Ganado High School
Course Catalog: 2024-2025

Table of Contents

G.U.S.D. #20 Governing Board and Administration

Joseph Mora, Board President
Wallace James, Clerk
Allen Blacksheep, Member
Patrick Burns, Member
Marcarlo Roanhorse, Member
Dr. Leandra Thomas, Superintendent

G.U.S.D. #20 Mission Statement

"Ensure all students receive a quality education and strengthen Diné cultural values for life-long learning."

G.U.S.D. #20 Vision Statement

"To be a professional learning community that focuses on students exceeding educational expectations."

Ganado High School Mission Statement

To provide a rigorous and applicable curriculum, which allows all students to succeed for college and/or careers."

Ganado High School Vision Statement

Graduate
On time, on task
Attendance over 90%
Learn
Study

FORWARD

TO STUDENTS AND PARENTS:

Ganado High School is proud to offer the 2024-2025 course catalog to students and parents. As determined by the Arizona Department of Education (ADE), students are expected to meet graduation requirements set forth by ADE. Please be aware, some courses in the course catalog may not be available at the time of scheduling or at the start of the school year. The course catalog is to be used as a guide in planning your high school academic program so that you are aware of graduation requirements, course offerings and prerequisites.

As you plan your program, be sure to:

1. Select courses that meet graduation requirements and meet the prerequisites. (Take the highest level you can handle successfully.)
2. Check to see if you have met the prerequisite for each course.
3. Make alternative course selections so you will not be randomly placed as courses fill.
4. Obtain teacher's signature for any course requiring prerequisites.
5. Check to see that your registration form is complete, including your parent/guardian signature. Incomplete forms cannot be processed and may delay registration.
6. Discuss your schedule with your parents, teachers and counselor so that the courses are appropriate for your career pathway and/or college plans.

Remember, schedules will not be changed unless:

The course is cancelled or full.
The course was completed in summer school, Saturday school, or by correspondence.
The Student has already received a passing grade for the class.
The student is at the wrong level of an academic requirement.
Approved by the Principal and/or Administrator.

Non-Discrimination Policy

It is the policy of the Ganado Unified School District to prohibit discrimination and harassment in any program and activity including vocational/technical education programs, and to provide equal access to all students regardless of sex, race, color, religion, ancestry, national origin, physical handicap and/or medical condition. The lack of English language skills shall not be a barrier to admission and participation in the district's activities and programs. In addition, the right of a student to participate fully in classroom instruction shall not be abridged or impaired because of any other reason not related to the student's individual capabilities.

GRADUATION REQUIREMENTS

Students and parents should not assume that colleges and universities would recognize Ganado High School's weighted grade in their GPA calculation or admissions formulas. Depending on who is reviewing a student's Grade Point Average (GPA), it can vary widely. High schools, colleges, scholarships, and grant programs all make their own decisions about how they calculate a student's GPA.

Grades	Performance	Un-weighted Grade Points	Weighted Honors Grade Points	Weighted Dual Enrollment Grade Points
A	**EXCELLENT**	4	4.5	5
B	**ABOVE AVERAGE**	3	3.5	4
C	**AVERAGE**	2	2.5	3
D	**BELOW AVERAGE**	1	1	1
F	**FAILING**	0	0	0

Current Graduation Requirements 2024-2025

English	4.0 credits
Mathematics	4.0 credits
Science	3.0 credits
Social Studies	3.0 credits
CTE or Fine Arts	1.0 credits
PE/Health	1.0 credits
Electives	6.0 credits
Total	22.0 credits

HONORS WEIGHTED COURSES

Honors level courses have higher rigor and expectations for independent student work; therefore, they are given more weight in comparison to general level courses. The grade received in the following courses will be given the designated weight in the computation of the Grade Point Average (GPA). This will be in accordance with the state universities' academic index of class ranking. Ganado High School reserves the right to add additional classes to this list as we begin to offer more classes in accelerated areas. No student will be denied access to these courses provided they follow the prerequisites needed to be successful in these courses, and that they and the parents understand the commitment for success.

A= 4.5 B=3.5 C=2.5 D=1.0 F=0

CTE DUAL ENROLLMENT and NPC TALON WEIGHTED COURSES

All Dual Enrollment CTE classes All NPC TALON Courses

A= 5.0 B=4.0 C=3.0 D=1.0 F=0

The student(s) with the highest GPA/class ranking will be considered for the Valedictorian/Salutatorian at graduation. A student who transfers to Ganado High School after their freshman year will not be given weighted credit for classes taken at another school, unless those classes have been taken in their junior or senior year. They must be the same weighted classes offered at Ganado High School to receive the weighted grade. The Top 10%, Valedictorian, and Salutatorian will be selected from the 2025 cohort.

RECOMMENDED COURSE OF STUDY

Curriculum	GHS General Program of Study	GHS CTE Program of Study	GHS University Bound Program of Study
English	4 credits • English 9 • English 10 • English 11 English 12 • OR English Honors (9,10, 11, or 12)	4 credits • English 9 • English 10 • English 11 English 12 • OR English Honors (9,10, 11, or 12)	4 credits • English 9 • English 10 • English 11 English 12 • OR English Honors (9,10, 11, or 12) • OR NPC TALON English 101/102
Math	4 credits • Algebra 1 • Geometry • Algebra 2 • Career Math or • Algebra 3	4 credits • Algebra 1 • Geometry • Algebra 2 • Career Math or • Algebra 3	4 credits • Algebra 1 • Geometry • Algebra 2 • Career Math, Algebra 3, PreCalculus, NPC TALON Math 189/152/221/ or 231
Science	3 Lab Sciences • Earth Science • Biology • Chemistry 1	3 Lab Sciences • Earth Science • Biology • Chemistry 1	4 Lab Sciences • Earth Science • Biology • Chemistry 1 • Additional science
Social Studies	3 credits • World History/ Geography • US/AZ History, • US Government /Economics	3 credits • World History/ Geography • US/AZ History, • US Government /Economics	3 credits • World History/ Geography • US/AZ History, • US Government /Economics
PE/Health	1	1	1
Fine Arts (or CTE)	1		1
CTE		3-4(depends on CTE Program)	
Electives	6	3-4	3 (May include CTE Courses)
Foreign Language			2 (has to be the same language i.e. Spanish 1 and Spanish 2)
TOTAL REQUIRED COURSES	**22**	**22**	**22**

Chief Manuelito scholarship requires 1 credit of Navajo Language 1, 0.5 credit of Dine History & Government, 21+ ACT score and 3.2 GPA or above. The lower the ACT score, the higher GPA requirement. Must be enrolled with the Navajo Nation Tribal Enrollment.

Foreign Language –The 3 universities in Arizona accept Dine language as a Foreign Language requirement other universities DO NOT ACCEPT Dine Language as a Foreign Language. PLEASE check with the University the student will be attending.

