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Outlaws



2024 - 2025

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# **Yuma High School Course Registration Guide 2024-2025**

**To: Yuma High School Students and Parents**

**Yuma High School is providing this guide to help students and parents make important decisions concerning their academic future. The courses selected and completed will determine post-secondary, technical, military, and career alternatives available after graduation. Take time to discuss some general goals, refer to CCHE standards, and then examine the course offerings and select courses that will help attain these goals. Final course offerings will depend on a minimum enrollment; therefore, having alternative courses in mind is important.**

**During the class registration process there will be staff members available and eager to answer questions and help you make intelligent choices. Teachers will advise students as to the next course to take; counselors and/or advisors will meet with students to make sure they are taking courses that will lead to graduation and help them reach their post-graduation goals. Please stop by the counselor's office with any questions or concerns. Students need to take advantage of these resources as their future is at stake.**

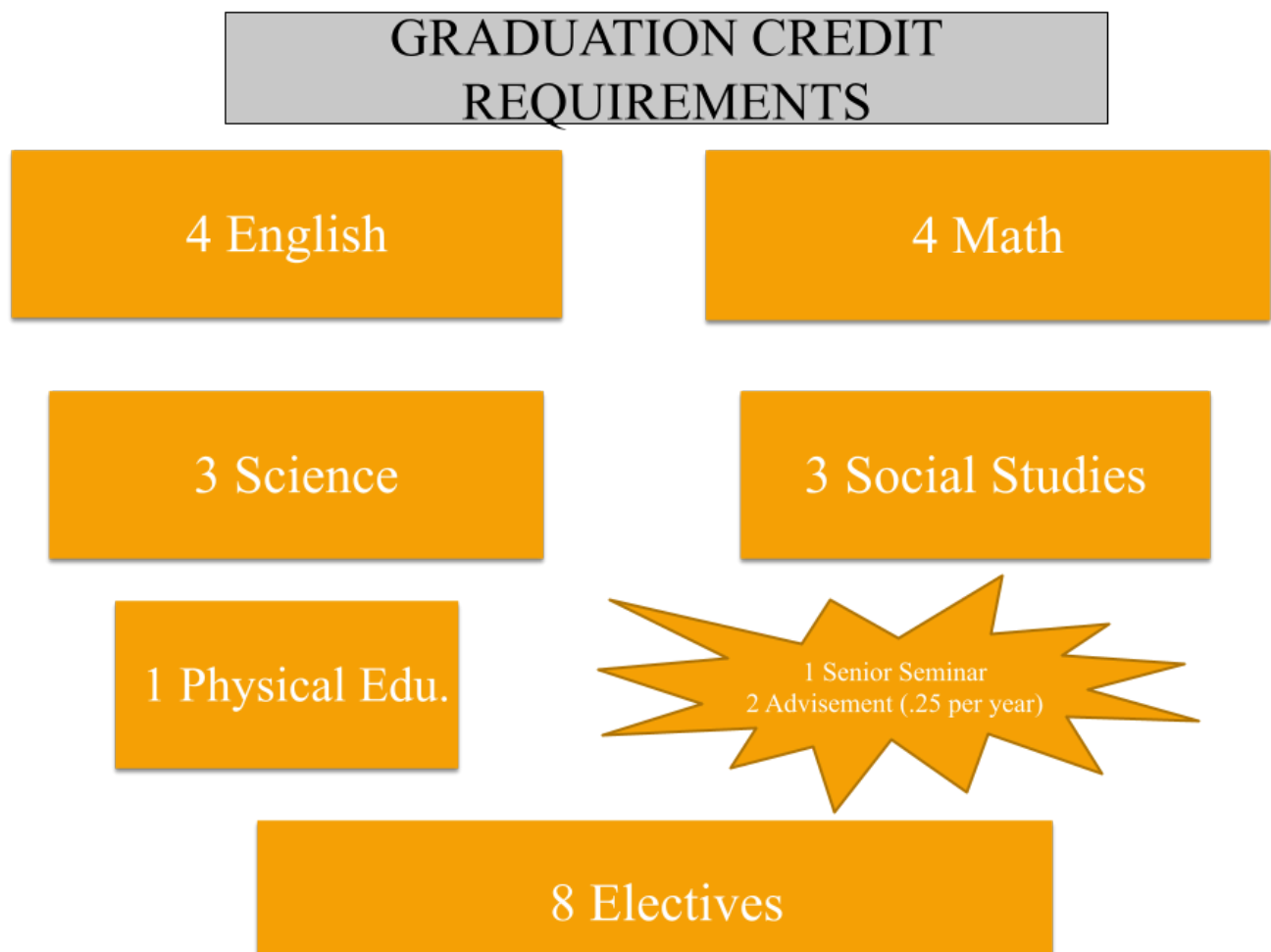
**Padres y estudiantes que necesitan ayuda en traducir póngase en contacto con la escuela; 848-5488**

## Graduation Requirements

In order to graduate from YHS students must complete **26 credits** in the appropriate categories, AND be able to pass at least one of the tests on the following menu of options (see page 4). If a student does not pass one of the given tests, they will be required to take a resource class, senior year and accomplish a bronze level in the ACT WorkKeys Program.

*Please note: Students will be given the SAT and ASVAB their Junior year, the PSAT their Freshman and Sophomore year, and the Accuplacer is an optional test for students interested in concurrent enrollment classes. Students may take the ACT but they will have to register independently, as we only provide the SAT through the YSD-1 District.*

**We DO NOT offer Advanced Placement courses or International Baccalaureate (IB) courses at YHS.**



# Graduation Core Class Requirements

**English**  
 English I  
 English II

**Mathematics**  
 Algebra I  
 Geometry

**Social Studies**  
 World  
 History/Geography  
 US History  
 American Government

**Science**  
 Earth Science  
 Biology  
 Physical (Physical, Physics, Chemistry)

## Menu of Options for Testing Portion of Graduation Requirements

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

### ACCUPLACER

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

### ACT

<b>Reading, Writing and Communicating</b> 18 on ACT English	<b>Mathematics</b> 19 on ACT Math	<b>ACT</b> is a national college admissions exam. It measures four subjects – English, reading, math and science. The highest possible score for each subject is 36.
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### ACT WorkKeys - National Career Readiness Certificate

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

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

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

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

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

<b>Reading, Writing and Communicating</b> Individualized	<b>Mathematics</b> Individualized	<b>Industry certificates</b> are credentials recognized by business and industry. They are district determined, measure a student's competency in an occupation, and they validate a knowledge base and skills that show mastery in a particular industry.
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## International Baccalaureate (IB)

<b>Reading, Writing and Communicating</b> 4	<b>Mathematics</b> 4	<b>IB exams</b> assess students enrolled in the official IB Diploma Programme. Districts choose which IB exams will fulfill this option. Scores range from 1 to 7 (highest).
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## SAT - Scores updated for SAT (2016)

<b>Reading, Writing and Communicating</b> 470	<b>Mathematics</b> 500	<b>The SAT</b> is a college entrance exam. The SAT includes sections on reading, writing and math. The highest possible score for each section is 800.
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## Collaboratively developed, standards-based performance assessment

<b>Reading, Writing and Communicating</b> State-wide scoring criteria	<b>Mathematics</b> State-wide scoring criteria	For this option, students use an authentic demonstration of academic knowledge and Essential Skills through the creation of a complex product or presentation.
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## **COURSE DESCRIPTIONS**

### **I. NON-ACADEMIC** (all non-academic courses are Pass/Fail and do NOT calculate towards GPA)

#### **Mentors – AIDE 420**

Duration:	Semester/ Year
Credits:	0.5 per semester (limit 2 per semester)
Instruction:	Direct - In Person
location:	Yuma Middle School, Morris Elementary School
Grade level:	<b>11, 12</b>
Prerequisite:	Counselor/Administration approval at both buildings, paperwork completed by deadline. Daily reliable transportation.

The Mentors Program provides high school students with a hands-on opportunity to gain practical experience in an educational setting at Yuma Middle School or Morris Elementary School. This course is designed for students who have a passion for education and are interested in exploring careers in teaching or related fields. Throughout the program, students will work closely with certified teachers to support classroom activities, assist with lesson preparation, and provide individualized support to students. Through this immersive experience, interns will develop valuable skills in communication, organization, and instructional support while gaining insight into the responsibilities and challenges of teaching.

#### **Teacher, Office, Library or Custodial Aide – AIDE400**

Duration:	Semester/Year
Credits:	0.5 per semester (Limit 2 per semester)
Instruction:	Direct - In Person
Location:	Yuma High School
Grade level:	<b>11, 12</b>
Prerequisite:	Counselor/Administration approval, paperwork completed by deadline.

