

GANADO HIGH SCHOOL COURSE SELECTION GUIDE



2018-2019



Ganado

Independent School District

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ASSURANCE OF NONDISCRIMINATION

It is the policy of (Ganado ISD) not to discriminate on the basis of race, color, national Origin, sex, age or handicap in its vocational programs, services or activities as required by Title IX of the Civil Rights Act of 1964, as amended: Title IX of the Education Amendments of 1972: and Section 504 of the Rehabilitation Act of 1973, as amended.

Es norma de (Ganado ISD) no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo repuieren eo T tulo VI de Ley de Deprechos Civiles de 1964, seg n emienda: el T tulo IX de las Emmiendas en la Educaci n, de 1972, y la Ley de Rehabilitaci n de 1973, seg n enmeinda

Table of Contents

GRADUATION PLANS (ENTERED PRIOR TO 2018-2019)	PAGE 5
GRADUATION PLANS (ENTERED 2018-2019 & BEYOND)	PAGE 6
ENDORSEMENT OPTIONS	PAGE 7
ENDORSEMENT COHERENT SEQUENCE OPTIONS	PAGE 8
PERFORMANCE ACKNOWLEDGEMENT	PAGE 9
DUAL CREDIT OPPORTUNITIES/DUAL CREDIT COURSES	PAGE 10-11
ELA COURSES	PAGE 12-13
FINE ARTS COURSES	PAGE 14
LANGUAGES OTHER THAN ENGLISH	PAGE 14
MATHEMATICS COURSES	PAGE 15-16
PHYSICAL EDUCATION	PAGE 16
SCIENCE COURSES	PAGE 17
SOCIAL STUDIES COURSES	PAGE 18-20
CTE ELECTIVES	PAGE 21
AGRICULTURAL SCIENCE COURSES	PAGE 22-23
INFORMATION TECHNOLOGY, HOSPITALITY COURSES	PAGE 24
HUMAN SERVICES COURSES, EDUCATION & TRAINING, HEALTH SCIENCE COURSES	PAGE 25
APPENDIX	
TEA DISTINGUISHED LEVEL OF ACHIEVEMENT BENEFITS	PAGE 26
TEA GRADUATION PROGRAM CHECKLIST	PAGE 27
GHS 4 YEAR PLAN PRIOR TO 2018-2019	PAGE 28
GHS 4 YEAR PLAN 2018-2019 & BEYOND	PAGE 29
GRADUATION REQUIREMENT CREDIT CHECKLIST PRIOR TO 2018-2019	PAGE 30
GRADUATION REQUIREMENT CREDIT CHECKLIST 2018-2019 & BEYONE	PAGE 31
WEIGHTED COURSE LIST	PAGE 32

GRADUATION PLANS

Entered High School Prior to 2018-2019

Foundation + Endorsements = 29 Credits

- **4 Credits English**- English I, II, III, one advanced English
- **4 Credits Mathematics**-Algebra I, Geometry, 2 credits in advanced math courses
- **4 Credits Science**- Biology, two credits in any advanced science course, one credit in IPC or in any additional advanced science course
- **4 Credits Social Studies**-US History, Government, Economics, World Geography & World History
- **2 Credits of LOTE**-Spanish I and Spanish II
- **1 Credit Physical Education**-PE, Athletics, or 2 Semesters of Marching Band
- **1 Credit Fine Arts**-Art I-IV, Music I-IV, or Floral Design
- **6 Elective Credits**
*Credit requirements specific to at least one endorsement
- **3 Additional Elective Credits** (Required locally by Ganado ISD)

Distinguished Level of Achievement- 29 Credits

- **4 Credits English**- English I, II, III, one advanced English
- **4 Credits Mathematics**-Algebra I, Geometry, **Algebra II**, one credit in advanced math
- **4 Credits Science**- Biology, two credits in any advanced science course, one credit in IPC or in any additional advanced science course
- **4 Credits Social Studies**-US History, Government, Economics, World Geography & World History
- **2 Credits of LOTE**-Spanish I and Spanish II
- **1 Credit Physical Education**-PE, Athletics, or 2 Semesters of Marching Band
- **1 Credit Fine Arts**-Art I-IV, Music I-IV, or Floral Design
- **6 Elective Credits**
*Credit requirements specific to at least one endorsement
- **3 Additional Elective Credits** (Required locally by Ganado ISD)

