra A/B & C/D will complete the student's graduation requirement of Algebra I.

MA101 ALGEBRA 1 | Credit: 1 Math

Grade: 9 – 10 **Fees:** $0

Prerequisite: 9th graders at grade level **Foundations/Summer School:** Yes

This course meets the Colorado Academic Standards for 9th grade. 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.

MA109 ADVANCED ALGEBRA 1 | Credit: 1 Math

Grade: 9 – 10 **Fees:** $0

Prerequisite: 9th graders at grade level **Foundations/Summer School:** Yes, as Algebra 1

This course will be taken as an alternative to Algebra I (not in addition to) and will count as an Algebra I credit. This course meets the Colorado Academic Standards for 9th grade. There is open enrollment for any advanced math courses. 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 function, 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. This course varies from the regular Algebra 1 course in pacing and depth of knowledge.

MA201 GEOMETRY | Credit: 1 Math

Grade: 9 – 10 **Fees:** $0

Prerequisite: Algebra 1 or Advanced Algebra 1 **Foundations/Summer School:** Yes

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.

MA210 VOCATIONAL GEOMETRY | Credit: 1 Math

Grade: 10 – 11 **Fees:** $0

Prerequisite: Algebra 1 or Advanced Algebra 1 **Foundations/Summer School:** Yes, as Geometry

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 Academic Standards for 10th grade. Students will develop their problem-solving skills as they discover the applications of geometry concepts like congruence, similarity, transformations, and symmetry in vocational type careers. Students will also develop an understanding of basic trigonometry functions and how they apply to right triangles and vectors.

MA207 ADVANCED GEOMETRY | Credit: 1 Math

Grade: 9 – 10 **Fees:** $0

Prerequisite: Algebra 1 or Advanced Algebra 1 **Foundations/Summer School:** Yes, as Geometry

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, and Calculus and is recommended for students planning to take those courses.

MA401 ALGEBRA 2 | Credit: 1 Math

Grade: 10 – 11 **Fees:** $0

Prerequisite: Geometry or Advanced Geometry **Foundations/Summer School:** Yes

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.

MA206 ADVANCED ALGEBRA 2 | Credit: 1 Math

Grade: 10 – 11 **Fees:** $0

Prerequisite: Geometry or Advanced Geometry **Foundations/Summer School:** Yes, as Algebra 2

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 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.

SCAN ME

MA408 STATISTICS | Credit: 1 Math

Grades: 11 – 12 **Fees:** $10

Prerequisite: Algebra 2 or Advanced Algebra 2 **Foundations/Summer School:** No

This course meets the Colorado Academic Standards for Statistics. It introduces students to the major concepts and tools for collecting, displaying, summarizing, analyzing, and drawing conclusions from data. This will include data exploration, sampling and experimentation, anticipating patterns and statistical inference. Students will describe patterns, explore random phenomena using probability concepts, distributions, and simulations; estimate and compare population parameters; investigate correlation and regression, and test hypotheses. Students will use technology, investigations, problem solving, and writing as they build conceptual understanding of statistical properties. This course has a weighted grade.

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 AND GOOD ATTENDANCE. STUDENTS WHO RECEIVE COLLEGE CREDIT WILL RECEIVE THE 3 PCC CREDIT FOR THIS COURSE.

PC135 PCC INTRODUCTION TO STATISTICS MAT135 | Credit: 1 Math + 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 course is one of the Statewide Guaranteed Transfer Courses.

SCAN ME

MA413 PRE-CALCULUS | Credit: 1 Math

Grades: 11 – 12 **Fees:** $10

Prerequisite: Algebra 2 or Advanced Algebra 2 **Foundations/Summer School:** No

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. Advanced Algebra 2 and Advanced Geometry are recommended prerequisites for this course but are not required. This course has a weighted grade.

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 AND GOOD ATTENDANCE. STUDENTS WHO RECEIVE COLLEGE CREDIT WILL RECEIVE THE 3 PCC CREDIT FOR THIS COURSE.