COURSES OFFERED

English

- Reading for Success
- English 9/Speech
- Honors English 9/Speech
- English 10/Speech
- Honors English 10/Speech
- English 11/Speech
- English 12/Speech
- NPC TALON ENL 101
- NPC TALON ENL 102

Fine Arts

- Art I - Elements of Art
- Art II - Principals of Design
- Art III - Art Studio
- Art IV - Advanced Art Studio
- NPC TALON ART 101
- NPC TALON SPT 130 (Intro to Theater)

Foreign Language

- Dine Language I
- Dine Language II
- NPC TALON SPA 101
- NPC TALON SPA 102

Math

- Algebra IA-IB
- (H) Algebra IA-IB
- Algebra IA-IB
- (H) Algebra IIA-IIB
- Geometry A-B
- (H) Geometry A-B

Math Electives

- Career Math
- Algebra IIIA-IIIB
- Trigonometry/Pre-Calculus
- Calculus
- Foundations of Math Concepts
- NPC MAT 103
- NPC TALON MAT 152
- NPC TALON MAT 189
- NPC TALON MAT 221
- NPC TALON MAT 231

Physical Education/Health

- Physical Education
- Health
- Adapted Physical Education
- Weights

Science

- Biology with Lab
- Physical Science with Lab
- Chemistry I with Lab

Science Electives

- Chemistry II with Lab
- Earth Science with Lab
- Environmental Science with Lab
- Physics with Lab

Social Studies

- World History
- US/AZ History
- Economics/U.S. Government
- Diné History/Government I

Social Studies Electives

- Dine History/Government II
- NPC TALON HIS 105
- NPC TALON HIS 106
- NPC TALON ECN 211
- NPC TALON POS 110
- NPC TALON PSY 101
- NPC TALON PSY 240
- NPC TALON ANT 102

Other

- **Alternative Education**
- **Hornet Time (Reteach and Enrich)**

Career and Technical Education Courses

- Career Exploration
- Communications Media Technology (Computer/ Business Applications)

Animal Systems (CTE)

- Animal Systems I
- Animal Systems II
- Animal Systems III
- Animal Systems/Veterinary Science IV

Architectural Drafting (CTE)

- Architectural Drafting I
- Architectural Drafting II
- Architectural Drafting III

Construction Technology (CTE)

- Construction Technology I
- Construction Technology II
- Construction Technology III

Culinary Arts (CTE)

- Culinary Arts I
- Culinary Arts II
- Culinary Arts III

Graphic Design (CTE)

- Graphics & Web Design I
- Graphic Design II
- Graphic Design III

Home Health Aide

- Home Health Aide I
- Home Health Aide II
- Home Health Aide III (Medical Terminology)
- Home Health Aide IV (DCW)

Welding Technology (CTE)

- Welding I
- Welding II
- Welding III

ACADEMIC COURSE DESCRIPTIONS

ENGLISH COURSES

English/Speech 9 (Full Year: 1.0 Credits) This course is aligned with Arizona College and Career Ready Standards in Reading, Writing, Speaking and Listening, and Language and is designed to prepare students for college and career readiness. Students will closely read a wide variety of informational and literary texts from diverse perspectives in order to present arguments and write analytically. Writing activities give students practice in organizing and developing narrative writing, writing research papers, and providing evidence for arguments. Yearlong emphasis will be placed on reading strategies for comprehension, literary elements, citing specific text evidence, and mastering the conventions of Standard Written English.

- Grade Level: 9
- Prerequisites: None
- Course Status: Required

Honors English/Speech 9 (Full Year: 1.0 Credits) This course is aligned with Arizona College and Career Ready Standards in Reading, Writing, Speaking and Listening, and Language and is designed to develop advanced language, literature, and analysis skills. Students are expected to display higher level thinking skills, and advanced analytical skills in both reading and writing. Prospective students may be assigned summer reading and writing assignments.

Students will closely read a wide variety of informational and literary texts from diverse perspectives in order to present arguments and write analytically. Writing activities give students practice in organizing and developing narrative writing, writing research papers, and providing evidence for arguments. Yearlong emphasis will be placed on reading strategies for comprehension, literary elements, citing specific text evidence, analyzing craft and structure, and mastering the conventions of Standard Written English.

- Grade Level: 9
- Prerequisites: Teacher Recommendation
- Course Status: Required

English/Speech 10 (Full Year: 1.0 Credits) This course is aligned with Arizona College and Career Ready Standards in Reading, Writing, Speaking and Listening, and Language and is designed to prepare students for college and career readiness. Students will closely read a variety of informational and literary texts from diverse perspectives in order to present arguments and write analytically. Emphasis is placed on analyzing, evaluating, and composing arguments through reading, writing, class discussions, and presenting in public.

- Grade Level: 10
- Prerequisites: English 9
- Course Status: Required

Honors English/Speech 10 (Full Year: 1.0 Credits) This course is aligned with Arizona College and Career Ready Standards in Reading, Writing, Speaking and Listening, and Language and is designed to develop advanced language, literature, and analysis skills. Students are expected to display higher level thinking skills and advanced analytical skills in both reading and writing. Students will closely read a variety of informational and literary texts from diverse perspectives in order to present arguments and write analytically. Prospective students will be assigned summer reading and writing assignments.

· Grade Level: 10
· Prerequisites: English 9; Teacher Recommendation
· Course Status: Required

English/Speech 11 (Full Year: 1.0 Credits) This course is aligned with Arizona College and Career Ready Standards – English Language Arts/Literacy in Reading, Writing, Speaking and Listening, and Language and is designed to prepare students for college and career readiness. Students will closely read a variety of challenging literary and informational texts from the diverse cultural perspectives and major historical periods of American Literature. Selections will include novels, short stories, pamphlets, speeches, and articles. Emphasis is placed on analysis of text through rhetorical devices, literary elements, and historical knowledge. Students will write in a variety of modes and for varying purposes with a focus on analysis and research skills.

- Grade Level: 11
- Prerequisites: English/Speech 10
- Course Status: Required

English 12/Speech (Full Year: 1.0 Credits) This course is aligned with Arizona College and Career Ready Standards – English Language Arts/Literacy in Reading, Writing, Speaking and Listening, and Language and is designed to prepare students for college and career readiness. Students will closely read a variety of challenging literary and informational texts drawn from the canon of British and World literature, including a variety of poetic forms, dramas, and essays. Reading instruction will emphasize the conventional elements and techniques of each genre, as well as the historical and cultural contexts of the assigned texts. Students will write in a variety of modes and for varying purposes with a focus on research skills. In addition to the British and World canons, students will study and write the skills essential to real-world assignments that include essays for college and scholarship essays, resumes, and other functional documents.

- Grade Level: 12
- Prerequisites: English 11
- Course Status: Required

Reading for Success (Full Year: 1.0 Credits) Reading for Success includes intensive reading strategies and skills designed for 9th grade students, with an emphasis on increased reading comprehension and vocabulary acquisition. This course involves the study of critical reading, comprehension and study skills. Vocabulary acquisition is stressed along with word study within the context of the fiction/nonfiction text. Skills instruction is embedded in the larger exploration of the many academic and personal purposes of reading, writing, speaking, and listening. This course is designed to enhance the student's success in reading more complex passages with an increased level of comprehension and confidence, preparing them to do well in high school.

- Grade level 9
- Prerequisites: None
- Course Status: Required

NPC TALON ENL 101 • College Composition I

A course in the basic principles of college-level reading and writing. The course includes several academic essays and a short research paper.