Students will assist the staff members with the following duties: Office aides will complete student passes, updating message boards, working with computers, typing, filing, answering the telephone, and other duties as assigned. Teacher aides will assist with classroom and program needs. Additional opportunities: aide library or custodial staff.

#### **Presidential Leadership Development Skills /Aide – AIDE 350**

Duration:	Semester/Year
Credits:	0.5 per semester
Instruction:	Direct - In Person
Location:	Yuma High School
Grade level:	<b>11, 12</b>
Prerequisite:	Hold Presidential Office of a Club or Organization

The CTE Presidential Leadership Program is an advanced course designed to cultivate the next generation of leaders in Career and Technical Education. This immersive experience empowers high school students with the knowledge, skills, and opportunities to excel as leaders in their schools, communities, and future careers. Through a combination of academic study, hands-on projects, and leadership development activities, students will explore key principles of leadership, advocacy, and innovation within the realm of CTE. The program emphasizes the importance of ethical leadership, collaboration, and problem-solving in addressing real-world challenges facing the workforce of tomorrow. This class would help the presidents become familiar with school policies as well as the Club Handbook. They would be required to carry out the duties of the office in a professional manner so they would be able to contribute to their community in other capacities upon graduation. Some of these duties would be: leadership skills; contact necessary people to maintain activities, public speaking, etc.

**Career Education (Non Career and Technical Education Work Study) – AIDE431**

**\*SEE SPECIFIC CTE PATHWAY**

Duration: Semester/Year  
Credits: 0.5 per semester (limit of 2 work study periods per semester)  
Instruction: Alternative - Work Based Learning  
Location: Off Campus

Grade level: **11,12**

Prerequisite: Counselor approval, Principal approval, CTE teacher approval, CTE pathway progression

This program is designed to provide experience in specific technical careers (Agriculture, Business or Family and Consumer Sciences).

**Internship- INT400**

Duration: Semester/Year  
Credits: 0.5 per semester (limit based on availability)  
Instruction: Alternative - Work Based Learning  
Location: Off Campus

Grade level: **11,12**

Prerequisite: Administration approval, Counselor approval, paperwork complete by deadline.

The Career Exploration Internship course offers high school students a unique opportunity to gain hands-on experience in various professional fields. Through this immersive program, students will have the chance to explore potential career paths, develop essential workplace skills, and build valuable networks within their areas of interest.

**Job Shadow- JS 400**

Duration: Semester/Year  
Credits: 0.5 per semester (limit based on availability)  
Instruction: Alternative - Work Based Learning  
Location: Off Campus

Grade level: **11,12**

Prerequisite: Administration approval, Counselor approval, paperwork complete by deadline.

The Career Exploration: Job Shadowing Program offers high school students an immersive opportunity to gain insight into various professions by shadowing professionals in their workplaces. Through this hands-on experience, students will observe day-to-day operations, interact with professionals, and gain a firsthand understanding of the skills, responsibilities, and challenges associated with different careers. The program aims to help students make informed decisions about their future career paths, develop a deeper understanding of industries of interest, and build valuable connections within their communities.

## II. AGRICULTURE

### **Supervised Agricultural Experience (SAE)**

Supervised Agricultural Experience Programs are an integral part of the Agricultural Education model including Classroom and Laboratory Instruction, FFA (Leadership Development) and SAE. All students enrolled in agriculture classes including shop-based classes are expected to develop an acceptable SAE, if an FFA member, in order to cement the skills learned in class in a real-life environment. Examples of acceptable SAEs include production agriculture (farming or ranching), showing livestock, mowing lawns, gardening, placement at an agricultural retailer, agricultural research (Agri-science Fair) etc.



### **FFA**

FFA is a national youth leadership organization of over half a million students nationwide. As FFA, like SAE, is an integrated part of the Agricultural Education program, many FFA activities are also included as class activities. Freshmen will be expected to memorize and present the FFA Creed, learn about the organization's history and traditions and other assignments related to the organization. Federal and state statute dictates that all students in Career and Technical Education programs receive leadership training through the Career and Technical Student Organization (FFA).

***All students must start the Ag program with the following courses before proceeding to their preferred pathways where they will complete the courses consecutively according to levels:***

### **Ag I: Introduction to Agriculture-A (S1)/Principal of Power Structure and Technical Systems (S2) AGR100**

Duration:	Year
Credit:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	1
Prerequisite:	None
Pathways:	Agricultural Science
Fee:	\$25

An introductory course for first year agriculture 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, power/structure and agribusiness. Also, it is an introductory course educating students in the basic skills and knowledge in construction management. This course covers topics including safety, project management, and agriculture structures and components. Upon completion of this course, proficient students will be prepared for more advanced coursework in agricultural mechanics. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**\*Students may participate in more than one pathway at a time HOWEVER they must follow the consecutive course levels in order to reach completion of a specific program.**



## **Pathway #1: Agricultural Science**

### **Ag II: Principles of Plant Science-A (S1)/ Principles of Animal Veterinary Science-A (S2) AGR200**

Duration:	Year
Credit:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>2</b>
Prerequisite:	Ag I
Pathways:	Agricultural Science
Fee:	\$25

Ag Students will develop knowledge, skills and understanding in the biological processes and physiological systems found in livestock and companion animal species including anatomy and physiology, growth and development, muscular and skeletal systems, integumentary system, respiratory and circulatory systems, nervous system, lymphatic and endocrine systems and excretory system. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences may be included. This course also provides students with knowledge and information about the growth, development, and reproduction of plants used for food, fiber, and beautification. Topics may include plant anatomy and physiology, plant growth processes such as photosynthesis, propagation (reproduction) methods, taxonomy and classification, and plant identification. The course will also highlight developing communication skills, leadership skills, and incorporate a survey of the careers within the plant science industry. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

### **Animal Production (A & B)- AGR353**

Duration:	Year (A= S1, B= S2)
Credit:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>3</b>
Prerequisite:	Ag I
Pathways:	Agricultural Science
Fee:	\$25

Students will develop understanding and proficiency in the areas of Animal Production Systems, "Farm to Table" , Animal Reproduction and Genetics, Animal Nutrition and Feeding, Animal Behavior and Management, the business side of animal production, and research current Issues facing Animal Agriculture. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

### **\*AGB 102- College Foundations of Agri-Business (A) AGR310**

Duration:	1 <sup>st</sup> Semester
Credit:	0.5 per semester
Instruction:	Alternative - Blended Learning
Location:	Yuma High School
Level:	<b>3/4</b>
Prerequisite:	Ag I or Plumbing & Electrical Installation
Pathways:	All Ag Pathways, typically taken in conjunction with College Ag Economics
Fee:	\$25

Focuses on the foundational aspects of the primary agriculture business areas including economics, management, marketing, sales and finance in an applied manner. Current events in agriculture are discussed with emphasis on application to agribusiness.

### **Crop Production & Management – AGR300**

Duration:	2 <sup>nd</sup> Semester
Credit:	0.5 per semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>3/4</b>
Prerequisite:	Ag I
Pathways:	Ag Science, typically taken in conjunction with College Ag Animal Science
Fee:	\$25

Students in this course will cover topics in sustainable agriculture, planting, soil preparation, integrated pest management, harvest, handling and storing according to current industry standards, development of production plans, food/biosecurity, fertilizer management, and water management. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

### **\*College Ag Animal Science – AGR602 (NJC, ASC 1100 Hybrid)**

Duration:	1 <sup>st</sup> Semester
Credit:	0.5 per semester
Instruction:	Alternative - Blended Learning
Location:	Yuma High School
Level:	<b>3/4</b>
Prerequisite:	Ag Science and Technology, Reading Accuplacer of 246
Pathway:	Ag Science or Ag Business, taken in conjunction with Soil and Crop Science
Fee:	\$25

A study of the basic fundamentals of livestock production pertaining to principles of breeding, genetics, nutrition, health, anatomy and physiology of beef, sheep, swine, dairy and horses. Other areas to be emphasized will be selection, breed classifications and identification and the classification and marketing of meat animal products. This is a hybrid course meaning that it is taught on-line by an instructor employed by Northeastern Junior College in Sterling, CO and is presented as a part of the Agricultural Education program at Yuma High School. Students receive three, transferable credit hours through the college.

### **\*College Agriculture Economics – AGR600 (NJC, AGE 102 Hybrid)**

Duration:	2 <sup>nd</sup> Semester
Credit:	0.5 per semester
Instruction:	Alternative - Blended Learning
Location:	Yuma High School
Level:	<b>3/4</b>
Prerequisite:	Principles of Ag Business
Pathways:	Agricultural Science or Agricultural Power & Technical Systems, will be taken in conjunction with Ag Business Management

Focuses on economic principles as applied to agriculture through price discovery with producer supply and consumer demand, governmental policies, rural development and resource management. (Contact hours – 45) State Guarantee Transfer Course.