PC107 PCC COLLEGE ALGEBRA MAT121 | Credit: 1 Math + 4 PCC

Prerequisites: ACCUPLACER score of EA 85+ (elementary algebra), ACT math 23+, SAT math 570+, 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 course is one of the Statewide Guaranteed Transfer Courses.

PC320 PCC COLLEGE TRIGONOMETRY MAT122 | Credit: 1 Math + 3 PCC

Prerequisites: ACCUPLACER score of CLM 63+ (elementary algebra), ACT math 24+, SAT math 590+, 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 course is one of the Statewide Guaranteed Transfer Courses.

SCAN ME

MA406 CALCULUS AB | Credit: 1 Math

MA412 AP CALCULUS AB | Credit: 1 Math

Grade: 12 **Fees:** $10

Prerequisite: Pre-Calculus **Foundations/Summer School:** No

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. This course has a weighted grade.*

SCAN ME

MA515 PERSONAL / BUSINESS MATHEMATICS | Credit: 1 Math

Grade: 11 – 12 **Fees:** $0

Prerequisite: Algebra 2 or Advanced Algebra 2 **Foundations/Summer School:** No

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. Topics include banking, interest, amortization, annuities, investment, insurance, taxes, and pricing. They will also learn to apply knowledge of computer and calculator use. This course has a weighted grade.

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 AND GOOD ATTENDANCE. STUDENTS WHO RECEIVE COLLEGE CREDIT WILL RECEIVE THE 3 PCC CREDIT FOR THIS COURSE.

PC626 PCC PERSONAL / BUSINESS MATHEMATICS MAT112 | Credit: 1 Math + 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.

MUSIC

	Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Music Major Pathway	Jazz Band	Jazz Band Piano	Jazz Band Guitar Choir	Jazz Band Music Theory Choir

SCAN ME

MU100 ADVANCED BAND | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $60 Athletic Fee *Subject to change

Prerequisite: Audition or Director Approval **Foundations/Summer School:** No

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.

MU109 CONCERT INTERMEDIATE BAND | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $10

Prerequisite: Prior instrumental experience is required **Foundations/Summer School:** No

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.

SCAN ME

MU105 COLOR GUARD S1 | Credit: 0.5 Elective / 1st Semester Only

Grades: 9 – 12 **Fees:** $60 Athletic Fee *Subject to change

Prerequisite: Audition Only **Foundations/Summer School:** No

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. Students must remain academically eligible in order to perform with this ensemble.

MU111 PERCUSSION ENSEMBLE | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** No

Students only need to purchase a pair of drumsticks. Any Brand, Size 2B. Open to all percussionists. No prior experience required.

MU103 JAZZ ENSEMBLE | Credit: 0.5 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: Audition Only & Director Approval **Foundations/Summer School:** No

Jazz Ensemble I (By Audition Only to any student in Advanced Band). 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 BE A PART OF THIS GROUP.

SCAN ME

MU113 INTRODUCTION TO GUITAR | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $10 (students must provide their own guitar)
Prerequisite: None **Foundations/Summer School:** No

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.

SCAN ME

MU301 CHAMBER CHOIR | Credit: 1 Elective

Grades: 9 – 12 **Fees:** Required to purchase: dress $70-75 / tuxedo $120
Prerequisite: Audition Only & Director Approval **Foundations/Summer School:** No

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.

SCAN ME

MU302 CONCERT CHOIR | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

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.

SCAN ME

MU206 PIANO CLASS | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

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.

SCAN ME

MU106 MUSIC THEORY | Credit: 1 Elective

Grades: 9 – 12 ***Offered odd years 2021, 2023*** **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

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.

PHYSICAL EDUCATION

SCAN ME

PE101 WEIGHT TRAINING 1 | Credit: .5 PE

Grades: 9 – 12 **Fees:** $5
Prerequisite: None **Foundations/Summer School:** No

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

SCAN ME

PE106 WEIGHT TRAINING 2 | Credit: 1 PE

Grades: 10 – 12 **Fees:** $5
Prerequisite: Weight Training 1 **Foundations/Summer School:** No

This class will focus on advanced weight training techniques and principles, development of muscular strength and muscular endurance.