- Grade Level: 11, 12
- Prerequisite: Satisfactory placement.
- Three lecture

NPC TALON ENL 102 • College Composition II

A course in the basic principles of college-level reading and writing, including literary analysis, documented critical essays, and a longer research paper.

- Grade Level: 11, 12
- Prerequisite: “C” or better in ENL 101.
- Three lecture

FINE ARTS COURSES

Elements of Art (Art I) (Semester: 0.5 Credits) This course is based on the exploration of the art elements. Basic art skills will be taught sequentially using a variety of media including printmaking, drawing, painting and collage. This course will build appreciation for the habits of mind of creative people and will encourage students to become adept at basic art studio practice. Students will learn to make connections between art in a historical context through the study of artists and their techniques.

- Grade Level: 9, 10, 11, 12
- Prerequisites: None
- Course Status: Elective; fulfills Fine Arts and elective requirement

Principles of Design (Art II) (Semester: 0.5 Credits) This course will build upon students' skills and the understanding of the elements of art to explore the principles of design. There will be a focus on understanding aesthetics, the creative process and on students' developing personal connections to their art using the principles of design as a springboard for visual communication. Students will learn to make connections between art in a historical context through the study of artists and their techniques. There will be further exploration of printmaking, drawing, painting and collage. This class will also include three-dimensional design and students will explore art related career options.

- Grade Level: 10, 11, 12
- Prerequisites: Elements of Art
- Course Status: Elective; fulfills Fine Arts and elective requirement

Art Studio (Art III) (Semester: 0.5 Credits) This course is designed for the serious art student. Students will study art history movements within the European art traditions as well as Indigenous Art from the Americas and the Pacific Rim. There will be a focus on interpreting artwork verbally in numerous classroom discussions and in writing a final survey of the artist or movement of their own choosing. Students will learn to prepare artwork for presentation and participate in several art shows throughout the year. Students will begin to amass a professional looking portfolio that they can build on throughout Art Studio & Advanced Art Studio. Most art schools and college art departments will require a substantial portfolio for acceptance.

- Grade Level: 10, 11, 12
- Prerequisites: Principles of Design
- Course Status: Elective; fulfills Fine Arts and elective requirement

Advanced Art Studio (Art IV) (Semester: 0.5 Credits) Students will be given the instruction, information, context and freedom to create art projects that require long-term commitment. For example: students may create a mural, a suite of relief prints, a series of paintings, a body of work in clay or a graphic novel. The emphasis of this class will be on gaining the skills, attitude and understanding of historical context and studio practice to become a working artist.

- Grade Level: 10, 11, 12
- Prerequisites: Art Studio
- Course Status: Elective; fulfills Fine Arts and elective requirement

NPC TALON ART 101 - Understanding Art

Understanding, enjoyment and relationship of the visual arts to everyday life through the study of styles, techniques and meaning in painting, sculpture and architecture. Broad historical overview of art from prehistoric through contemporary.

- Prerequisite: Satisfactory placement
- Three lecture

NPC TALON SPT 130 - Introduction to Theatre
An introductory survey course of theatre from its earliest known beginning(s) to the present day. Students are exposed to drama from a variety of historical and ethnic backgrounds. The course focuses on the aesthetic and humanistic aspects of theatre within historical and contemporary contexts.

- Prerequisite: Satisfactory placement
- Three lecture

FOREIGN LANGUAGE COURSES

Diné Language I (Full Year: 1.0 Credits) This course will introduce students to basic conversational Navajo. This course is specially designed for students who do not know how to speak Navajo. Students will develop basic knowledge of speaking, reading and writing Navajo language. Some culture and history will also be covered. Students will be graded primarily on tests, usage and understanding of Navajo Language. ***This course is required for the Chief Manuelito Scholarship.***

- Grade Level: 9, 10, 11, 12
- Prerequisites: None
- Course status: Elective

Diné Language II (Full Year: 1.0 Credits) This course will prepare students to read, write, and speak in the Navajo Language. This course is specially designed for students who have taken Navajo Language I. This course will provide students with the necessary requirement to qualify for the Chief Manuelito Scholarship by the Navajo Nation. Students will be evaluated on classroom activities, test/quizzes, and projects according to the World and Native Languages Standards adopted by the Arizona Department of Education.

- Prerequisites: Diné Language I
- Length/Credit: Full year = 1 Credit
- Course status: Elective

NPC TALON SPA 101 • Elementary Spanish I
Introduction to the Spanish language, with emphasis on developing the skills of listening, speaking, reading and writing. Emphasizes basic grammar, pronunciation, vocabulary and culture.

- Prerequisite: Satisfactory placement.
- Four lectures.

NPC TALON SPA 102 • Elementary Spanish II
Continuation of the study of fundamental patterns in SPA 101. Emphasis continues on the comprehension, speaking, reading and writing aspects.

- Prerequisite: SPA 101.
- Four lectures.

MATH COURSES

Algebra 1A-1B (Full Year: 1.0 Credits) This is a first year algebra course in which you will learn to reason symbolically. The key content involves writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns. Quadratic equations are solved by factoring, completing the square, graphically, or by application of the quadratic formula. The course also includes study of monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, ratio, proportion, and statistics. Algebraic skills are applied in a

wide variety of problem-solving situations. Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and graphing calculators will be incorporated into each module. The course is aligned with Arizona's College and Career Ready Standards – Mathematics.

- Grade Level: 9, 10
- Course Status: Required Math Credit

(H) Algebra 1A-1B (Full Year: 1.0 Credits) This honors course is designed to study the Algebra 1 curriculum in more depth and with greater rigor. The student will be required to demonstrate knowledge of these skills and their application within and without the field of mathematics. Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and graphing calculators will be incorporated into each module. The course is aligned with Arizona's College and Career Ready Standards – Mathematics.

- Grade Level: 9, 10
- Prerequisites: Placement based on teacher recommendation and/or at least proficient on 8th grade State Assessment.
- Course Status: Required Math Credit

Geometry A-B (Full Year: 1.0 Credits) This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of Congruence, Similarity, Right Triangles and Trigonometry, Circles, Geometric Measurement and Geometric Properties with Equations, Modeling with Geometry. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content. The course is aligned with Arizona's College and Career Ready Standards – Mathematics.

- Grade Level: 9, 10, 11, 12
- Prerequisites: Algebra I, Highly Proficient on 8th Grade State Assessment
- Course Status: Required Math Credit

(H) Geometry A-B (Full Year: 1.0 Credits) This honors course covers all topics in Geometry in more depth and with greater rigor.

- Grade Level:9, 10, 11, 12
- Prerequisites: Successful completion of Algebra I (Honors and/or Teacher Recommendation), Highly Proficient on 8th Grade State Assessment
- Course Status: Required Math Credit

Algebra 2A-2B (Full Year: 1.0 Credits) This course is a study of advanced algebraic concepts. Units of study include functions (quadratics, polynomial, exponential, logarithmic, and rational), probability and statistics. Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and graphing calculators will be incorporated into each module. The course is aligned with Arizona's College and Career Ready Standards – Mathematics.

- Grade Level: 10, 11, 12
- Prerequisites: Successful completion of Algebra I and Geometry and/or teacher recommendation; co-requisite may include Geometry with teacher recommendation
- Course Status: Required Math Credit

(H) Algebra 2A-2B (Full Year: 1.0 Credits) This course covers all topics in Algebra II in more depth and with greater rigor.