*The default graduation plan for Ganado High School students is FHSP DLOA with Multidisciplinary Endorsement

Endorsements



STEM

- Science
- Math
- *Alg 2, Chemistry & Physics are required



Business & Industry

- Ag, Food, & Natural Resources
- Hospitality & Tourism



Public Service

- Education & Training



Multidisciplinary

- 4 credits in each foundation subject including Eng 4, and Chemistry and/or Physics
- 4 credits in AP or dual credit (Eng, Math, Sci, SS, Economics, LOTE, Fine Arts)



Fine Arts

- 4 credits in Art, Music
- 5 Social studies courses

State Assessments Required For Graduation

English I	English II	Algebra I
Biology	US History	

Performance Acknowledgements

Outstanding Performance: 12 hours Dual Credit (3.0 higher); Associate degree while in high school; Bilingual/Biliteracy; College Board AP Exam Score of 3 or Higher; Outstanding performance on PSAT, ACT-PLAN, SAT or ACT

Certification: Nationally or internationally recognized business or industry certificate

GRADUATION PLANS

Entering High School 2018-2019 and Beyond

Foundation + Endorsements = 29 Credits

- **4 Credits English**- English I, II, III, one advanced English
- **4 Credits Mathematics**-Algebra I, Geometry, 2 credits in advanced math courses
- **4 Credits Science**- Biology, two credits in any advanced science course, one credit in IPC or in any additional advanced science course
- **3 Credits Social Studies**-US History, Government, Economics, World Geography or World History
- **2 Credits of LOTE**-Spanish I and Spanish II
- **1 Credit Physical Education**-PE, Athletics, or 2 Semesters of Marching Band
- **1 Credit Fine Arts**-Art I-IV, Music I-IV, or Floral Design
- **7 Elective Credits**
*Credit requirements specific to at least one endorsement
- **3 Additional Elective Credits** (Required locally by Ganado ISD)

Distinguished Level of Achievement- 29 Credits

- **4 Credits English**- English I, II, III, one advanced English
- **4 Credits Mathematics**-Algebra I, Geometry, **Algebra II**, one credit in advanced math
- **4 Credits Science**- Biology, two credits in any advanced science course, one credit in IPC or in any additional advanced science course
- **3 Credits Social Studies**-US History, Government, Economics, World Geography or World History
- **2 Credits of LOTE**-Spanish I and Spanish II
- **1 Credit Physical Education**-PE, Athletics, or 2 Semesters of Marching Band
- **1 Credit Fine Arts**-Art I-IV, Music I-IV, or Floral Design
- **7 Elective Credits**
*Credit requirements specific to at least one endorsement
- **3 Additional Elective Credits** (Required locally by Ganado ISD)

*The default graduation plan for Ganado High School students is FHSP DLOA with choice of AT LEAST one Endorsement

Endorsements



STEM

- Science
- Math
- *Alg 2, Chemistry & Physics are required



Business & Industry

- Ag, Food, & Natural Resources
- Hospitality & Tourism



Public Service

- Education & Training



Multidisciplinary

- 4 credits in each foundation subject including Eng 4, and Chemistry and/or Physics
- 4 credits in AP or dual credit (Eng, Math, Sci, SS, Economics, LOTE, Fine Arts)



Fine Arts

- 4 credits in Art, Music
- 5 Social studies courses

State Assessments Required For Graduation

English I	English II	Algebra I
Biology	US History	

Performance Acknowledgements

Outstanding Performance: 12 hours Dual Credit (3.0 higher); Associate degree while in high school; Bilingual/Biliteracy; College Board AP Exam Score of 3 or Higher; Outstanding performance on PSAT, ACT-PLAN, SAT or ACT

Certification: Nationally or internationally recognized business or industry certificate

ENDORSEMENT OPTIONS

Arts & Humanities

This endorsement requires completion of the FHSP and ONE of the following:

- A coherent sequence of 4 credits in Fine Arts from ONE or TWO disciplines of Art or Music
- Five social studies credits (the fifth credit is only offered as a dual credit)