SCAN ME

PE112 LIFETIME & TEAM SPORTS | Credit: .5 PE

Grades: 9 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

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.

SCAN ME

PE201 ADOLESCENT ISSUES | Credit: .5 Health

Grades: 9 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

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.

SCAN ME

PE301 ATHLETIC STRENGTH & CONDITIONING | Credit: 1 PE / **Zero Hour & 1st Hour**

Grades: 9 – 12 **Fees:** $10
Prerequisite: M-CHS Athletes Only **Foundations/Summer School:** No

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.

SCIENCE

Montezuma-Cortez High School requires three (3) credits of Science to graduate with an Honors and Standard diploma; a Career & Technical diploma requires 2 credits of Science. To gain credit for Physical Science, Biology and Earth Science, students must earn a final classroom grade of at least 66% and pass each unit exam as well as the required quarterly lab. All other Science courses must earn at least a 66% to gain credit while PCC Science classes must earn a 70% to gain PCC credit.

	Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Academic Level	Physical Science Advanced Physical Science	Biology Advanced Biology	Earth Science Anatomy & Physiology PCC Anatomy & Physiology Advanced Chemistry AP Environmental Science Physics AP Physics	Earth Science Anatomy & Physiology PCC Anatomy & Physiology Advanced Chemistry AP Environmental Science Physics AP Physics
Honors Level	Advanced Physical Science	Advanced Biology	Earth Science Anatomy & Physiology PCC Anatomy & Physiology Advanced Chemistry AP Environmental Science Physics AP Physics	Earth Science Anatomy & Physiology PCC Anatomy & Physiology Advanced Chemistry AP Environmental Science Physics AP Physics

SC100 SCIENCE FOUNDATIONS | Credit: 0.5 Elective/semester + 0.5 Science Recovery/upon completion

Grades: 9 – 12

Students will be placed on individualized plans based on their performance in previous Science classes in which they did not earn credit. The course offers students the opportunity to recover credit and simultaneously earn Elective credit. Depending on individual need, students may transition to other departments for credit recovery once they completed required work in Science.

SC122 PHYSICAL SCIENCE | Credit: 1 Science

Grades: 9 – 10 **Fees:** $10

Prerequisite: None **Foundations/Summer School:** Yes

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, chemical equations, stoichiometry, and basic nuclear chemistry All topics will include the scientific method with data analysis. This course is a lab class.

SC123 ADVANCED PHYSICAL SCIENCE | Credit: 1 Science

Grades: 9 – 10 **Fees:** $10

Prerequisite: None **Foundations/Summer School:** Yes, as Physical Science

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, chemical equations, stoichiometry, and basic nuclear chemistry. All topics will include the scientific method with data analysis. This course is a lab class.

SC201 BIOLOGY | Credit: 1 Science

Grades: 10 – 11 **Fees:** $10

Prerequisite: Physical Science or Advanced Physical Science **Foundations/Summer School:** Yes

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.

SC204 ADVANCED BIOLOGY | Credit: 1 Science

Grades: 10 – 11 **Fees:** $10

Prerequisite: Physical Science or Advanced Physical Science **Foundations/Summer School:** Yes, as Biology

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. Two independent research projects will be required.

SC106 EARTH SCIENCE | Credit: 1 Science

Grades: 11 – 12 **Fees:** $20

Prerequisite: Biology or Advanced Biology **Foundations/Summer School:** Yes

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.

SC304 ANATOMY & PHYSIOLOGY | Credit: 1 Science

Grades: 11 – 12 **Fees:** $30

Prerequisite: Biology or Adv. Biology/Intermediate Chemistry is helpful. **Foundations/Summer School:** No

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.