- Grade Level: 10, 11, 12
- Prerequisites: Successful completion of Honors Algebra I/Geometry or Geometry-Honors and/or Teacher Recommendation
- Course Status: Required Math Credit

Algebra 3A-3B (Full Year: 1.0 Credits) Topics of study will focus on functions and their graphs, quadratic, polynomial, rational, exponential, log, trigonometry, and matrices.

Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and graphing calculators will be incorporated into each module. The course is aligned with Arizona's College and Career Ready Standards – Mathematics.

- Grade Level: 11, 12
- Prerequisites: Successful completion of Algebra II with an A/B and/or Teacher Recommendation
- Course Status: Elective; fulfills math requirement

Career Math (Full Year: 1.0 Credits) In Career Math, the mathematics necessary for daily living is embedded in the content that directly relates to financial decisions adults make in their daily lives. The mathematical formulas, functions, and pictorial representations used in Career Math assist students in making sense of the financial world around them through mathematical modeling and equip them with the ability to make sound financial decisions based on data. This course is designed to incorporate the introductory elements of algebra in real life situations. Students will evaluate and graph simple and more complex functions by hand and with technology. Students develop a firm grasp of the underlying mathematical concepts while using algebra and concepts of geometry. Consistent problem–solving strategies will be introduced and utilized to assist in developing strong mathematical skills. Students will use technology to anchor skills. Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and graphing calculators will be incorporated into each module. The course is aligned with Arizona's College and Career Ready Standards – Mathematics.

- Grade Level: 11, 12
- Prerequisites: Algebra II and/or Teacher Recommendation
- Course Status: Elective; fulfills math requirement

Foundations in Math Concepts (FMC) (Full Year: 1.0 credits) This course was developed for students who struggled in Algebra 1 and Geometry. The goal of this course is to improve student's math skills that have not been fully developed in previous years. The focus will be on rebuilding Algebra 1 skills and slowly start to introduce Algebra II curriculum throughout the school year. By completing this course, and a fourth year math class, the students will meet the graduation requirements for high school, as long as they have Algebra 1 and Geometry credit by the end of their senior year. However, this class **does not** count for University requirements. Students who agree to take this class typically attend a Community College after graduation or go straight into the workforce. A Personal Curriculum for Mathematics form will be provided to students at the beginning of class which must be signed by the students and parents which states that you all agree to the personal education plan.

- Grade Level: 11
- Prerequisites: Teacher recommendation and Parent consent with a Personal Learning Curriculum
- Course Status: Elective; fulfills a math requirement

Trigonometry/Pre-Calculus (Full Year: 1.0 Credits) During the Trigonometry portion of the course, students will study the following concepts: Trigonometric functions, solving trigonometric equations, and trigonometric identities. During the Pre-Calculus portion of the course students will study the following concepts: Functions and their graphs, polynomial and rational functions, logarithmic functions, equations of circles, hyperbolas, and conic sections. Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and graphing calculators will be incorporated into each module. The course is aligned with Arizona's College and Career Ready Standards – Mathematics.

- Grade Level: 11, 12
- Prerequisites: Successful completion of Algebra II with an A/B and/or Teacher Recommendation
- Course Status: Elective; fulfills math requirement

NPC MAT 103 Business Mathematics

An introduction to the practice in mathematics of fundamental business operations and applications including payroll, finance, interest, loans, and investments.

- Grade Level: 11, 12
- Prerequisites: Satisfactory placement.
- Three Lecture

NPC TALON MAT 152 • Advanced Algebra

Algebraic concepts with an emphasis on solving real-life applications that includes a review of basic algebra, equations, inequalities, functions, polynomials, rational, radical, exponential, and logarithmic functions as well as sequences, series, and combinatorics.

- Grade Level: 11, 12
- Prerequisites: Satisfactory placement.
- Three lecture.

NPC TALON MAT 189 • Pre-Calculus Algebra/Trigonometry

Algebraic and trigonometric concepts with an emphasis on solving real-life applications that include trigonometric functions, analytic trigonometry, vectors, systems of equations and inequalities, matrices, and analytic geometry.

- Grade Level: 11, 12
- Prerequisite: MAT 152
- Three lectures.

NPC TALON MAT 221 • Calculus I

An introduction to limits, continuity, differential and integral calculus of single variable functions and related applications.

- Grade Level: 11, 12
- Prerequisite: MAT 189.
- Four lectures.

NPC TALON MAT 231 • Calculus II

Topics include integration of proper and improper integrals with applications in geometry, science, and engineering, mathematical modeling with differential equations, infinite series, and analytic geometry.

- Grade Level: 11, 12
- Prerequisite: MAT 221.
- Four lectures.

PHYSICAL EDUCATION COURSES

Physical Education (Semester: 0.5 Credits) This course is designed to introduce exercise and conditioning procedures. Students will earn basic skills necessary to participate in a variety of individual and team sports throughout the semester. Course concepts include fitness, total wellness, conditioning and sportsmanship. Units include volleyball, basketball, soccer, and football.

- Grade Level: 9, 10, 11, 12
- Prerequisites: None
- Course Status: Required

Health (Semester: 0.5 Credits) (Requirement: 14 Years of Age) GHS Health course will emphasize lifelong healthy habits relating to exercise, nutrition, personal well-being, and safety. There is also a focus on mental, emotional, sexual, and social health, along with awareness of substance abuse, growth and development, and disease prevention. (All topics are taught with respect to Navajo culture.)

- Grade Level: 9
- Prerequisites: None
- Course Status: PE/Health

Adapted Physical Education (Semester: 0.5 Credits) This course allows students with disabilities to participate in various fitness programs, lifetime sport activities and a weight room program. The purpose of the class is placed on cultivating lifetime/recreational activities as well as health and wellness that will nurture students in such a way as to build self-esteem and self-confidence in a school as well as community setting. Non-disabled students will also be enrolled in the course to foster team building, mentorship, and to assist with the various activities performed on a daily basis. Non-disabled students must receive permission from the RLS teacher and the principal before enrolling in the course.

- Grade Level: 10, 11, 12
- Prerequisites: None
- Course Status: Elective

Weights (Semester: 0.5 Credits) This course is for the beginner or recreational weightlifter. The emphasis is on the proper form for the basic movements, safety, terminology and overall fitness. The students will be exposed to various types of lifting (circuit, power, and speed and agility training). Strength levels and cardiovascular fitness will be tested throughout the course of the semester.