### **Ag Job Placement in Agriculture – AGR504 (Pass/Fail)**

Duration:	Semester/Year
Credits:	0.5 per Semester upon completion of the required number of hours
Instruction:	Alternative - Work Based Learning
Location:	Off Campus
Level:	<b>4</b>
Prerequisite:	Four semesters of Agriculture courses including Introduction to Ag I, Ag II, Principles of Ag Power, Structures, and Technical Systems, or Principles of Ag Business. Instructor approval required.
Payment:	Students who are in paid positions will be paid by the employer
Pathways:	All Ag Pathways

A student enrolled in any Junior or Senior level agricultural education class is eligible to participate in an internship in agricultural education. Students will prepare for careers in agriculture by working part-time in a local agribusiness, for a local producer or on their individual Supervised Agricultural Experience Program. The Agricultural Education Instructor must approve of and assess the student's job training. Student schedules will be arranged such that they work afternoons, after school, or weekends. Juniors can be released from seventh period and seniors can be released from both sixth and seventh periods, depending upon the student's academic needs. Students will be required to keep records of their employment in their Agricultural Education record book. Additionally, the instructor reserves the right to require additional assignments or paperwork as he/she feels is appropriate.

Student performance shall be accessed through discussion with the student and their supervisor. At the beginning of the internship, the student, his/her parents, the employer (and/or immediate supervisor) and the instructor shall meet to agree upon each party's responsibilities, skills learned, compensation, safety, insurance, etc. Each of these parties shall sign a Placement/Training Agreement prior to enrollment.

Hours must be earned and evaluated before a grade can be assigned. Failure to complete the required number of hours, being terminated by an employer, or choosing to leave the employer will result in a failing grade. While this is a general policy, unusual circumstances will be evaluated by the instructor, whose decision is final.

## **Pathway #2: Agricultural Mechanics**

### **Plumbing & Electrical Installation-A (S1)/Principles of Ag Power, Structures, and Technical Systems- B (S2) - AGR327/328**

Duration:	Year
Credit:	0.5 per semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>2</b>
Prerequisite:	Ag I
Pathways:	Agricultural Power & Technical Systems
Fee:	\$25

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. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Structure, Design, & Fabrication/ Engine & Equipment Technology (B) – AGR350**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **3**  
Prerequisite: Plumbing & Electrical Installation A/B  
Pathways: Agricultural Power & Technical Systems  
Fee: \$25

This course entails the application of basic metal welding skills to the construction of items through the fabrication process. Skills include project blueprint development, welding blueprint symbols interpretation, bill of materials, fabrication process determination, construction skills and quality control. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Advanced Welding & Technology/ Metal Fabrications- AGR324**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **4**  
Prerequisite: Ag I  
Pathways: Agricultural Power & Technical Systems  
Fee: \$25

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. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

### **Ag Job Placement in Agriculture – AGR504 (Pass/Fail)**

Duration: Semester/Year  
Credits: 0.5 per Semester upon completion of the required number of hours  
Instruction: Alternative - Work Based Learning  
Location: Off Campus

Level: **4**

Prerequisite: Four semesters of Agriculture courses including Introduction to Ag I, Ag II, Principles of Ag Power, Structures, and Technical Systems, or Principles of Ag Business. Instructor approval required.

Payment: Students who are in paid positions will be paid by the employer

Pathways: All Ag Pathways

A student enrolled in any Junior or Senior level agricultural education class is eligible to participate in an internship in agricultural education. Students will prepare for careers in agriculture by working part-time in a local agribusiness, for a local producer or on their individual Supervised Agricultural Experience Program. The Agricultural Education Instructor must approve of and assess the student's job training. Student schedules will be arranged such that they work afternoons, after school, or weekends. Juniors can be released from seventh period and seniors can be released from both sixth and seventh periods, depending upon the student's academic needs. Students will be required to keep records of their employment in their Agricultural Education record book. Additionally, the instructor reserves the right to require additional assignments or paperwork as he/she feels is appropriate.

Student performance shall be accessed through discussion with the student and their supervisor. At the beginning of the internship, the student, his/her parents, the employer (and/or immediate supervisor) and the instructor shall meet to agree upon each party's responsibilities, skills learned, compensation, safety, insurance, etc. Each of these parties shall sign a Placement/Training Agreement prior to enrollment.

Hours must be earned and evaluated before a grade can be assigned. Failure to complete the required number of hours, being terminated by an employer, or choosing to leave the employer will result in a failing grade. While this is a general policy, unusual circumstances will be evaluated by the instructor, whose decision is final.

## **III. Skills and Trade**

### **Property Maintenance and Repair- AGR330**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **1**  
Prerequisite: NONE  
Fee: \$25

Students will gain knowledge in the basic needs of maintaining residential and commercial property. In addition to general safety, curriculum will include, but is not limited to, the following non-code topics: pouring and finishing a small concrete pad, framing and finishing walls, basic wiring and electrical topics, mounting a toilet, changing a bath/kitchen fixture, sprinkler systems, changing door hardware, painting, installing roofing and fencing, and basic furniture repairs.

### **Careers In Construction- CONS 200**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **1**  
Prerequisite: Property Maintenance and Repair  
Fee: NONE

Provide students the tools and skill sets necessary to be successful and productive in the construction industry, as well as develop effective job-placement platforms to place.

## IV. ART

### **ART 1– ART115**

Duration:	Year
Credit:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>1</b>
Prerequisite:	none
Fees:	\$40 per year

This class is designed to gain an understanding of the basic fundamentals of art. The focus will be on drawing and painting with a variety of materials and techniques. Understanding the creative process, as well as how to talk about art and artists will also be a priority throughout the course.

### **Art 2 – ART117**

Duration:	Year
Credit:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>2</b>
Prerequisite:	Art 1
Fee:	\$40 per year

This class is the follow up to Art 1. The knowledge gained in the previous year will be used to explore more techniques and improve your skills to help you discover your place in the art world. 3D art will also take priority as we explore a variety of sculpture techniques. We will also do some projects based on careers in the art field.

### **Art 3 – ART 300**

Duration:	Year
Credit:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>3</b>
Prerequisite:	Art 1 and Art 2
Fees:	\$40 per year

After learning the mediums and techniques the last two years students will start making more choices about their artwork. Students will be given starters and will then have to work through the creative process to create an original piece of art while applying the knowledge previously learned. We will also take time to learn about some of the careers in the art field.

### **Senior Studio – ART119**

Duration:	Year
Credit:	0.5 per semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>4</b>
Prerequisite:	Art 1, Art 2 and Art 3
Fees:	\$40 per year

This fourth year art class is set up for you to work like an artist. Motivation is required. Students will have a chance to design some of their own projects. There will still be projects and activities directed by the teacher to try new things. The year will culminate with a senior panel to be put on display in the art hallway.

# V. BUSINESS EDUCATION

(Business courses will satisfy CTE credits for graduation)



## **Business 1A - Introduction to PC Applications- BUS100A**

Duration: Year (A= S1, B= S2)  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **1**  
Prerequisites: None

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. Includes the use of a web browser to access the Internet.

## **Business 1B - Personal Finance- BUS100B**

Duration: Year (A= S1, B= S2)  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **1**  
Prerequisites: None

Surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes.

## **Business 2A - Introduction to Business- BUS200A**

Duration: Year (A= S1, B= S2)  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **2**  
Prerequisites: Business 1 1A & Business 1B

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

## **Business 2B - Principles of Accounting & Finance- BUS200B**

Duration: Year (A= S1, B=S2)  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
location: Yuma High School  
Level: **2**  
Prerequisites: Business 1A & Business 1B

Principles of Accounting & Finance Is a course that brings together the business functions of accounting, finance and management. It introduces students to accounting and finance knowledge and skills for all business organizations. Topics will include understanding tools, strategies, and systems used to maintain, monitor, and control financial resources. Major topics include time value of money, forecast sales, how to interpret financial statements and more. Throughout the course, students are presented problem-solving situations for which they must apply academic and problem-solving skills

### **Business Marketing & Essentials- BUS201**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **2**  
Prerequisites: Business 1A & Business 1B

Business and Marketing Essentials (Standard), an introductory business and marketing course, enables students to acquire a realistic understanding of business processes and activities. Students examine fundamental economic concepts, the business environment, and primary business activities. They develop an understanding of and skills in such areas as customer relations, economics, emotional intelligence, financial analysis, human resources management, information management, marketing, operations, professional development, and strategic management. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic and critical-thinking skills.