Business & Industry

This endorsement requires completion of the FHSP and ONE of the following:

- A coherent sequence of 4 CTE credits, including:
 - At least 2 courses in the same career cluster, and
 - At least 1 advanced CTE course that is the 3rd course or higher in a sequence in one of the following career clusters:
 - Agriculture, Food & Natural Resources
 - Hospitality
 - Information Technology



Multidisciplinary:

This endorsement requires completion of the FHSP and at least ONE of the following:

- Four (4) credits in each of the four foundation subject areas of English Language Arts, Math, Science, and Social Studies, including English 4 (academic or dual credit), and chemistry and/or physics
- Four (4) Dual Credit course credits selected from English Language Arts, Math, Science, Social Studies, Languages other than English, and/or Fine Arts



Public Service

This endorsement requires completion of the FHSP and ONE of the following:

- A coherent sequence of 4 CTE credits, including:
 - At least 2 courses in the same career cluster, and
 - At least 1 advanced CTE course that is the 3rd course or higher in a sequence in the following cluster:
 - Education & Training



STEM

A Science, Technology, Engineering, Math endorsement requires completion of the FHSP including Algebra II, Chemistry, Physics, and ONE of the following:

- Successful completion of 2 additional math courses for which Algebra II is a prerequisite
- OR**
- Successful completion of 2 additional sciences beyond Biology, Chemistry, and Physics



ENDORSEMENT COHERENT SEQUENCE OPTIONS

Arts & Humanities

FINE ARTS-ART

Art 1
Art 2
Art 3
Art 4

FINE ARTS-MUSIC

Band I
Band II
Band III
Band IV

5 Social Studies Credits:

World Geography
World History
US History
Government/Economics
Special Topics in Advanced SS
(Dual Credit .5 credit)
Psychology (Dual Credit .5 credit)
Financial Literacy (.5 credit)

Public Service

Education & Training

Principles of Human Services
Principles of Teaching & Learning
Child Development
Instructional Practices (2 credits)*

Business & Industry

Agriculture Science

Plant Option:

Principles of Ag
Floral Design (Fine Art)
Horticulture Science*
Advanced Plant & Soil Science*

Animal Option:

Principles of Ag
Livestock Production
Wildlife Management*
Advanced Animal Science*

Shop Option:

Principles of Ag
Ag Mech & Metal
Ag Equip Design & Fabrication*
Ag Power Systems (2 credits)*

Information Technology

Business Information
Management (BIM)
Computer Maintenance
Computer Programming 1*
Computer Programming 2*
Computer Technician Practicum (2
credits)*

Hospitality

Principles of Human Services
Intro to Culinary Arts
Culinary Arts (2 credits)*

STEM

Math Option

Pre-Calculus
WCJC Math 1314-College Algebra
WCJC Math 1324-Business Math
WCJC Math 1342- Statistics
WCJC Math 1325-Business Calculus

Science Option

Anatomy & Physiology*
Advanced Animal Science*
Advanced Plant & Soil Science*
Environmental Science

Multidisciplinary

Allows a student to select courses from the curriculum of each endorsement area and earn credits in a variety of advanced courses for multiple content areas sufficient to complete the distinguished graduation plan

Credits must include:

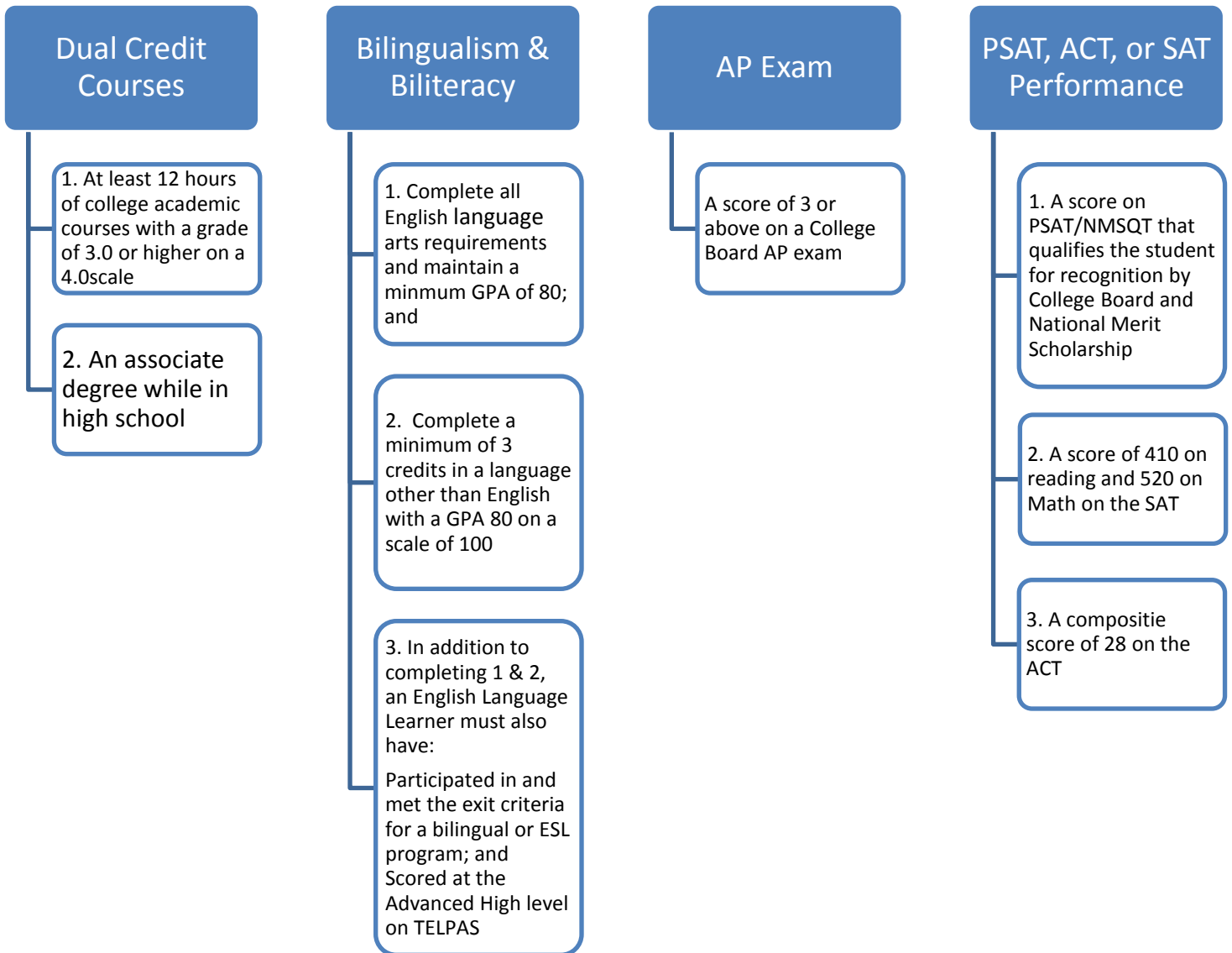
English 4
Chemistry and/or Physics

For Distinguished:

Algebra 2

PERFORMANCE ACKNOWLEDGEMENTS

Ganado ISD students may earn a performance acknowledgement for outstanding performance in the following areas:



A student may earn a performance acknowledgement for earning a nationally or internationally recognized business or industry certification or license.

DUAL CREDIT OPPORTUNITIES

WHAT IS DUAL CREDIT?

Dual credit is a process through which a student may earn high school credit for successfully completing a college course that provides advanced academic instruction beyond, or in greater depth than, the Texas Essential Knowledge and Skills (TEKS) for a corresponding high school course. The “dual credit” earned is a college credit and high school credit for one course. The grade earned in the college course will remain a part of the student’s college transcript. **The student is responsible for verifying transferability of course credit to the college/university of their choice.**

Traditional dual credit course offerings will be given advanced weight (additional 20 points) and will be included in class rank and GPA calculations. (See policy EIC local)

WHO IS ELIGIBLE TO ENROLL IN A DUAL CREDIT COURSE?

Students who are (TSI) Texas Success Initiative Complete or TSI Exempt.

Students should contact their school counselor to obtain assessment information.

ARE SCHOLARSHIPS AVAILABLE?