- Grade Level: 10, 11, 12
- Prerequisites: None
- Course Status: Elective, fulfills Physical Education requirements

SCIENCE COURSES

Biology (Full Year: 1.0 Credits) Biology is the study of life. Students will examine the fundamental facts and concepts essential to the understanding of life on Earth, as organized in the Arizona State Science Standards. These topics include but are not limited to the Cell, the molecular basis of heredity, interdependence of organisms, biological evolution, matter, energy and organization in life systems. The students will learn basic scientific themes and skills important to scientific study. ***A science fair project using the scientific method is required.***

- Grade Level: 10, 11, 12
- Prerequisites: None
- Course Status: Science credit; Required

Chemistry I/Chemistry I Lab (Full Year: 1.0 Credits) Chemistry is the study of matter and its interaction with energy. Students will study concepts as articulated by the Arizona State Science Standard including but not limited to Structure and Properties of Matter, Conversation of Energy and Increase in Disorder, Chemical reactions, and Interactions of Energy Matter. The students will receive lab credit. ***A science fair project using the scientific method is required.***

- Grade Level: 11, 12
- Prerequisites: Passing Credit Received in Biology and Algebra I, and/or Algebra II
- Course Status: Elective; fulfills science requirement

Chemistry II/Chemistry II Lab (Full Year: 1.0 Credits) In this course, students will have a deeper understanding about the field of chemistry and its application to living things. The first semester will deal with organic compounds such as hydrocarbons, functional groups and its derivatives. The second semester will deal with biochemistry that involves biomolecules such as carbohydrates, nucleic acids, lipids, and proteins. Experiments will align with the topics and state standards. This course is designed for students who want to pursue a science or medical related degree in college. ***A science fair project using the scientific method is required.***

- Grade Level: 11, 12
- Prerequisites: Passing Credit Received in Chemistry I
- Course Status: Elective; fulfills science requirement

Earth Science (Full Year: 1.0 Credits) Earth Science introduces students to Geology, covering Earth's processes and the materials it uses, including plate tectonics, seismology, volcanism, rock formation, mineral identification, and soils; Astronomy covers what is beyond the planet Earth and students will study the development of the planets, celestial bodies, solar systems, and galaxies; in Meteorology students explore Earth's atmospheric systems and the physical processes associated with weather and climate; lastly, this course covers Hydrology where students learn Earth's Water Cycle and process, and its interacts between the atmosphere, the Earth, and the oceans. ***A science fair project using the scientific method is required.***

- Grade Level: 10, 11, 12
- Prerequisites: None
- Course Status: Elective, fulfills science credit

Environmental Science (Full Year: 1.0 Credits) Environmental Science is the study of Earth's life support systems, including ecosystem functions, and how human activities interact within these systems and have impacted them over time. This course looks at specific environmental issues that affect humans today, as well, such as water usage, food and agriculture, pollution, energy consumption, atmosphere, wildlife, and natural resources. Students will explore solutions in sustainability for the future and in lowering negative human influences on the environment. This course also explores how the influences of human interactions have affected the environment and local ecosystem of the Navajo Nation. Students will use the Scientific Method, set up experiments, create Scientific models, use observation skills, practice the ability to infer, exercise their measurement abilities, and use quantitative analysis (MATH) and vocabulary comprehension (READING). ***A science fair project using the scientific method is required.***

- Grade Level: 11, 12
- Prerequisites: None
- Course Status: Elective, fulfills science credit

General Science (Full Year: 1.0 Credits) Physical Science is an introduction to the history and nature of Science. It explores the basic concepts of Physics, Chemistry, and Earth Sciences, and examines the relationship between them and the Biological factors and Life Sciences on our planet. In this course, students will first focus on learning the Scientific Method, basic fundamentals of laboratory practices and safety, and develop necessary skills to help them succeed in their high school Science career. Abilities they will cultivate include, (but are not limited to,) using logical reasoning, creating and deciphering qualitative and quantitative data, developing curiosity, and how to improve their researching skills. Students will learn to build Scientific models and draw diagrams, create Scientific research papers, create and present PowerPoint presentations, and, to assist them in making future educational choices, explore careers available in Science. ***A science fair project using the scientific method is required.***

- Grade Level: 9
- Prerequisites: None
- Course Status: Elective, fulfills science credit

Physics with Lab (Full Year: 1. 0 Credits) Physics is the study of matter in motion. Students will study concepts as articulated by the Arizona State Science Standard including but not limited to kinematics, Newton's laws of motion, energy and momentum conservation, and rotational motion. The students will receive a lab credit. ***A science fair project using the scientific method is required.***

- Grade Level: 12
- Prerequisites: Algebra II and Chemistry I with passing grades or instructor's recommendation only
- Course Status: Elective; fulfills science requirement

SOCIAL STUDIES COURSES

World History (Full Year: 1.0 Credits) The topics and units for this course include: the location of important physical and political features; using and interpreting maps; regions of the World; the Developed and Developing World; World Issues and Problems; and Major Eras in World History. This course of World History and World Geography is by studying the relationship of man this environment both chronologically and spatially. The emphasis of this class will be on the study of governments, economics, cultures, societies and religions. Classroom discussion and projects emphasize the Ancient World, the Enlightenment era, the Industrial Revolution, the Nineteenth Century, The Effects of WWI and WWII, the Cold War as well as ideologies and independent movements in the developing and developed world.

- Grade Level: 10
- Prerequisites: None
- Course Status: Required

United States/Arizona History (Full Year: 1.0 Credits) In this course, students examine important people, events, institutions, and concepts in the development of the United States and the state of Arizona. Units include Native American (pre-contact). Colonial America; the constitution; westward expansion; slavery; the Civil War; Reconstruction; big business; World War I; The "Roaring 20's"; the Great Depression; World War II; and post-war America. The students are graded on group projects, individual assignments, quizzes and exams.

- Grade Level: 11, 12
- Prerequisites: Successful Completion of World History
- Course Status: Required

United States Government (Semester: 0.5 Credits) The United States Government course explores the structure and the function of federal, state and local governments. There will be six units discussed that explore: the foundations of American government; their political behavior; the legislative, executive and judicial branches; the Arizona government; and tribal government. Outside projects include civic duty and reading, writing, and research; with high emphasis on current event awareness. Students are required to take a civics exam similar to the exam given to individuals that wish to become citizens of the United States.

- Grade Level: 12
- Prerequisites: Successful completion of U.S./Arizona History
- Course Status: Required

Economics (Semester: 0.5 Credits) Economics is an introduction to the fundamentals of a market-based economy. The course object is for students to understand how market forces work in the production and consumption of good and labor markets. Topic includes: economic scarcity; supply and demand; alternative economic systems; the role of unions; international; trade; taxation and the role of government in the American economy. The course will include both theoretical and practical applications.

- Grade Level: 11, 12
- Prerequisites: None
- Course Status: Required

Diné History and Government I (Semester: 0.5 Credits) The Diné Government course covering aspects of traditional and contemporary Navajo governmental system such as treaties, tribal codes, resolutions, election process, three branches of government, etc. Students will also gain an understanding of Navajo history & culture from oral tradition to European contact as a way of better conceptualizing the Navajo government. The Navajo tribal Government course outline is used as a guide. ***This course is required for the Chief Manuelito Scholarship.***

- Grade Level: 9, 10, 11, 12
- Prerequisites: None
- Course Status: Elective

Diné History and Government II (Semester: 0.5 Credit) The objective of this course is to build on the foundation set by Diné History and Government I and to examine in more detail specific components of the Navajo tribal Government as well as more recent history and contemporary issues facing the Navajo Nation today. The course is designed to continue concentrating on the structure and function of the Navajo tribal government including legal issues, the responsibilities of legislative, executive and judicial branches, the Local Governance Reform Act…etc. The course brings an overview of the major contributions from each tribal administration and political relationship of the state and federal governments. Outside projects will include research on tribal issues, attending council sessions and chapter/planning/grazing meetings. The curriculum for this course will be based on the Navajo Tribal Government Course outline and the Diné History and Government Curriculum Guide 9-12 from the Department of Diné Education.