PC627 PCC ANATOMY & PHYSIOLOGY | Credit: 1 Science + 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

SC110 AP ENVIRONMENTAL SCIENCE | Credit: 1 Science

Grades: 11 – 12 **Fees:** $20

Prerequisite: Biology or Advanced Biology **Foundations/Summer School:** No

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.

SC408 ADVANCED CHEMISTRY | Credit: 1 Science

Grades: 11 – 12 **Fees:** $20

Prerequisite: Biology or Adv Biology/Algebra II concurrently **Foundations/Summer School:** No

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. CLEP Exam option.

SC301 PHYSICS | Credit: 1 Science

SC500 AP PHYSICS | Credit: 1 Science

Grades: 11 – 12 **Fees:** $20

Prerequisite: Biology or Adv Biology / Alg. II recommended **Foundations/Summer School:** No

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.

SOCIAL STUDIES

Montezuma-Cortez High School requires three (3) credits of Social Studies to graduate with an Honors and Standard diploma; a Career & Technical diploma requires 2 credits of Social Studies. To gain credit for all Social Studies courses, students must earn a final classroom grade of at least 66%.

	Freshman Year	*Sophomore Year*	*Junior Year*	*Senior Year*
Academic Level	World / Human Geography	World / Human Geography Contemporary World Studies	US History	American Government
Honors Level	World / Human Geography	World / Human Geography Contemporary World Studies	US History	AP American Government

SS100 SOCIAL STUDIES FOUNDATIONS | Credit: 0.5 Elect./semester + 0.5 Social Studies Recovery/upon completion

Grades: 9 – 12

Students will be placed on individualized plans based on their performance in previous Social Studies classes in which they did not earn credit. The course offers students the opportunity to recover credit and simultaneously earn Elective credit. Depending on individual need, students may transition to other departments for credit recovery once they completed required work in Social Studies.

SS101 WORLD / HUMAN GEOGRAPHY | Credit: 1 Social Studies

Grades: 9 – 10 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** Yes

World / Human Geography introduces students to an everchanging world by studying patterns and processes that have influenced the ways in which we and societies understand, use, alter and adapt to the earth. Students will use a variety of ways to gain an understanding of how individuals interact with our planet and how our planet in turn responds to those interactions. These responses include analysis and interpretation of different demographic groups, push and pull factors of migratory habits and environmental and economic variables. Using a variety of texts, maps, graphs and current events and technology, this course allows students to have an increased understanding of their place in time and the effects of our decisions.

SS507 CONTEMPORARY WORLD STUDIES | Credit: 1 Social Studies

Grades: 10 – 11 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** Yes

This multi-faceted course will be split into two distinct semesters to help students get a deeper understanding of contemporary global issues. This course is best suited for students who have an interest in using modern media and the news to explore the complex social, technological, and cultural issues that are taking place globally as well as current news-based issues 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 may include Cultural Practices and Gender issues, Ethnic and Religious Conflict, Human Rights, Economics, National and International Politics, as well as Environmental issues.

SS301 US HISTORY | Credit: 1 Social Studies

Grades: 11 - 12 **Fees:** $0

Prerequisite: World/Human Geography or Contemporary World Studies **Foundations/Summer School:** Yes

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.

SS401 AMERICAN GOVERNMENT | Credit: 1 Social Studies

Grades: 12 **Fees:** $0

Prerequisite: US History **Foundations/Summer School:** Yes

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 have senior standing in credits. Students must have completed U.S. History.

SS503 AP AMERICAN GOVERNMENT | 1 Social Studies

Grades: 12 **Fees:** $0

Prerequisite: US History **Foundations/Summer School:** Yes, as American Govt.

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 senior must have a "B" or better in all prior Social Studies classes/instructor approval.***

WORLD LANGUAGES

SCAN ME

FL301 FRENCH BEGINNING I | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** No

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

SCAN ME

FL302 FRENCH BEGINNING II | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $0

Prerequisite: Beginning French I **Foundations/Summer School:** No

This is a continuation course for the French beginning student. We will continue to work on all 4 areas of basic communication while increasing the rigor. We will delve deeper into the culture of the Francophone world. This course prepares students for the Pueblo Community College dual-enrollment college level courses.