### **Business 3A - Social Media for Business- BUS300A**

Duration: Year (A= S1, B= S2)  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **3**  
Prerequisites: Business 2A & 2B, Business Marketing & Essentials

Teaches students how to use social media as a business strategy and covers how to match that strategy with the goals of the business. This course addresses current trends, ethics, regulations, legal challenges, strategy, content development, and change management. This course helps students develop a better understanding of how marketing with social media is similar to and different from traditional marketing and how to best use online methods to further business goals.

### **Business 3B - Business Communications- BUS300B**

Duration: Year (A= S1, B= S2)  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **3**  
Prerequisites: Business 2A & 2B, Business Marketing & Essentials

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.

### **Business 4A - Leadership- BUS400A**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **2**  
Prerequisites: Business 3A & 3B

Focuses on the leadership skills for contemporary organizations. Covers development and communication a shared vision to motivate and empower employees to manage conflict, to negotiate, and to develop teams.



### **Business 4B - Entrepreneurship- BUS400B**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **2**  
Prerequisites: Business 3A & 3B

Students in this course will demonstrate the culmination of learning within the business program. During this course, students will demonstrate their understanding of business and management in a variety of simulated scenarios applying theories, concepts, and problem-solving. Students will complete a capstone project which will demonstrate their understanding of fundamental business concepts including Accounting, Business Law, Ethics, Entrepreneurship, Computer Information Systems, Finance, Human Resources, Management, Marketing, Operations, Project Management, Risk Management, and Strategic Planning. The course covers the major aspects of small business management to enable the entrepreneur to successfully start a business.

### **Business Education Work-Study- BUS518 (Pass/ Fail)**

Duration: Semester/Year  
Credit: 0.5 per semester  
Instruction: Alternative - Work Based Learning  
Location: Off Campus  
Level: **4**  
Prerequisites: Must be signed up for Entrepreneurship.

Qualified students are eligible to participate in a Teacher approved Job Placement Program. Students may choose to work part-time in an approved business in the community in the area of; office skills, accounting, technology, or other approved business department related job.

## **VI. Yearbook**

### **Yearbook – BUS410**

Duration: Year  
Credit: 0.5 per Semester/Elective  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **2-4**  
Prerequisite: Business 1A & 1B

This course is designed for all students interested in writing, yearbook production, graphics/technical layout, and mass media. Emphasis is on school and local news/event coverage, objective news writing, subjective (opinion) writing, creative writing, interviewing, photography, and desktop publishing (novice and advanced). Must be self-motivated and value a strong work ethic.

## VII. Family and Consumer Sciences

(Family and Consumer Sciences courses will satisfy the Career and Technical Education credits for graduation)

**Family and Consumer Sciences (FCS)** programs stimulate students to manage the challenges of living and working in a diverse global society. The unique focus is on families, work and their interrelationships. The mission of Family and Consumer Science education is to prepare students for family life, work life, and careers in Family and Consumer Science by providing opportunities to develop knowledge, skills, and behaviors needed for: strengthening families; becoming responsible citizens and leaders; promoting optimal nutrition and wellness across the lifespan; managing resources; balancing personal, home, family, and work lives; critical and creative thinking skills; life management and career development; effective providers and consumers of goods and services; responsibility for one's actions and success in family and work life.

**Family, Career, and Community Leaders of America (FCCLA)** is an integrated part of all courses in this department; you will be required to complete projects in direct correlation to the organization. If you would like to participate in FCCLA outside of specified class times, there is the opportunity to become a dues paying member. As such you will attend meetings, complete community service projects, STAR event projects, and the opportunity to attend FCCLA conferences and activities during the school year. Please see Mrs. Lubbers for more information.

**All students must start the FCS program with 2 of the following courses before proceeding to their preferred pathways where they will complete the courses consecutively according to levels:**

### **Culinary Essentials 1 (S1)/ Design Seminar (S2)**

Duration:	Year
Credits:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	1
Fee:	\$90/year

**Culinary Essentials 1:** This course is designed to introduce students to a variety of culinary skills and food preparation. Through instruction and culinary lab practice, this class will provide an opportunity for students to learn food preparation and demonstrate food safety. Some topics include introductory culinary skills and preparation of items such as quick breads, yeast breads, and eggs; as well as meal and menu planning, nutrition, and food borne illnesses. Students will be able to: Demonstrate the correct procedures' and techniques in introductory culinary labs. Analyze nutritional guidelines and plan menus that are nutritionally balanced. Demonstrate food safety standards.

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

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

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

**\*Students may participate in more than one pathway at a time HOWEVER they must follow the consecutive course levels in order to reach completion of a specific program.**

## **interior**

### **Pathway #1: Hospitality and Food Production**

#### **Catering 1A/1B- FAC402/403**

Duration:	Year
Credits:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>2</b>
Prerequisite:	Culinary Essentials 1/Design Seminar
Fee:	\$90/year



*This two semester program is designed for students with career interests in the food industry as well as owning their own catering business. The purpose of this course is to develop skills in quantity, food preparation, safety and sanitation, planning, customer service, business plans and entrepreneurship. FCCLA is also an integral part of this course.*

#### **Baking And Pastry (A/B)- FAC500**

Duration:	Year
Credits:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>3</b>
Prerequisite:	Hospitality and Food Production Levels 1 and 2
Fee:	\$90/year

**Baking & Pastry Arts** prepares students for successful careers as baking and pastry professionals through building a foundation of principles and skills, and then using specific applications and recipes. Students will be able to prepare a wide array of baked goods, pastries, and confections. Students will explore gluten-free baking recipe planning and preparation, altering & preparing recipes to address other allergies/dietary restrictions

#### **Advanced Baking and Pastry- FAC550**

Duration:	Year
Credits:	0.5 per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>4</b>
Prerequisite:	Hospitality and Food Production Levels 1,2, and 3
Fee:	\$90/year

Through hands-on instruction, students will master advanced baking techniques, including intricate pastry designs and artisanal bread-making. Emphasizing creativity and innovation, the course encourages students to develop their signature recipes and explore diverse flavor profiles. Additionally, students will gain entrepreneurial experience by planning, baking, and independently selling their creations, learning valuable business skills along the way. By the end of the course, students will have honed their craft, cultivated their entrepreneurial spirit, and gained a deep appreciation for the artistry of baking and pastry.

**Work-based Learning (WBL)-FCS (Pass/Fail)- CFS400**

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Alternative - Work Based Learning  
Location: Off Campus  
Level: 4  
Prerequisite: Hospitality and Food Production Levels 1,2, and 3

**Work-based Learning** students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education

**Pathway #2- Interior Design and Fashion Design**

**Interior Design- Residential (S1)/ Interior Design- Commercial (S2)- CFS200**

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 2  
Prerequisite: Culinary Essentials/ Design Seminar  
Fee: \$90/year



The purpose of this course is to expose students to various aspects of the interior design industry and is based on the industry's professional standards (Council of Interior Design Accreditation-CIDA). The first semester focuses on residential design. Students integrate knowledge, skills and practices to evaluate potential career opportunities. Areas of focus include: Introduction to Residential and Commercial Design; Design Drawings; Professional Practices/Education; Design Elements and Principles; and the Design Process.

**Fashion Design and Merchandising (1 & 2)- CFS223**

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 2  
Prerequisite: Culinary Essentials/Design Seminar

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

**FCS Leadership A/B (Pass/Fail)- FCS300**

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 3  
Prerequisite: Interior and Fashion Design Levels 1 and 2

**FCS Leadership** focuses on the leadership skills for contemporary organizations. Covers the development and communication of a shared vision to motivate and empower employees to manage conflict, to negotiate, and to develop teams.

**Work-based Learning (WBL)-FCS (Pass/Fail)- CFS400**

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Alternative - Work Based Learning  
Location: Off Campus  
Level: 4  
Prerequisite: Interior and Fashion Design Levels 1,2, and 3

**Work-based Learning** students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education

**#3- Human Services/Education and Training Pathway**

**Child Development (S1)/Education Exploration (S2)- CFS212**

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 2  
Prerequisite: Teen Choices/Interpersonal Relationships



**Child Development**

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

**Education Exploration**

Students will discover their own learning style and how learning styles impact teaching and the delivery of lessons. Experiences with various education professionals will enhance the understanding of classroom planning, licensure requirements, and career opportunities within school systems. This course includes a minimum of 15 extended learning hours, which may be outside of class time. With exemplary performance and instructor recommendation, students may apply for the Teacher Cadet program without meeting the 3.0 GPA requirement

**Teacher Cadet 1 A/B- CFS202**

Duration: Semester (This is a distance learning, college course)  
Credits: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 2  
Prerequisite: Any Level 1 Courses, Preferably Teen Choices and Child Development

**Teacher Cadet** is a full-year course designed for students who have a strong interest in, or who are considering a career related to, the occupation of "teacher" at any age or grade level. Students will complete self-assessments, participate in individual and group projects, complete observations at various ages and stages of learning, and increase their understanding of themselves and others as "learners". The culminating event in this class is 50 hours of field experience during the second semester at an area school where students will plan and deliver lessons under the supervision of a cooperating teacher. This academic elective course is fast-paced and students may apply for college credit with a "B" or higher in the class.