Currently, scholarships for partial tuition are available through the Ganado Education Foundation. Students may contact Cindy Bacak for more information.

TUITION/FEEES/BOOKS

Tuition and Fees are the student’s responsibility. Books will be provided by the district.

REGISTRATION

The student must provide the following when registering for dual credit courses:

- ✓ Completed WCJC Apply Texas Application (www.applytexas.org)
- ✓ Completed WCJC Certificate of Early Admission Form (<https://www.wcjc.edu/Programs/dual-credit.aspx>)
- ✓ Request an Official high school transcript with STAAR scores be sent to WCJC and any SAT or ACT scores or assessment for TSI requirement
- ✓ Submit Bacterial Meningitis Documentation
- ✓ New dual credit students must attend a mandatory dual credit Information session with the counselor
- ✓ Sign a dual credit contract from the counselor’s office

DUAL CREDIT OPPORTUNITIES

HIGH SCHOOL COURSE	COLLEGE COURSE
English	
English 4 (1 st semester) ½ credit	ENGLISH 1301 Composition 1
English 4 (2 nd semester) ½ credit	ENGLISH 1302 Composition 2
Math	
Independent Study in Math ½ Credit (Advanced Math)	MATH 1314 College Algebra MATH 1316 Trigonometry MATH 1324 Business Math MATH 1342 Elementary Statistics MATH 1325 Business Calculus
Social Studies	
U.S. History (1 st semester) ½ credit	US HIST 1301
U.S. History (2 nd semester) ½ credit	US HIST 1302
Government (1 st semester) ½ credit	GOVT 2305 Federal Government
Economics ½ credit	ECON 2301 Principles of Macroeconomics
Special Topics in Adv. Social Studies ½ credit	GOVT 2306 State Government
Psychology ½ credit	PSYCH 2301 General Psychology
Sociology ½ credit	SOCI 1301 Intro to Sociology

2018-2019

Course Descriptions

Please note: Course offerings may change at any time due to district and staffing needs.

English Language Arts

English I (2 semesters)

PEIMS # 03220100

Grade 9 **1 credit**

Students enrolled in English I continue to increase and refine their communication skills by planning, drafting and completing written compositions on a regular basis. An emphasis is placed on persuasive, descriptive, and expository writing.

English II (2 semesters)

PEIMS # 03220200

Grade 10 **1 credit**

This course emphasizes continuing development of oral language and composition skills. Included within the study are the identification of literary themes and forms, use of effective reading strategies, and development of speaking/listening skills. Students write for varied audiences and purposes and work to apply effective ideas, voice, word choice, fluency, organization, and conventions in their writing. Reading selections for this level include poetry, drama, fiction, literary nonfiction, and informational texts.

English III (2 semesters)

PEIMS# 03220300

Grade 11 **1 credit**

Students enrolled in English III further increase and refine their communication skills through writing error-free compositions of all types, including a research paper. The course includes an overview of American Literature from the seventeenth century to the present.

AP English 3

PEIMS #A3220100

Grade 11 **1 credit**

AP Language and Composition emphasizes the analysis of a variety of literary and nonfiction texts with particular attention to the writer's style, diction, syntax, argumentation and logic. Students reflect this analysis in compositions that use sophisticated syntax and

vocabulary, effective use of proof, and control of the conventions of language. Emphasis is on wide reading and analytic response in timed essays in preparation for the Advanced Placement Examination in Language and Composition. Students will take the AP College Board Exam at the end of the year.

English IV (2 semesters)

PEIMS # 03220400

Grade 12 **1 credit**

English IV consists of skills-based units that emphasize British Literature and equip students with the communication and thinking skills essential for success in social, academic, and business situations. Students will complete college driven writing assignments that support success on the SAT, ACT and the TSI.

English IV Dual Credit (First Semester)

English 1301

PEIMS # 03220400-D

PREREQUISITE: *TSI READY IN READING/WRITING*

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

English IV Dual Credit (Second Semester)

English 1302

PEIMS # 03220400-D

PREREQUISITE: *TSI READY IN READING/WRITING*

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

Fine Arts

Applied Music I-IV

PEIMS # 03152500 (I), 03152600 (II), 03152601 (III), 03152602 (IV)

Grades 9-12 **1 credit**

This course is open to current band students interested in furthering their skills on their musical instrument. Students must be approved by the band director to take these courses.