SCAN ME

FL303 FRENCH INTERMEDIATE I | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $0

Prerequisite: Beg. French II OR Beg. French I and Instructor Approval **Foundations/Summer School:** No

This is a beginning college level dual-enrollment course with PCC (5 credits) but can be taken as Intermediate French I if credit is not desired. This course develops students' interpretive, interpersonal, and presentational communicative abilities in the language. It integrates these skills in the cultural contexts in which the language is used. It offers a foundation in the analysis of culture while building a strong base of global citizenship.

PC102 PCC FRENCH LANGUAGE I / FRE 111 | Credit: 1 Elective + 5 PCC

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. Students in PCC classes must earn a 70% to gain PCC credit.*

SCAN ME

FL306 FRENCH INTERMEDIATE II / FRE111 | Credit: 1 Elective

Grades: 11 – 12 **Fees:** $0

Prerequisite: Intermediate French I **Foundations/Summer School:** No

This is the second semester of the beginning college level dual-enrollment course with PCC (5 credits) but can be taken as Intermediate French II if credit is not desired. This course expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. It integrates these skills in the cultural contexts in which the language is used. It offers a foundation in the analysis of culture while building a strong base of global citizenship through intercultural communicative strategies.

PC105 PCC FRENCH LANGUAGE II / FRE112 | Credit: 1 Elective + 5 PCC

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. Students in PCC classes must earn a 70% to gain PCC credit.*

SCAN ME

FL201 SPANISH BEGINNING I | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** No

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.

SCAN ME

FL202 SPANISH BEGINNING II | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $0

Prerequisite: Beginning Spanish I **Foundations/Summer School:** No

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

SCAN ME

FL203 SPANISH INTERMEDIATE I | Credit: 1 Elective

Grades: 10 – 12 **Fees:** $0

Prerequisite: Beginning Spanish II **Foundations/Summer School:** No

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 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** No

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 **Fees:** $0

Prerequisite: Navajo Language I **Foundations/Summer School:** No

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

SCAN ME

SS307 PSYCHOLOGY | Credit: 1 Elective

Grades: 11 – 12 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** No

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.

YB100 YEARBOOK | Credit: 1 Elective

Grades: 9 - 12 **Fees:** No

Prerequisite: None **Foundations/Summer School:** No

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.

CM101 CONTENT MASTERY | Credit: 1 or 0.5 Elective

Grades: 9 – 12 **Fees:** $0

Prerequisite: None **Foundations/Summer School:** No

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.

MC519 ACE CTE SCHOOL WORK BASED LEARNING I | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0

Prerequisite: Instructor Approval **Foundations/Summer School:** No

This course is designed for students to develop basic employment skills by participating in an in-school work/school based enterprise experience. A student run business, such as Coffee Club & T-shirt Printing, provides hands-on experience, marketing, accounting, and customer service. This also provides experience dealing with co-workers and management.

MC518 ACE CTE COMMUNITY WORK BASED LEARNING II | Credit: 1 or 0.5 Elective

Grades: 11 – 12 **Fees:** $0
Prerequisite: Instructor Approval **Foundations/Summer School:** No

Students in grades 11, 12 earn elective credits through community work-based sites. Students will log hours worked and submit paycheck stub hours to translate into .5 elective credits per semester.

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

Grade: 12 ONLY **Fees:** $0
Prerequisite: 12th w/ a GPA of 3.0 or above / graduation requirements met **Foundations/Summer School:** No

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 can be arranged. Transportation for the internship is the student's responsibility. **Senior must have Principal and Counselor approval.**

SCAN ME

AV101 AVID COLLEGE PREP 9th, 10th, 11th, & 12th | Credit: 1 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration, organization, and reading (WICOR) 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.

TA108 STUDENT MENTOR (Kidz-to-Kidz) | Credit: 0.5 or 1 Elective

Grade: 9 – 12 **Fees:** $0
Prerequisite: None **Foundations/Summer School:** No

Participants will be provided 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. 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.