- Grade Level: 11, 12
- Prerequisites: Diné History and Government I
- Course Status: Elective

NPC TALON HIS 105 • U.S. History to 1877
Survey of the history of the United States from its beginning through the Civil War and Reconstruction.
- Grade Level: 11, 12
- Prerequisite: Satisfactory placement.
- Three lecture.

NPC TALON HIS 106 • U.S. History since 1877
Survey of the history of the United States from the post-Civil War Reconstruction period to the present.
- Grade Level: 11, 12
- Prerequisite: Satisfactory placement.
- Three lecture.

NPC TALON ECN 211 Principles of Macroeconomics
Study of the economic system as a whole, including the level of employment and diversity in income, fiscal and monetary policies, and the role of government in the economy. Also covered are economics of resource issues related to market failure and sustainability.
- Grade Level: 12
- Prerequisite: Satisfactory placement.
- Three lectures.

NPC TALON POS 110 • American Government
Introduction of various aspects of the national government: constitutional framework, structures, courts, Congress, presidency, interest groups and political parties. Satisfies teacher certification requirements for U.S. Constitution.
- Grade Level: 11, 12
- Prerequisite: Satisfactory placement.
- Three lectures.

NPC TALON ANT 102 - Cultural Anthropology
Introduction to culture and language. Includes variations in subsistence strategies, social organization, religion, and disease theory systems. Patterns of culture change and the modern world system.
- Prerequisite: Satisfactory placement
- Three lecture

NPC TALON PSY 101 – Introduction to Psychology
Survey of the science of psychology including history and systems, physiology, development, sensation and perception, learning theory, abnormal psychology, personality, and memory and cognition.
- Prerequisite: Satisfactory placement.
- Three lectures.

NPC TALON PSY 240 – Developmental Psychology

A survey of the issues and concepts dealing with age-related behavior and developmental changes during each different period of our life span from conception through old age and death. Current research in human development includes the physical, cognitive, and psychosocial development of each period of the life span.

- Prerequisite: Satisfactory placement.
- Three lectures.

ALTERNATIVE EDUCATION/OTHER ELECTIVES

Alternative Education (Credit Varies) Edgenuity was adopted by GUSD as a means for high School aged students to either acquire credits or recover credits to assist the students in graduating. All of the courses that Edgenuity offers aligns with AZ State Standards. Each subject matter content group falls into one of two categories:

- *Prescriptive* – meaning the student has acquired enough seat time to allow the student a chance to test for an abbreviated form of the course.
- *Full* – meaning the student has not acquired a sufficient amount of seat time and is required to complete the number of lessons that has been established by Edgenuity.

This extended selection of High School Academic and Elective Courses will allow the Guidance Counselors to assign the students the courses required by the state of Arizona to graduate Ganado High School. Edgenuity is unique in the sense that GUSD can customize courses to accommodate students that have learning disabilities.

- Grade Level: 9, 10, 11, 12
- Prerequisites: None
- Course Status: As needed to fulfill graduation requirements

Hornet Time (Reteach and Enrich)
Students receiving Reteach support include regular education students and special education students on IEPs with ELA or Math skills deficiencies significantly impacting their classroom functioning or school performance. Students receiving Enrichment support include regular education students and special education students on IEPs in the area of ELA, Math, Social Emotional Learning, Self Regulation, and other academic supports to enhance academic skills in various areas. The actual strategies and schedule of support is based on the constellation of the identified needs, and is available to students on a short or long term basis as need warrant.

- Grade Level: 9, 10, 11, 12
- Prerequisites: None
- Course status: Not for Credit

CAREER AND TECHNICAL EDUCATION (CTE) COURSE DESCRIPTIONS

Career Exploration (Full Year: 1.0 Credits) Career Exploration is the foundation experience within the Career and Technical Education (CTE) Delivery System supporting the successful transition to the high school CTE Preparation programs. The standards are addressed in career exploration and core skill development common to virtually all occupations. Students will be introduced to States Career Clusters, as well as, provided opportunities for instruction supported by a flexible learning environment, appropriate technology and support systems. The CTE Department will also incorporate ECAP/AzCIS for all freshmen.

- Grade Level: 9
- Prerequisites: None
- Course Status: Required for advancement in the CTE program

Communications Media Technology (Computer/Business Applications) (Semester: 0.5 Credits) This course will incorporate keyboarding, functions of the computer, and the use of Microsoft Office application using Word, Access, Excel, and PowerPoint. Students will have access to software applications such as Photoshop, Internet, and email for skills training. The students will be evaluated by hands-on activities from the Standards Attainment, quizzes/tests and projects.

- Grade Level: 9, 10, 11, 12
- Pre-requisites: None
- Course Status: Elective

AGRISCIENCE 01.0100.40

AgriScience I (AG) (Full Year: 1.0 Credits) AgriScience I is designed and structured to enable all students to have a variety of experiences tht will provide an overview of the fields of agricultural science, animal science, plant science, and soil science. AgriScience I is the foundation experience within the Career and Technical Education (CTE) Delivery System supporting the successful transition to the high school CTE Preparation programs. The standards also address career exploration and core skill development common to virtually all occupations. Students will be introduced to States Career Clusters, as well as, providing opportunities for instruction supported by a flexible learning environment, appropriate technology and support systems. CTE Department will also incorporate ECAP/AzCIS for all freshmen.

- Grade Level: 9
- Prerequisites: None
- Course Status: Required for AgriScience concentration

AgriScience II (Full Year: 1.0 Credits) Students will continue to build upon their understanding from the introductory level course. Other Standards taught are Animal husbandry, soil conservation, and agriculture operations such as farming, ranching, and agriculture business and natural resources which will be taught through a sequence of courses in high school. The teacher will integrate Greenhouse usage in the curriculum. Particular emphasis will be placed on the advantages and disadvantages of technology, a multitude of ethical issues associated with biotechnology, understanding how to be successful individually while also being a "team player", and developing professional practices.

- Grade Level: 10
- Prerequisites: AgriScience I (AG)
- Course Status: Required for AgriScience Concentration

AgriScience III (Full Year: 1.0 Credits) Students will explore the more complex biological functions of plants and animals to understand how they translate into the nutritional demands of each respective organism. Understanding the interactions of biological systems within the environment will also be emphasized. Participation in the Ganado FFA Chapter is an integral part of the curriculum. The students will get involved in SAE. The students will also compete in N.A.T.I.V.E. Skills; FFA at the state and national level.

- Grade Level: 11
- Prerequisites: AgriScience II
- Course Status: Required for AgriScience concentration
- Required: 120 hours of lab time (documented lab time)

AgriScience/Vet IV (Full Year: 1.0 Credits) This course provides students with a foundation in the language of veterinary medicine, focusing on prefixes, suffixes, word roots and their combining forms. The knowledge, motivation, and skills necessary to pursue a career in veterinary science. Instructional time will be spent with a Veterinarian to ensure the students gain knowledge in diagnosing diseases and treatments. It is recommended that the student(s) pass the Agriscience course prior to enrolling. Participation in the Ganado FFA Chapter is an integral part of the curriculum. The

students will get involved in SAE. The students will also compete in N.A.T.I.V.E. Skills; FFA at the state and national level.