ART I-IV

PEIMS # 03500100 (Art I), 03500200 (Art II), 03500300 (Art III), 03500400 (Art IV)

Grades 9-12 **1 credit**

These courses introduce the student to the world of visual art. These courses emphasize drawing, design, color theory and three-dimensional art. The student is also exposed to contemporary, multicultural, and historic images as well as career possibilities in art. The courses must be taken in sequential order.

Band I-IV (2 semesters)

**PEIMS # 03150100(Band I) #03150200 (Band 2)
03150300 (Band 3) #03150400 (Band 4)**

Grades 9 – 12 **1 credit**
1/2 PE credit

Prerequisite: Successful completion of Junior High Band or Director Approval

Students will study and apply musical performance techniques and will participate in Marching from the beginning of August until the last football game. Individual practice and competitions for district, regional, area, and state contests for UIL Solo and Ensemble will be stressed.

Floral Design

PEIMS # 13001800

Grade: 10-12 **1 credit**

This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and

historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

LANGUAGES OTHER THAN ENGLISH

Spanish I (2 semesters)

PEIMS # 03440100

Grades 10-11 **1 credit**

This is an entry level course designed for the development of the four language skills: listening, speaking, reading and writing with emphasis on oral proficiency. Students will increase their understanding of Hispanic culture.

Spanish II (2 semesters)

PEIMS #03440200

Grades 10-12 **1 credit**

Prerequisite: Spanish I

Extends language competency in a proficiency-oriented curriculum in listening, speaking, reading, and writing. Reviews and refines grammatical concepts. Extends student knowledge of the culture and civilization associated with the Spanish language.

Spanish III (2 semesters)

PEIMS #03440300

Grade 12 **1 credit**

Prerequisite: Spanish II

(This course receives honors weighted points)

Promotes student understanding of principal literary genres, historical periods, and geographical areas of Spanish-speaking countries. Provides college-level learning experiences for students who wish to prepare for The College Board Advanced Placement Examination

Mathematics

Algebra I (2 semesters)

PEIMS # 03100500

Grades 9

1 credit

Students will build on the foundation concepts of mathematics. The course will include algebraic thinking and underlying mathematical processes

Geometry (2 semesters)

PEIMS # 03100700

Grades 9-11

1 credit

Prerequisite: Algebra I (both semesters)

Students will be using the basic concepts of point, line, and plane, a deductive system is formulated to draw the relationships involving plane and solid geometric figures. The course also develops the students' ability to reason abstractly and creatively following the rules of a deductive system. It introduces basic concepts involving measurement.

Geometry Honors* (2 semesters)

PEIMS # 03100700-H

Grade 9-10

1 credit

Prerequisite: Algebra I (both semesters)

This course will include the topics in regular Geometry along with geometric proofs and more in-depth inductive and deductive reasoning. Students may be required to do out-of-class projects. The course can be taken concurrently with Algebra II. It continues to prepare students advanced level and dual credit courses.

Mathematical Models With Applications (2 semesters)

PEIMS # 03102400

Grades 10 -12

1 credit

Prerequisite: Algebra I

Students will use algebraic, graphical and geometric reasoning to recognize patterns, to model information and to solve problems involving money, data, chance, patterns, music, design and science. Students use a variety of representations, tools, and technology to link

modeling techniques and mathematical concepts and to solve applied problems.

Algebra II (2 semesters)

PEIMS # 03100600

Grades 10 – 12

1 credit

Prerequisite: Algebra I

Students will continue to build on their foundation of mathematics skills as they expand their understanding through mathematical experiences. This course introduces the study of algebraic thinking and symbolic reasoning, algebraic techniques, and logarithmic functions and equations.

Algebra II Honors * (2 semesters)

PEIMS # 03100600-H

Grades 10 – 12

1 credit

Prerequisite: Algebra I

This course will include the topics of Algebra II with greater emphasis on advanced topics such as exponential and logarithmic functions and conic sections. This course continues to prepare students to take advanced math and dual credit courses. This course may be taken concurrently with Geometry.