TA113 STUDENT AIDE | Credit: .5 Elective (A,B,C,D,F grade issued)

Grade: 12 ONLY **Fees:** $0
Prerequisite: Principal approval, teacher approval in spring, and on track to graduate. **Foundations/Summer School:** No

Seniors who wish to become a Student Aide must find the teacher/office that they wish to work under and get their approval (signature form) in the spring before their senior year. Each teacher may only have one Student Aide therefore the first to submit their approval form for a teacher will get that placement. The counseling office and main office will also accept Student Aides through an approval signature. Aides will do work assigned to them by the teacher/office; some requirements and training may include using the copy machines, faxing, typing, telephone courtesy, and meeting the public. Confidentiality, attendance and being on time, dress and appearance, responsibility and proper language are a must. Attendance and reliability are crucial. For class approval, student's maturity level, grades, attendance and discipline records will be reviewed. Seniors may only earn one (1) Student Aide credit.

SNR102 SENIOR WORK STUDY | Credit: 0.5 or 1 Elective

Grade: 12 ONLY **Fees:** $0
Prerequisite: Principal Approval & Graduation Requirements on track to graduate. **Foundations/Summer School:** No

This program is designed to help students that may need to work during the school year and still receive credit. Students must make arrangements for their own employment and will be required to turn in their work contract as well as work hour log sheets. Pay stubs from employers are required. Students must work a minimum of 68 hours a semester to receive credit. A maximum of one (1) Senior Work Study class is allowed per semester. For class approval, student's maturity level, grades, attendance and discipline records will be reviewed.

OL101 ONLINE EDUCATION | Credit: 0.5 Elective

Grades: 9 – 12 **Fees:** $0
Prerequisite: Guidance / Administration Approval ONLY **Foundations/Summer School:** No

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 (after attempting Foundations classes), as a course that is not offered at M-CHS, or for students with special situations. M-CHS is a "brick and mortar" facility and therefore supports Online Education as a last alternative for credit recovery but not as a first option (except in special situations). Exceptions are made for classes that we do not offer at M-CHS. All Online Education students will be assigned to a classroom for attendance and will be expected to stay on campus.

M-CHS CONCURRENT ENROLLMENT GUIDELINES

THESE REQUIREMENTS APPLY TO ANY CONCURRENT ENROLLMENT (CE) CLASSES OR PROGRAMS , WHETHER OFFERED ON OR OFF 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 any CE 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.**

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

Each student and/or his/her family will be responsible to pay for registration fees each semester, any CE fees, and/or text books. Students taking the EMT class are also responsible to pay a fee of $40(subject to change). *Any questions or concerns regarding CE invoices should be discussed with the billing department of that college.*

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 on their behalf. Each student and his/her parent(s) will complete and sign a Concurrent Enrollment Registration Form and the 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.

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.

SAN JUAN COLLEGE

Pueblo Southwest Community College

FORT LEWIS COLLEGE

CONCURRENT ENROLLMENT CLASSES offered on PCC CAMPUS

Above requirements must be met to participate in the below classes / programs.

SW101/ SW102 AUTOMOTIVE TECHNOLOGY I & II | Credits: 1.5 Elective/semester + PCC Credits (varies by semester)

Fees: Cost varies (see grade level counselor)

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)***

SW801/SW802 WELDING I & II | Credit: 1.5 Elective/semester + PCC Credits (varies by semester)

Fees: Cost varies (see grade level counselor)

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. 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. This training is also included in the degree program. The two semester welding certificate 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 after all requirements are completed (four semesters).

COLORADO HIGHER EDUCATION REQUIREMENTS

Students planning to attend a four-year college or university in Colorado should complete the following classes in order to fulfill the Higher Education Admission Recommendations (HEAR). HEAR is one factor of many that public four-year institutions consider in the admission decision process. Visit the CDHE Admission webpage to learn about all admission review factors.