### **FCS Leadership A/B-FCS300**

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **3**  
Prerequisite: Human Services/Education and Training Levels 1 and 2

**FCS Leadership** focuses on the leadership skills for contemporary organizations. Covers development and communication a shared vision to motivate and empower employees to manage conflict, to negotiate, and to develop teams.

### **Work-based Learning (WBL)-FCS (Pass/Fail)- CFS400**

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Alternative - Work Based Learning  
Location: Off Campus  
Level: **4**  
Prerequisite: Human Services/Education and Training Levels 1, 2, and 3

**Work-based Learning** students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education

## **IX. ENGLISH (Language Arts)**

**\*\*\*Students must have 4 English credits and a minimum of English II in order to graduate.**

### **English Proficiency Development- ENG010**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **0**  
Placement: 8th grade Spring NWEA scores (205 and below) AND with teacher recommendations.

Course provides instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

### **Pre-English- ENG020**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **0.5**  
Placement: 8th grade Spring NWEA scores (206-219) AND with teacher recommendations.

Course provides instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

### **English I – Introduction to Literature and Composition – ENG 120**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **1**

Prerequisites: Pre-English OR 8th grade Spring NWEA Score: 220 and above, + Teacher Recommendation

This year-long class focuses on applying skills in listening, speaking, reading, writing, and referencing. Students will study a variety of literature; concentrate on reading strategies; review grammar, usage, punctuation; and write a variety of styles of composition.

### **English II – Introduction to World Literature and Composition – ENG220 (NEED AT LEAST ENG II TO GRADUATE)**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **2**

Prerequisite: English I or the equivalent

This year-long class provides a study of literature from different cultures and time periods. The class will continue to focus on critical reading and writing skills, including a study of English grammar.

## ***3rd & 4th Year English Options***

### **Literature of the Dramatic/ Creative Writing – ENG302**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **3/4**

Prerequisite: English II

These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on one or several genres, such as poetry, essay, biography, short story, drama, film, and so on. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

### **Literature of Science Fiction/ Technical Writing – ENG303**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **3/4**

Prerequisite: English II

These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills) but use literature written by authors who share a particular characteristic within the Science Fiction parameters. Students determine the underlying assumptions and values within the selected works, reflect upon the influence of a common characteristic, and compare the points of view of various authors. Oral discussion is an integral part of literature courses, and written compositions are often required.

Research/Technical Writing classes prepare students to write research papers and/or technical reports. These classes emphasize researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing in a persuasive or technical style.

### **Literature of Non-Fiction/ Workplace Composition– ENG304**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **3/4**

Prerequisite: English II

Literature—Non-Fiction Literature will focus on the same goals as in the literature courses. The reading aspect of this course will focus on real events and people. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the 'real' world.

Composition—Workplace composition will align with the English composition goals and standards. Writing includes aspects that are used frequently within the workplace. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

### **\*College English Composition I & II – ENG 121/ENG 122**

Duration: Year combination  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: NJC Building - Yuma Campus

Level: **College**

Prerequisites: Eng II, Teacher Recommendation + Accuplacer NexGen **Writing score of 246 or higher**

**1st Semester:** This course 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.

**2nd Semester:** Expands and refines the objectives of English Composition I. It emphasizes critical/logical thinking and reading, problem/definition writing patterns, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. This course will culminate in a large research project.

**College Texts will be purchased by the student; students must have text when class begins. Students will pay NJC fees.**



### **\*College Intro to Literature- Lit 115/ College Public Speaking – Com 115**

Duration: Year combination  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: NJC Building - Yuma Campus

Level: **College**

Prerequisites: Teacher Recommendation & Successful completion of English Composition 1 & 2

**College Texts will be purchased by the student; students must have text when class begins. Students will pay NJC fees.**

Semester 1: \*College Intro to Public Speaking- Com 115

Combines the basic theory of speech communication with public speech performance skills. Emphasis is on speech delivery, preparation, organization, support, and audience analysis.

Semester 2: \*College Intro to Literature - LIT 115

This course emphasizes careful reading and responding to all types of literature. Students will study many genres, literary movements, and understand the historical and cultural contexts of the pieces read.

## **X. ENGLISH AS A SECOND LANGUAGE (ESL)**

### **ESL English I – ESL**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Grade Level(s): **9,10,11,12**

Prerequisite: ESL Department approval or recommendation based on placement test (WIDA Screener) or ACCESS scores.

This course is intended only for students whose native or first language is not English.

In this course students will improve their English proficiency by developing listening, speaking, reading and writing skills. Course content includes vocabulary development for everyday communication and academic purposes. Students will improve pronunciation, oral comprehension and gain an understanding of sentence patterns and grammar of the English language.

### **ESL English II – ESL140**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Grade Level(s): **9,10,11,12**

Prerequisite: ESL English I-ESL Department approval or recommendation based on placement test (WIDA Screener) or ACCESS scores.

This course is intended only for students whose native or first language is not English. Student has successfully completed ESL I or demonstrates English proficiency above a level 2 on ACCESS or WIDA Screener. Students will improve their English skills in reading, writing, speaking and listening. They will expand their ability to communicate in English incorporating academic language and more complex sentence structures. They will be able to communicate to a broader audience for a variety of purposes. They will be exposed to a greater variety of literature and learn skills to decode meaning and understand the nuances of words for the particular genre.

# XI. MATHEMATICS

**\*\*\*Students must have 4 credits and a minimum of Geometry in order to graduate.**

Students will be eligible to enroll in higher level math courses by successfully meeting course standards requirements. (Mathematical tools such as a protractor, compass, graph paper and a calculator are required in Pre-Algebra, Algebra I and Geometry.)

## **General Mathematics- MAT 010**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Levels: **0**

Prerequisite: 8th grade teacher recommendation and Spring NWEA scores below 220  
General Mathematics courses reinforce and expand students' foundational mathematical skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities.

## **Pre-Algebra- MAT 020**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Levels: **0.5**

Prerequisite: 8th grade teacher recommendation and Spring NWEA scores below 220  
Course will increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, algebraic expressions, and solving first-degree equations and inequalities.

## **Algebra I – MAT116**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **1**

Prerequisite: Pre-Algebra Content, Teacher recommendation + 8th Grade Spring NWEA Score of 220- 245

The content of this class emphasizes the integration of Algebra with real world applications and connections to other topics, in line with the State of Colorado Academic Standards. Emphasis will be placed on maintaining and enhancing numbers, Investigation of linear relations and functions, their numerical, algebraic, geometric, and symbolical forms, quadratic, exponential, and rational expressions and functions will also be introduced, Appropriate use of technology key skills that students need for algebraic understanding.

## **Geometry – MAT120 (MUST HAVE AT LEAST GEOMETRY TO GRADUATE)**

Duration: Year  
 Credit: 0.5 per Semester  
 Instruction: Direct - In Person  
 Location: Yuma High School  
 Level: **2**  
 Prerequisite: Algebra I content; Teacher Recommendation + 8th Grade Spring NWEA Scores (245+)  
 The content of this class emphasizes the integration of Geometry with real world applications and connections to other topics, in line with the State of Colorado Academic Standards. Emphasis will be placed on maintaining and enhancing key skills that students need for understanding. Sample topics to be covered: tools of geometry, reasoning and proof, characteristics of geometric figures including triangles, quadrilaterals, circles, trigonometry and probability, and appropriate use of technology to learn and enhance student understanding of Geometry.

**The equivalent of a Texas Instrument 82 or 83 calculator or higher is strongly recommended for all students in all mathematics courses at the Algebra II level and higher. Calculators will be provided for in-class use only.**

**Algebra II – MAT210**

Duration: Year  
 Credit: 0.5 per Semester  
 Instruction: Direct - In Person  
 Location: Yuma High School  
 Level: **3/4**  
 Prerequisite: Geometry

This class content is aligned to the Colorado Academic Standards, and is designed to understand Algebra as a study of the structure of the systems of real and complex numbers. Emphasis of the course will be utilizing basic concepts needed for Algebraic understanding and application to advanced mathematics and science, while also incorporating the use of technology. Sample topics to be covered include; quadratic and higher-order functions, matrices, polynomial and rational functions, discrete mathematics.