- Grade Level: 12
- Prerequisites: AgriScience III
- Course Status: Required for Veterinarian Science program concentration
- Dual Enrollment: Navajo Technical University, VET-130 (1 credit) Veterinary Medical Terminology
- Required: 120 hours of lab time (documented lab time)

ARCHITECTURAL DRAFTING 15.1300.20

Architectural Drafting I (Full Year: 1.0 Credits) In this course, the student will learn how to develop both Technical drafting review and Architectural Board Drafting Skills. The students will be prepared to demonstrate in Graphic form as well as apply their newly acquired technical drafting skills to complete projects and begin design and develop architectural working drawings by developing Print Reading Skills. The program includes instruction in delineation and drafting projects to various scales. The students will learn technical drawing, the residential design process, plan layouts, lettering skills, sketching skills, dimensioning techniques, math in (Basic Construction Math & Geometry) as related to Drafting and Design Technology.

- Grade Level: 10
- Prerequisites: Career Exploration
- Course Status: Required for Architectural Drafting concentration

Architectural Drafting II (Full Year: 1.0 Credits) In this course the student will learn to apply technical knowledge and skills necessary to plan and prepare scale interpretations of Engineering, and Architectural Board Drafting Projects, enhance the 5 step design process necessary in creating Residential Designs and continue developing and enhancing their Reading Blueprints skills, begin the use of computer-assisted design programs as they relate to drafting and design technology. The students will also compete in N.A.T.I.V.E. Skills; SkillsUSA at the state and national level.

- Grade Level: 11
- Prerequisites: Architectural Drafting I
- Course Status: Required for Architectural Drafting concentration

Architectural Drafting III (Full Year: 1.0 Credits) This course will advance student from Architectural Drafting II to prepare to increase the knowledge of drafting techniques, this Architectural Board Drafting Program will be focusing on Civil, Electrical, Plumbing & HVAC drafting as they apply to architectural working drawings. This course also includes obtaining a Working Knowledge of the Elements of Construction, Structural Layouts, Details and Designs, Building Material Recognition, Door Schedules, Room Finish Schedules Window Schedules and layouts of other related Crafts as they relate to Architectural Drafting and Design. This course will allow students to be introduced to the CAD Drafting Courseware. The students will also compete N.A.T.I.V.E. Skills in SkillsUSA at the state and national level.

- Grade Level: 12
- Prerequisites: Architectural Drafting II
- Course Status: Required for Architectural Drafting concentration
- Dual Enrollment: Navajo Technical University and/or NPC – DRF 120 (Technical Drafting I), DRF 130 (Architectural Drafting I), BOC 140 (Print Reading I)
- Required: 120 hours of lab time (documented lab time)

CONSTRUCTION TECHNOLOGY 46.0400.20

Construction Technologies I (Full Year: 1.0 Credits) This course introduces the students to the world of construction. The students will be required to complete the OSHA -10 hour construction safety training. These first year students will also be required to successfully complete the NCCER Core Curriculum. This will also be a year of learning about the SkillsUSA leadership program and how we are affiliated to it.

- Grade Level: 10
- Prerequisites: Career Explorations
- Course Status: Required for Construction Technology concentration

Construction Technologies II (Full Year: 1.0 Credits) This course will introduce the students to basic skills, techniques and requirements to be a productive employee. Students will explore their individual strengths, values and personality traits. Explore a variety of occupational areas, demonstrate planning skills, and develop leaders and teamwork skills required for the workplace. Demonstrate an understanding of academic achievement and performance required for meeting their career goals; evaluate factors contributing to a safe and healthy work environment. A select few may compete in the Region 4, N.A.T.I.V.E and State SkillsUSA

- Grade Level: 11
- Prerequisites: Construction Technology I
- Course Status: Required for Construction Technology concentration

Construction Technologies III (Full Year: 1.0 Credits) This course will advance students from Construction II class and build upon the hands-on experience in planning, designing, and other construction principles. Students will continue to learn the different operations of more advanced hand tools, power tools and stationary machinery. Students will develop a career plan, focus on the Construction Industry, prepare for employability skills, and demonstrate written and oral communication skills. They will be evaluated in leadership and teamwork, understand appropriate workplace behavior, and practice conducting themselves in a safe and healthy manner. Students will also learn valuable job skills for filling out job applications, resumes, and interviews. These students will be able to compete in N.A.T.I.V.E skills and SkillsUSA Regional/State/ National competition. Students will acquire NCCER Certification. This certification is recognized by technical schools, apprenticeships, colleges and universities.

- Grade Level: 12
- Prerequisites: Construction Technology II
- Course Status: Required for Construction Technology concentration
- Required: 120 hours of lab time (documented lab time)

CULINARY ARTS PROGRAM 12.0500.00

Culinary Arts I (Full Year: 1.0 Credits) This level II course, students learn to use basic science concepts and practices, exercise safety and sanitation practices in the laboratory, analyze nutritional problems, validate chemical and physical changes in food, examine the use of technology in food production development, develop an employment plan and demonstrate job search skills. The assessment will be based on competency attainment such as quizzes/tests, observation, and workplace learning. Students will be required to document their hours spent in the lab. Students will also be required to obtain a Navajo nation food handlers card.

- Grade Level: 10
- Prerequisites: Career Exploration
- Course Status: Required for Culinary Arts Program concentration

Culinary Arts II (Full Year: 1.0 Credits) This course will allow students to spend lab days in our professionally equipped commercial kitchen learning safe food handling, safe equipment operation and knife skills, preparation of health restaurant menus, breakfast foods, sandwiches, salads, garnishes, fruits and vegetables. The National Restaurant Associate provides Pro-Start I learning materials. Opportunities are provided for industry-related field trips to restaurants and food shows as well as culinary competition in FCCLA. Students will pay for their FCCLA dues. The assessment will be based on competency attainment such as quizzes/tests, observation, and workplace learning. These students will be able to compete in N.A.T.I.V.E skills and other competitions as needed. Online assessment is required for all students. Students will also be eligible to compete in CCAP. **Students will participate in one catering event after hours and one catering event during class time. Students are eligible to acquire 3 college credits through Coconino Community College while attending this class. However, to qualify for these college credits students must pass the class with a C or better.**

Grade Level: 11

- Prerequisites: Culinary Arts I
- Course Status: Required for Culinary Arts Program concentration
- Dual Enrollment: Coconino CCC- HRM 140
- Required: 140 hours of lab time (documented lab time)

Culinary Arts III (Full Year Block: 2.0 Credits) This course allows students to spend lab days in our professionally equipped commercial kitchen learning customer service, inventory control, preparation of potatoes, grains, desserts, baked goods, meat, poultry, seafood, stocks, soups and sauces. The National Restaurant Associate provides Pros-Start II learning materials. Hands-on experiences include food prep for small and large community groups and catering. Opportunities are provided for industry-related field trips to restaurants and food shows as well as culinary competition in FCCLA. Students will pay for their FCCLA dues. The assessment will be based on competency attainment such as quizzes/tests, observation, and workplace learning. These students will be able to compete in N.A.T.I.V.E skills and state level competitions. Students will also be eligible to compete in CCAP. Online assessment is required for all students. Students are required to receive their ServSafe Certification in the spring. **Students will participate in two catering events after hours and two catering events during class time. Students are eligible to acquire 3 college credits through Coconino Community College while attending this class. However, to qualify for these college credits students must pass the class with a C or better.**