Subject Areas*	Units
English**	4 Units
Math***	4 Units
Natural Science***	3 Units (2 Units Lab-based)
Social Studies	3 Units (1 Unit U.S. or World History)
Foreign / World Language (in same language)	1 Unit
Academic Electives****	2 Units

**CCHE, CDE, School Districts and their advisors are developing standards for demonstration of proficiency in lieu of course completion. For 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/world languages, art, music, journalism, drama, computer science, honors, Advanced Placement, International Baccalaureate courses, and appropriate CTE courses.*

GPA and Test Score Ranges of Admitted First-Time Freshmen – Fall 2019 Data

Colorado Public Four-Year Colleges and Universities

The data below reflect the middle 50% ranges of students admitted at each institution – 25% had above and 25% had below these ranges. These are NOT requirements, but a guide to each institution's standards. Both ACT & SAT are accepted by Colorado public institutions. Please refer to the online College Admission Guidelines tool for more information on admission criteria: coadmissionstool.org

Institution	High School GPA Mid-50% GPA range of admitted students (4.0 scale- includes weighted GPAs)	ACT Mid-50% ACT range of admitted students (composite scores)	SAT Taken March 2016 & After Mid-50% SAT range of admitted students (Evidenced Based Reading & Writing + Math)
Adam State University	**2.90 – 3.70**	**17 – 22**	**910 – 1090**
Colorado Mesa University	**3.24 – 3.92**	**20 – 26**	**1010 – 1200**
Colorado School of Mines	**3.75 – 4.00****	**29 – 33**	**1330 – 1470**
Colorado State University Fort Collins	**3.42 – 4.00**	**23 – 30**	**1100 – 1300**
Colorado State University Global	**2.50 – 3.05**	**21 – 22**	**990 – 1140**
Colorado State University Pueblo	**2.96 – 3.86**	**18 – 24**	**940 – 1130**
Fort Lewis College	**3.05 – 3.81**	**18 – 24**	**1010 – 1208**
Metropolitan State University of Denver	**2.82 – 3.64**	**17 – 23**	**900 – 1110**
University of Colorado Boulder	**3.52 – 4.00**	**26 – 32**	**1180 – 1380**
University of Colorado Colorado Springs	**3.16 – 3.90**	**21 – 26**	**1010 – 1210**
University of Colorado Denver	**3.27 – 3.99**	**21 – 28**	**1020 – 1240**
University of Northern Colorado	**3.13 – 3.90**	**20 – 26**	**990 – 1200**
Western Colorado University	**3.11 – 3.90**	**20 – 27**	**1020 – 1200**

~The high school graduating class of 2021 has the option to submit or not submit their ACT/SAT scores for admission due to test cancellations in 2020. For more information visit: https://highered.colorado.gov/college-admission-use-of-national-test-scores

*SAT totals = Evidenced Based Reading & Writing + Math subscores. It does not include the Essay or Written Component score.

** Colorado School of Mines does NOT use weighted GPAs in making an admission decision – they use unweighted only.

Colorado Community Colleges are open admission and do not have admission standard requirements.

For additional info including transfer admissions, visit: https://highered.colorado.gov/students/preparing-for-college/admissions-eligibility

Revised: July 17, 2020

NCAA Eligibility Center

ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification account with the NCAA Eligibility Center at **eligibilitycenter.org**. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page account at **eligibilitycenter.org**.

ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an SAT or ACT score that matches your core-course GPA.

CORE COURSES

Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit **eligibilitycenter.org/courselist** for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

DIVISION II

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your **grade-point average** based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at **ncaa.org/test-scores**.

TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code **9999** to send your scores directly to us from the testing agency. We accept official scores only from the SAT or ACT, and cannot use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score. More information regarding the impact of COVID-19 and test scores can be found at **on.ncaa.com/COVID19_Fall_B**.