**Business Math – MAT404**

Duration: Year  
 Credit: 0.5 per Semester  
 Instruction: Direct - In Person  
 Location: Yuma High School  
 Level: **3/4**  
 Prerequisite: Algebra I, Geometry, Teacher recommendation

This class content is designed to utilize basic concepts needed for understanding mathematics and application to business, finance, and economics, while also incorporating the use of technology. Sample topics to be covered include; balance sheets, interest, growth models and other pertinent business applications.

**Probability and Statistics**

Duration: Semester 1 (along with **\*Career Math (NJC. MAT 1140)**)  
 Credit: 0.5  
 Instruction: Direct - In Person  
 Location: Yuma High School  
 Levels: **3/4**  
 Prerequisite: Geometry

This class is aligned to the Colorado Academic Standards and is designed to provide a more in-depth understanding of probability and statistics. This course will provide numerous problems dealing with fractions, decimals, and percents. Technology will be used to provide samples for probability, and how technology can give you the answers to basic statistics (example: mean, median, mode, box and whisker plots, histograms, etc.

**\*Career Math (NJC. MAT 1140)**

Duration: 2nd Semester (along with probability and statistics)  
 Credit: 0.5 per Semester  
 Instruction: Direct - In Person  
 Location: Yuma High School  
 Level: **College**  
 Prerequisite: Algebra I, Geometry, Accuplacer NexGen **AR (Algebraic Reasoning) of 265, & QA (Quantitative Analysis) of 240**

REQUIRED COURSE LEARNING OUTCOMES: 1. Solve problems using proportions. 2. Perform computations with integers, fractions, and numbers in scientific notation. 3. Solve elementary algebraic equations and formulas. 4. Interpret measurements with a variety of units. 5. Classify geometric angles, shapes, and solids. 6. Analyze geometric angles, shapes, and solids. 7. Interpret basic descriptive statistics.

**\*College Algebra – MAT 600 (NJC. MATH 1340)**

Duration: 1<sup>st</sup> Semester  
 Credit: 0.5 per Semester  
 Instruction: Direct - In Person  
 Location: Yuma High School  
 Level: **College**  
 Prerequisite: Algebra II, Accuplacer NexGen **Algebraic Functions (245) & Quantitative Analysis (250)**  
 Fees/Supplies: College textbook and on-line course access paid for by the student and NJC registration plus placement fee

This course is administered in conjunction with Northeastern Junior College and is designed to provide students with a college-level algebra curriculum coupled with college-level expectations. The course will include: algebraic equations and inequalities, graphs, exponential and logarithmic functions, matrices, conic sections, and probability.



**\*College Trigonometry – MAT602 (NJC. MATH 1420)**

Duration: 2nd Semester  
 Credit: 0.5 per Semester  
 Instruction: Direct - In Person  
 Location: Yuma High School  
 Level: **College**  
 Prerequisite: Algebra II, \*College Algebra, teacher recommendation  
 Fees/Supplies: College textbook and on-line course access paid for by the student and NJC registration plus placement fee.

This course is administered in conjunction with Northeastern Junior College and is designed to provide students with a college-level trigonometry curriculum coupled with college-level expectations. The course will include: trigonometric functions (with graphs and inverse functions, vectors, identities and equations, solutions of triangles, circular functions and their inverses, complex numbers, and other topics as time permits. This is a traditional prerequisite course to the calculus sequence.

### **\*College Introduction to Statistics - (NJ, MAT 1260)**

Duration: 1st Semester  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **College**  
Prerequisite: Algebra 2, teacher recommendation,  
Fees/Supplies: College textbook and on-line course access paid for by the student and NJC registration plus placement fee.

Introduces descriptive and inferential statistics, with an emphasis on critical thinking and statistical literacy. Topics include methods of data collection, presentation and summarization, introduction to probability concepts and distributions, and statistical inference of one and two populations. This course uses real world data to illustrate applications of a practical nature.

### **\*College Calculus -(NJ, MAT2410)**

Duration: 2nd Semester  
Credit; 0.5 per Semester  
Instruction: Alternative - Supplemental Online  
Location: Yuma High School  
Level: 4  
Prerequisite: Algebra 2, College Algebra, College Trigonometry  
Fees/Supplies: College textbook and on-line course access paid for by the student and NJC registration plus placement fee.

Introduces single variable calculus and analytic geometry. It includes limits, continuity, derivatives, and applications of derivatives as well as indefinite and definite integrals and some applications.

## **XII. MUSIC**

### **Choir- MUS100**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **1-4**  
Prerequisite: None



The concert choir will perform literature from all eras of music history. While enrolled in this class, students will learn the principles of basic musicianship, along with proper vocal technique. Culminating performances are a meaningful and mandatory component of this class.

### **Show Choir- MUS101**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **1-4**  
Prerequisite: None

The Show Choir Performance Ensemble offers high school students a dynamic and immersive experience in vocal music, dance, and theatrical performance. This course combines the excitement of musical theater with the discipline of choral singing to create entertaining and memorable productions. Students will work collaboratively to learn and perform a diverse repertoire of popular songs, show tunes, and choreographed routines, showcasing their talents in vibrant stage productions throughout the school year. Through rehearsals, performances, and skill-building activities, students will develop their vocal technique, stage presence, and teamwork skills while fostering a deep appreciation for the arts.

### **Band – MUS110**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **1-4**

Prerequisite: Own or rent your instrument

High school band is open to all students, grades 9-12. Performances include school concerts, League Honor Band, Solo & Ensemble, Large Group contest, All State Band and Pep and Marching Band. Depending on various factors such as available funds and time constraints, a music festival in Denver is certainly possible.

### **History of Rock and Roll - MUS214**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: 1

Prerequisite: None

This course chronicles the music of the world from 1930-present day. Students will be introduced to genres/artists/playing styles of each major era, and presented with a full play-list for each said era.

### **Guitar – MUS212**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **1-4**

Prerequisite: Own or rent your instrument; no instrument will be provided.

Students will learn the basics of acoustic guitar, while reading and playing a variety of musical selections. THESE COURSES MAY ALSO INCLUDE MORE ADVANCED GUITAR-PLAYING TECHNIQUES

### **Music Theory- MUS313**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **1-4**

Prerequisite: None

Music Theory courses provide students with an understanding of the fundamentals of music and include the following topics: composition, arranging, analysis, aural development, and sight reading.

### XIII. PHYSICAL EDUCATION

#### **Physical Education/Health (Graduation Requirement) – PE100/106**

Duration: Year, with Health  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **1 (9th grade only)**  
Prerequisite: None  
Fees/Supplies: shorts, t-shirt and gym shoes

This class is taken in conjunction with Health (2<sup>nd</sup> para below). This course is structured to give each student equal experience in developing a high state of physical readiness (strength, endurance, coordination, flexibility, and agility) through various exercises, participation in motor skills activities, running and apparatus work. This class will allow students to learn the basic skills, rules and regulations pertaining to various activities.

Health studies the everyday aspects of stress, drug and alcohol use/abuse, HIV/AIDS, human sexuality, improving self-esteem, mental health, and consumerism. The foundation of each of these topics centers on decision-making. This class will practice the behaviors associated with making the right choices for a healthier lifestyle.



#### **Lifetime Fitness – PE220**

Duration: Semester/Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **2-4**  
Prerequisite: Physical Education/Health  
Fees/Supplies: shorts, t-shirt and gym shoes

This course is designed for students with a passion to improve their athletic ability for sports competition. The class is designed to make YHS student athletes better by incorporating agility, plyometric, conditioning, and a rigorous weight training program. The students will have intensive weight training to build strength, core muscle enhancement with daily agility and flexibility exercises using a variety of drills to help performance while conditioning to prevent injury.

#### **Womens Fitness/Conditioning Activities- PE230**

Duration: Semester/Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **2-4**  
Prerequisites: None  
Fees/Supplies: Shorts, Shirt, Gym Shoes, Pen/Pencil, Binder

Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

### **Recreational Sports and Fitness- PE240**

Duration: Semester/Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **2-4**

Prerequisites: None

Fees/Supplies: Shorts,Shirt,Gym Shoes, Pen/Pencil, Binder

This course is designed with a variety of recreational games, sports drills, and fitness challenges. Students will explore different fitness modalities, including cardio, strength training, and flexibility exercises, catering to individual abilities and interests. Through teamwork, cooperation, and friendly competition, students will not only improve their physical fitness but also develop important life skills such as communication, leadership, and resilience.