- Grade Level: 12
- Prerequisites: Culinary Arts I
- Course Status: Required for Culinary Arts Program concentration
- Dual Enrollment: Coconino CC – HRM 240
- Required: 140 hours of lab time (documented lab time)

GRAPHIC DESIGN 10.0200.30

Graphics & Web Design I (Full Year: 1.0 Credits) This program is designed as a state-recognized sequence of courses. Each CTE standards are cross-walked with the Arizona Academic standards. This course is an instructional experience that provides the students to explore the field of Multimedia Technology through career survey, job search strategies, employability skills, communication skills, participate in leadership activities in a state recognized student organization (SkillsUSA), understand problem solving and critical thinking skills, basic knowledge in safety procedures, recognize security issues in computer usage, economic principles and legal and ethical issues.

- Grade Level: 10
- Prerequisites: Career Explorations
- Course Status: Required for Graphic Design concentration

Graphic Design II (Full Year: 1.0 Credits) This course involves students in career preparation activities such as individual career planning, preparation for employment, the demonstration of both oral and written communication skills, the demonstration of work ethics, the evolution of the desktop publishing and printing industry, the use of iMacs computers with the latest Adobe software for desktop publishing and the opportunity to participate in leadership activities in SkillsUSA. These students will be able to compete in Skills N.A.T.I.V.E and SkillsUSA State/National competitions.

- Grade Level: 11
- Prerequisites: Graphic & Web Design I
- Course Status: Required for Graphic Design concentration

Graphic Design III (Full Year: 1.0 Credits) In this course students are preparing their skills in desktop publishing using Adobe Creative Suite 5 to produce various assigned projects such as logos, resort flyers, identity suites, CD covers, graduation announcements, community fliers, business cards, and magazine covers. Students will be able to participate in a work-based field experience. These students will compete in Skills N.A.T.I.V.E and SkillsUSA State/National competitions. Students will also produce a work ready portfolio to present to prospective employers.

- Grade Level: 12
- Prerequisites: Graphic Design II
- Course Status: Required for Graphic Design concentration
- Dual Enrollment: Northland Pioneer College
- Required: 120 hours of lab time (documented lab time)

HOME HEALTH AIDE 51.2602.00

Home Health Aide I (Health Occupations) (Full Year: 1.0 Credits) This course will ensure students to explore more advanced Health Occupational Field and prepare for the Advance Nursing Service Program in performing actual hands-on projects. Students will examine roles and responsibility of the Home Health Care Aide Agency, Demonstrate Ethical and Legal Conduct in all activities; Utilize observation, reporting, and documentation skills, Demonstrate Communication and Cultural Competency. These students will be able to compete in N.A.T.I.V.E skills and HOSA regional/state competitions.

- Grade Level: 10
- Prerequisites: Career Exploration
- Course Status: Required for Home Health Aide concentration

Home Health Aide II (Health Occupations) (Full Year: 1.0 Credits) Students will demonstrate Job Management and Self-Care skills, apply Standards Precautions and Infection Control Measures, Analyze Safety and Emergency Procedures, Examine Nutritional Needs and Food Prep Techniques, Facilitate Home Environment Maintenance, and Utilize Proper Body Mechanics and Back Safety Techniques online to prepare for Home Health Aide III & IV. The students will be able to compete in N.A.T.I.V.E. Skills and HOSA Regional and State Competitions.

- Grade Level: 11
- Prerequisites: Home Health Aide I
- Course Status: Required for Home Health Aide concentration

Home Health Aide III (Medical Terminology) (Semester 1 Block: 2.0 Credits) This course will provide students an overview of medical terminology. The medical terms will be divided into four categories: disease and disorder, surgical, diagnostic, and complementary terms. There will be a focus on anatomy, word parts, and medical terms. An introduction to word parts and human body structure will be the focus of Part I. Part II will deal with body systems. The book provides a pronunciation guide, common skin lesions, types of diagnostic procedures, and plural endings. Appendixes will be helpful in building medical terms. Students will be using interactive Flashcards for the terms. These students will be able to compete in N.A.T.I.V.E skills and HOSA state/national competitions. Students will also earn 3.0 college credits through Northland Pioneer College (NPC), which is a distant learning, dual-enrollment course.

- Grade Level: 12
- Prerequisites: Fundamental to Health Occupations
- Course Status: Required for Home Health Aide concentration
- Dual Enrollment: NPC/ N.A.T.I.V.E. (1008 Medical Terminology)

Home Health Aide IV (DCW) (Semester 2 Block: 2.0 Credits) This is an exciting course that focuses on the basic principles and procedures of patient care. The course prepares individuals to work under the supervision of licensed health care professionals in performing nursing care and services for persons of all ages. After completion of this course, the student can apply for employment with Direct Care Facility once certified. These students will be able to compete in N.A.T.I.V.E skills and HOSA state/national competitions.

- Grade Level: 12
- Prerequisites: Medical Terminology and Human Anatomy and Physiology OR Human Body Systems
- Course Status: Required for Home Health Aide concentration

WELDING TECHNOLOGY 48.0508.00

Welding Technologies I (Full Year: 1.0 Credits) In this course, students will study and practice basic welding principles involving shielded metal arc welding, oxyacetylene welding, and oxyacetylene cutting processes in the flat, horizontal, and vertical positions. Safe industry work practices will be taught with emphasis on Proper Protection Equipment (PPE). Basic units of measurement will be covered. This course will serve as an introduction to the welding field. Students will have the opportunity to demonstrate leadership skills in a recognized state student organization (Skills USA).

- Grade Level: 10
- Prerequisites: Career Exploration
- Course Status: Required for Welding Technology concentration

Welding Technologies II (Full Year: 1.0 Credits) In this course, students will study and practice basic welding principles involving shielded metal arc welding, oxyacetylene welding, and oxyacetylene cutting processes in the flat, horizontal, and vertical positions. Safe industry work practices will be taught with emphasis on Proper Protection Equipment (PPE). Basic units of measurement will be covered. This course will serve as an introduction to the welding field. These students will be able to compete in N.A.T.I.V.E skills and SkillsUSA state/national competitions.

- Grade Level: 11
- Prerequisites: Welding I
- Course Status: Required for Welding Technology concentration

Welding Technologies III (Full Year Block: 1.0 Credits) In this course, students will study and practice basic welding principles involving shielded metal arc welding, oxyacetylene welding, and oxyacetylene cutting processes in the flat, horizontal, and vertical positions. Safe industry work practices will be taught with emphasis on Proper Protection Equipment (PPE). Basic units of measurement will be covered. This course will serve as an introduction to the welding field. These students will be able to compete in N.A.T.I.V.E skills and SkillsUSA state/national competitions.

- Grade Level: 12
- Prerequisites: Welding II
- Course Status: Required for Welding Technology concentration
- Required: 120 hours of lab time (documented lab time)