HIGH SCHOOL TIMELINE

9TH GRADE

PLAN

- *Start planning now!* Take the right courses and earn the best grades possible.
- Find your high school's list of NCAA-approved core courses at **eligibilitycenter.org/courselist**.
- Sign up for a free Profile Page account at **eligibilitycenter.org** for information on NCAA requirements.

10TH GRADE

REGISTER

- If you fall behind academically, ask your counselor for help finding approved courses you can take.
- Register for a Profile Page or Certification account with the NCAA Eligibility Center at **eligibilitycenter.org**.
- Monitor your Eligibility Center account for next steps.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your Eligibility Center account.

11TH GRADE

STUDY

- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.
- Take the SAT/ACT and submit your scores to the NCAA Eligibility Center using code **9999**.
- Ensure your sports participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your Eligibility Center account.

12TH GRADE

GRADUATE

- Complete your final NCAA-approved core courses as you prepare for graduation.
- Take the SAT/ACT again, if necessary, and submit your scores to the NCAA Eligibility Center using code **9999**.
- Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at **eligibilitycenter.org**.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your Eligibility Center account.
- *Reminder:* Only students on an NCAA Division I or II school's institutional request list will receive a certification.

How to plan your high school courses to meet the 16 core-course requirement:

4 X 4 = 16

9TH GRADE
(1) English
(1) Math
(1) Science
(1) Social Science and/or additional
4 CORE COURSES

10TH GRADE
(1) English
(1) Math
(1) Science
(1) Social Science and/or additional
4 CORE COURSES

11TH GRADE
(1) English
(1) Math
(1) Science
(1) Social Science and/or additional
4 CORE COURSES

12TH GRADE
(1) English
(1) Math
(1) Science
(1) Social Science and/or additional
4 CORE COURSES

Search Frequently Asked Questions: ncaa.org/studentfaq

Follow us: @ncaaec @playcollegesports @ncaaec

December 2020

NCAA is a trademark of the National Collegiate Athletic Association.

M-CHS CAREER / ACADEMIC PLAN SHEET

Last Name:_____ **First Name:**_____

Grade: _____ Date:_____ Counselor:_____

GRADUATION REQUIREMENTS			
SUBJECT	HONORS DIPLOMA	STANDARD DIPLOMA	CAREER & TECH
English	4.0	4.0	4.0
Math*	4.0	3.0	3.0
Social Studies	3.0	3.0	2.0
Science	3.0	3.0	2.0
PE	0.5	0.5	0.5
Health	0.5	0.5	0.5
Electives	6.0	9.0	11.0
Foreign	2.0	--	--
Fine Arts	1.0	--	--
TOTAL:	24.0	23.0	23.0

*MATH must include Algebra 2 or Upper Level Choice

REVERSE ENGINEERED PLAN:

1. CAREER / GOAL:

2. POST SECONDARY TRAINING:
   (college, apprenticeship)

3. HIGH SCHOOL COMPETENCY:
   - ACCUPLACER
   - ADVANCED PLACEMENT
   - ASVAB
   - ACT
   - CONCURRENT ENROLLMENT
   - INDUSTRY CERTIFICATE
   - SAT
   - DISTRICT ACCOMODATION

4. HIGH SCHOOL ELECTIVES:

Electives should align to above

YEAR 1	(9) FRESHMAN	CREDITs
ACTIVITIES:	English	
	Math	
	Science	
	Soc Studies	
WORK:		
SERVICE PROJECTS:		
	TOTAL:	

YEAR 2	(10) SOPHOMORE	CREDITs
ACTIVITIES:	English	
	Math	
	Science	
WORK:	Soc Studies	
SERVICE PROJECTS:		
	TOTAL:	

YEAR 3	(11) JUNIOR	CREDITs
ACTIVITIES:	English	
	Math	
	Science	
	Soc Studies	
WORK:		
SERVICE PROJECTS:		
	TOTAL:	

YEAR 4	(12) SENIOR	CREDITs
ACTIVITIES:	English	
	Math	
	Science	
	Soc Studies	
WORK:		
SERVICE PROJECTS:		
	TOTAL:	