### **General Weights- WEI100**

Duration: Semester/Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **2-4**

Prerequisites: None

Fees/Supplies: Shorts,Shirt,Gym Shoes, Pen/Pencil, Binder

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

### **Athletic Weights: Strength, Conditioning, and Agility Training- WEI200**

Duration: Semester/Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **2-4**

Prerequisites: **Must be a student athlete**

Fees/Supplies: Shorts,Shirt,Gym Shoes, Pen/Pencil, Binder

This course is designed for students and/or athletes who want to focus on strength conditioning and agility directly related to their activity or sport(s). Class is recommended for students who participate in two or more sports per year. In this class students will learn about exercises and what muscle groups they exercise. This will be a very intense and rigorous class. The main goal is to build strength and endurance while maintaining or improving flexibility, through various exercises, which leads to higher performance and better odds to prevent injury.



## XIV. SCIENCE

\*\*\*Students must have 3 science credits in order to graduate.

All courses in the YHS Science Department meet the definitions of Laboratory science and are recommended for college entrance and NCAA requirements

### Earth Science – SCI 100

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 1  
Prerequisite: None

This is an in-depth analysis of topics in Earth science. Emphasis will be on the scientific method, movements of the moon-Earth-Sun system, structure and composition of Earth, Plate Tectonics, Earth history, ocean systems, weather, Earth resources, and astronomy; including formation of the universe and its evolution. Course work will include problem solving, critical thinking, measurement, laboratory work, discussion of relevant topics, and reporting.

### Biology – SCI 200

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 2  
Prerequisite: Earth Science

Biology is a comprehensive course that introduces the conceptual bases of biology. Focus is placed on the following areas: cell biology, biochemistry, genetics, metabolism, ecology, evolutionary mechanisms and an overview of the kingdoms of life. Students will be required to perform laboratory exercises, as well as write and read about their learning. Biology is a prerequisite for all upper level science courses.

### Physical Science - SCI 300

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 3  
Prerequisite: Biology

This is an in-depth course aimed towards students who need to complete their third science credit. This course is designed for students who are not pursuing a math or science career. Laboratory skills are emphasized in this class, including use of basic lab equipment, measurement, critical thinking, and reporting. Topics of study include, but are not limited to: analysis of motion in both one and two dimensions, Newtonian physics, energy, simple harmonic motion, waves, structure of an atom, bonding, and chemical equations.

### Chemistry – SCI 330

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: 3

Prerequisite: Completed biology class and concurrent enrollment or completion of Algebra II  
This course is an in-depth introductory chemistry course aimed towards and highly recommended for those planning a scientific or technical career including agriculture, forestry, medical, engineering, or any other scientific discipline. Chemistry will introduce students to topics including atomic structure, electron configurations, periodic trends, chemical naming and formula writing, bonding, the mole, chemical reactions, and stoichiometry. Laboratory skills are emphasized in this class, including qualitative and quantitative analysis, measurement, critical thinking, and reporting.

## Science Electives

### **Scientific Research - SCI 410 (SCIENCE ELECTIVE)**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **1-4**

Prerequisite: Teacher Recommendation

**With teacher recommendation~ class size will be limited; Additional selection/application process may be required.**

Prerequisite: Recommendation from past science instructor **and** permission from the instructor

Fees/Supplies: Depending on the research topic selected, students may be responsible for purchasing needed supplies/equipment. Students wishing to have posters professionally printed (not required) should plan on printing costs (\$75).

The purpose of this course is to introduce high school students to scientific processes. This will be achieved through student selection of questions relating to science topics and the development/implementation of an independent research project in an attempt to find probable solutions to questions. Students will apply real world applications, laboratory experimentation and procedures, technology, and problem solving skills throughout the process. Additionally, students will gain a working understanding of science research skills such as formulating a question, making predictions, collecting and interpreting data, graphing data, drawing conclusions and effectively communicating data both orally and written.

### **Exploration in STEM- SCI 420 (SCIENCE ELECTIVE)**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **3/4**

Prerequisite: Teacher Recommendation

Practical Applications in STEM introduces students to the relationships among science, technology, engineering, and math. This course is designed for students who are looking to pursue careers in a STEM-related field. Topics covered may include, but are not limited to electricity basics, renewable energy, robotics, GIS, and electronic circuits. Emphasis will be placed on discovery through hands-on experiences and application to real-world experiences.

### **Human Anatomy/Physiology – SCI 440 (SCIENCE ELECTIVE)**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **3/4**

Prerequisite: Physical Science, Biology

The class is centered on the investigation of human physiology and anatomy by conducting a variety of clinical tests and experiments and discussing current medical topics. Systems that will be pursued in depth will be the integument, muscular, skeletal, circulatory, digestive, excretory, respiratory, and reproductive.

## XV. SOCIAL STUDIES

\*\*\*Students must have 3 credits including World History, US History, and American Government in order to graduate.

### World History-Geography- HIST100

Duration: Year  
Credits: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: 1

World History is a two semester course that is a required class taken during the 9th grade year. The course will be taught dealing with events that occurred after the Middle Ages through current times. These events will be taught thematically with current issues intertwined throughout the course. The students will learn how to question historical ideas to create their own understanding of the evolving relationships between countries. Geography themes and ideas will be taught throughout the course, as well.

### U.S. History- HIST 213

Duration: Year  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: 2

United States History is a two semester course that is a required class taken during the 10th grade year. The course will be taught starting at the end of the Civil War – the Reconstruction Period through current history. The students will learn how to question historical ideas and create their own understanding of the way our country developed. The students will learn the changes that have occurred throughout history and how those changes have developed into the ideas we use today. The students will also be able to put the United States into an interdependent world.

### American Government- HIST 401

Duration: Year  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: 3

This course focuses on the principles of the American system of government so that students can understand the rights and responsibilities that come with U.S. citizenship. The course also focuses on the U.S. Constitution and looks at the various branches of government and the roles they play. Students will also learn how laws are enacted and how their civil rights are protected under law.

## **Social Studies/History Electives**

### Cultural Issues-HIST301 (History Elective)

Duration: Semester 2 (along with World Geography)  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: 3/4

Prerequisite: World History and US History

This semester-long course will look at current events and issues affecting global interactions. Students will use critical thinking skills to analyze, compare/contrast, and discuss issues that are currently affecting the United States and other nations. Topics discussed may include, but are not limited to, Foreign Policy, Social Roles, Prejudice and Discrimination, Healthcare Systems, Crime and Poverty, and Mental Health Issues.

### **World War II & The Holocaust-HIST303 (History Elective)**

Duration: Year  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: Yuma High School

Level: **3/4**

Prerequisite: World History and US History

In this course we will explore the development of Nazi Germany that led to World War II and ultimately the Holocaust. This course will focus not only on the fighting that took place in both the European and Pacific Theaters, but also the causes, domestic impacts, cultural changes, and the lasting impacts of central events such as the Holocaust and use of the atomic bombs. Through the use of photos, videos, and firsthand accounts we will examine how the world could be thrust into a war that would forever change the interactions among countries, the way we fight wars, and what human beings are truly capable of. This course will also look at how we remember World War II and the Holocaust through the examination of memorials, museums, and Hollywood films.

## **XVI. Transitional Program**

All courses in the Transitional Program are modified to meet the unique individual needs of students with Individualized Education Plans (IEP). These courses will serve as elective credits.

### **Transitional Academic Support – RES700**

Duration: Year  
Credit: 0.5 per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Grade Level: **9, 10, 11, 12**  
Prerequisites: Students with Individual Educational Plans.

The goal of my special education class is to help students to excel and be successful in their educational path. Through each day we work to have students with Individualized Education Plans achieve their goals and gain confidence on what they can accomplish daily and throughout their school years.

### **Life Skills - RES706**

Duration: Year  
Credit: 0.5 per semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **9, 10, 11, 12**  
Prerequisite: Students with Individualized Education Plans

The life skills curriculum is a set of lessons that teach essential skills for living independently and successfully in the world. This life skills curricula focus on different topics, such as fitness, nutrition, study skills, self-esteem, conflict resolution, and cultural awareness. Over the school year the course will also help students develop self-awareness, empathy, critical thinking, decision making, problem solving, communication, and coping skills.

### **ESL Resource – ESL100**

Duration: Year  
Credit: 0.5 per Semester / elective  
Instruction: Direct - In Person  
Location: Yuma High School  
Grade Level(s): **9,10,11,12**

English Department recommendation based on evaluation of assessments: Federal, State (W-APT or ACCESS), District, and classroom.

This course provides academic support for students who are concurrently enrolled in a standard level English Language Arts course. This course is designed to support the student through a combination of pre-teaching, and a variety of reading and writing strategies targeting the English language in-context thus enhancing the student's ability to access academic content independently.

## XVII. Advisement

### **9-12 Advisement- ADV 100, 200, 300, 400 (Graduation Requirement)**

Duration:	Year Long
Credits:	0.125 per semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>1,2,3,4</b>
Prerequisite:	NONE

This year-long course will focus on each student's high school pathway/graduation plan, along with financial literacy, employability skills and college/career readiness.

## XVIII. Senior Seminar

### **Senior Seminar-SEN 100 (Graduation Requirement)**

Duration:	Year Long
Credits:	0.5 Per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>4</b>
Prerequisite:	Have to be a senior

This year-long course will focus on financial literacy, employability skills, and career/college readiness.

## XIX. POST-SECONDARY ENROLLMENT OPTIONS (DUAL CREDIT)

Yuma High School and Yuma School District 1 has entered into an agreement with Northeastern Junior College of Sterling that makes many college general education core courses available to qualified students on our campus. ALL students enrolled in college credit courses will be required to have a minimum score on a current ACT exam or take the college placement test (Accuplacer), which can be administered right here at YHS. It is our intent to focus on general education core courses since those courses will transfer to colleges throughout the state.

### **\*ACC1001- College Fundamentals of Accounting**

Duration:	Semester
Credits:	0.5 Per Semester
Instruction:	Alternative - Supplemental Online
Location:	Yuma High School
Level:	<b>College</b>

Introduces accounting fundamentals with emphasis on the procedures and practices used in business organizations. Major topics include the accounting cycle for service and merchandising companies, including end-of-period reporting. (3-0)

### **\*AGB1002- College Foundations of Ag Business (Offered at YHS)**

Duration:	Semester
Credits:	0.5 Per Semester
Instruction:	Direct - In Person
Location:	Yuma High School
Level:	<b>College</b>

Focuses on the foundational aspects of the primary agriculture business areas including economics, management, marketing, sales, and finance in an applied manner. Current events in agriculture are discussed with emphasis on application to agribusiness. (3-0)

**\*ASC1100- College Intro to Ani. Sci. - Hybrid**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Blended Learning  
Location: Yuma High School  
Level: **College**

Covers the basic fundamentals of livestock production including the principles of nutrition, reproduction, breeding, genetics, health, and physiology of cattle, sheep, swine, horses, and other farm species. Trends and issues in animal science and animal agriculture are also discussed in this course. (3-0)

**\*BIO1004- College Biology: A Human Approach**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online  
Location: Yuma High School  
Level: **College**

Develops a basic knowledge of the structure and function of the human body by studying the body's structure as a series of interrelated systems. Includes cardiovascular, respiratory, digestive, lymphatic, musculoskeletal, nervous, endocrine, reproductive and urinary systems, and genetics. Emphasizes disease prevention and wellness. This course includes laboratory experience. Recommendation: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the [GT-SCI category](#). (3-2)

**\*BIO1112- College General Biology II**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online  
Location: Yuma High School  
Level: **College**

Examines the fundamental principles of ecology, evolution, classification, structure, and function in plants and animals. This course includes laboratory experience. Prerequisite: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the [GT-SCI category](#). (4-2)

**\*BUS1015- College Introduction to Business**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online  
Location: Yuma High School  
Level: **College**

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. (3-0)

**\*BUS2016- College Legal Environment of Business**

Duration: Year Long  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online  
Location: Yuma High School  
Level: **College**

Emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and business. Specific attention is given to economic regulation, social regulation, labor-management issues, environmental issues, and contract fundamentals. This course analyzes the role of law in social, political, and economic change business environments. (3-0)

**\*COM1150-College Public Speaking (Distance Learning)**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: NJC - Yuma Campus  
Level: **College**

Combines the basic theory of speech communication with public speech performance skills. Emphasizes on speech delivery, preparation, organization, support, audience analysis, and delivery. (3-0)

**\*ENG1021- College Composition I (Distance Learning)**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: NJC - Yuma Campus  
Level: **College**

Emphasizes planning, writing, and editing/revisions of compositions, coupled with development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. This is a Statewide Guaranteed Transfer course in the [GT-COI](#) category. Prerequisite: College Readiness in English. (3-0)

**\*HPR1010- College Dietary Nutrition**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Blended Learning  
Location: Off Campus (Monday's) - Yuma High School (Tuesday - Friday)  
Level: **College**

Studies the basic nutritional principles in clinical practice in health care. The course will cover factors which influence the nutritional status of individuals, methods of nutritional assessment and support, and diet modification for specific disease states. (1-0)

**\*MAT1120- College Math for Clinical Calculations**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online  
Location: Yuma High School  
Level: **College**

Covers the mathematical calculations needed for enteral and parenteral medication administration. It is designed for students in the health disciplines. Topics include measurements, conversion between various systems of measurements, and methods of solving problems related to drug dosage and medication administration. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0)

**\*MAT1160- College Financial Math**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online  
Location: Yuma High School  
Level: **College**

Covers the fundamentals of financial mathematics. Topics including pricing, taxes, insurance, interest, annuities, amortization, investments. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0)

**\*MAT1260- College Intro to Statistics**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online/Direct - In Person  
Location: Yuma High School  
Level: **College**

Introduces descriptive and inferential statistics, with an emphasis on critical thinking and statistical literacy. Topics include methods of data collection, presentation and summarization, introduction to probability concepts and distributions, and statistical inference of one and two populations. This course uses real world data to illustrate applications of a practical nature. This is a Statewide Guaranteed Transfer course in the [GT-MAI category](#). Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0) A.A. & A.G.S. Degrees only.

**\*MAT1340- College Algebra**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: Yuma High School  
Level: **College**

Focuses on a variety of functions and exploration of their graphs. Topics include: equations and inequalities, operations on functions, exponential and logarithmic functions, linear and non-linear systems and an introduction to conic sections. This course provides essential skills for Science, Technology, Engineering and Math (STEM) pathways. This is a Statewide Guaranteed Transfer course in the [GT-MAI category](#). Prerequisite: Successful completion of MAT0300 with a "C" grade or better OR appropriate [placement score](#). (4-0)



**\*PHI1012- College Ethics**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: NJC - Yuma Campus  
Level: **College**

Examines human life, experience, and thought in order to discover and develop the principles and values for pursuing a more fulfilled existence. Theories designed to justify ethical judgments are applied to a selection of contemporary personal and social issues. This is a Statewide Guaranteed Transfer course in the [GT-AH3 category](#). (3-0)

**\*PSY1001- College General Psychology**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online/Direct - In Person  
Location: NJC - Yuma Campus/Yuma High School  
Level: **College**

Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning, and memory. This is a Statewide Guaranteed Transfer course in the [GT-SS3 category](#). Prerequisite: College Readiness in English. (3-0)

**\*PSY2440- College Human Growth & Development**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Alternative - Supplemental Online/Direct - In Person  
Location: NJC - Yuma Campus/Yuma High School  
Level: **College**

Examines human development from conception through death emphasizing physical, cognitive, emotional and psychosocial factors. This is a Statewide Guaranteed Transfer course in the [GT-SS3 category](#). Prerequisite: College Readiness in English. (3-0)

**\*SOC1001- College Intro to Sociology**

Duration: Semester  
Credits: 0.5 Per Semester  
Instruction: Direct - In Person  
Location: NJC - Yuma Campus  
Level: **College**

This course examines the basic concepts, theories, and principles of sociology, including topics of culture, race, class, gender, sexuality, social groups, and deviance through a local and global lens. Analyzes and interprets socio-historic as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. This is a Statewide Guaranteed Transfer course in the [GT-SS3 category](#). Prerequisite: College Readiness in English. (3-0)

### **College Entrance Exam Schedule**

**PSAT** - Preliminary Scholastic Aptitude Test is **given to all Freshmen & Sophomores**

**SAT** – The American College Test is a statewide assessment given to all juniors attending public schools in Colorado. *It is an individual student responsibility if one wants to take an additional National level SAT. To register online prior to the test deadline date which is approximately 5 weeks before the test go to [sat.org/register](http://sat.org/register).*

The National ACT is still available at [act.org](http://act.org)

## **XXI. CREDIT RECOVERY COURSES**

Yuma High School offers credit recovery courses through Colorado Digital Learning Systems (CDLS) for students who need to recover core classes required for graduation. Students can only take credit recovery courses through CDLS online if they are not offered, or available, in person at Yuma High School. Any CDLS course must be admin approved.

### **CDLS Courses**

Duration:	Semester
Credits:	0.5 Per Semester
Instruction:	Alternative - Supplemental Online
Location:	Yuma High School
Level:	<b>1-4</b>
<b>Online Course List:</b>	<b><a href="https://www.coloradodls.org/courselist">https://www.coloradodls.org/courselist</a></b>

Direct- In person: means taught at YHS by a YHS teacher or synchronously.