Pre-Calculus (2 semesters)

PEIMS # 03101100-H

Grades 11 – 12

1 credit

Prerequisite: Algebra II or Algebra II Honors
(Course is weighted as an honors course)

This course is a combination of analysis and trigonometry. The analysis will build upon the skills learned in Algebra II with emphasis on solving equations and graphing functions. Trigonometry will include both triangular and sinusoidal functions and will investigate how trigonometry is used to solve real-world problems.

College Prep Math (2 semesters)

PEIMS # CP111200

Grade 12

1 credit

Prerequisite: Algebra I

This course is designed and encouraged for students that have not met the college readiness benchmarks for math. Students that successfully complete the course and pass

the final will be eligible to enroll in College Algebra at WCJC regardless of TSI placement exam scores.

Independent Study Math (1 semester)
WCJC Math 1314 College Algebra
Grades 11-12 **1/2 credit**

Prerequisite: *TSI Ready in Math*
In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

Independent Study Math (1 semester)
WCJC Math 1316 Trigonometry
Grades 11-12 **1/2 credit**

Prerequisite: *TSI Ready in Math*
In-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates and parametric equations may be included.

Independent Study Math (1 semester)
WCJC Math 1324 Mathematics for Business
Grades 11-12 **1/2 credit**

Prerequisite: *TSI Ready in Math*
The application of common algebraic functions including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value.

Independent Study Math (1 semester)
WCJC Math 1342 Elementary Statistical Methods
Grades 11-12 **1/2 credit**

Prerequisite: *TSI Ready in Math*
Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended.

Independent Study Math (1 semester)
WCJC Math 1325 Business Calculus
Grades 11-12 **1/2 credit**
Prerequisite: *Math 1314 or Math 1324*

This course is the basic study of limits and continuity, differentiation, optimization and graphing, and integration of elementary functions, with emphasis on applications in business, economics, and social sciences. This course is not a substitute for MATH 2413 – Calculus

Independent Study Math (1 semester)
WCJC Math 2412 Precalculus
Grades 11-12 **1/2 credit**

Prerequisite: *MATH 1314 and MATH 1316; or four years of high school math including trigonometry or pre-calculus; or WCJC department head approval*
In-depth combined study of algebra, trigonometry, and other topics for calculus readiness.

Physical Education

Athletics I-IV
PEIMS # PES00000 (Ath 1), PES00001 (Ath 2), PES00002 (Ath 3), PES00003 (Ath 4)
Grades: 9-12 **1/2 -1 credit**
Prerequisite: *Physical required*

Participation in any athletic sport requires a coach's approval. Sports offered include: Football, Volleyball, Cross Country, Basketball, Track, Powerlifting, Golf, Softball, & Baseball. Please contact the athletic office if you have further questions.

PE
PEIMS # PES00008-PES00011
Grades: 9-12 **1/2 -1 credit**

This course is designed to develop an interest in physical fitness, as well as an appreciation of the skills, knowledge, technique, and sportsmanship involved in lifetime fitness and well being. Students are expected to participate in a wide range of individual sports and games that can be pursued for a lifetime.

Science

Biology (2 semesters)

PEIMS # 03010200

Grades 9 – 10

1 credit

This course includes the study of cellular biology, genetics, ecology, zoology, and botany. This class encourages scientific reasoning and applications.

Integrated Physics & Chemistry (2 semesters)

PEIMS # 03060201

Grades 9-10

1 credit

I P & C is a lab-oriented course that introduces basic concepts of physics and chemistry. The two disciplines are integrated in the topics of motion, waves, energy transformation, properties of matter, changes in matter, and solution chemistry. This course serves as a background for subsequent courses in chemistry and physics.

Chemistry (2 semesters)

PEIMS # 03040000

Grades 10 – 11

1 credit

Prerequisite: *Algebra I, Biology*

This is a basic chemistry course focusing on conversions, atomic theory, formula writing, naming compounds, equation writing, acid-base-salt behavior, stoichiometry, and nuclear chemistry.

Physics (2 semesters)

PEIMS # 03050000

Grades 11 – 12

1 credit

Prerequisite: *Algebra II (or concurrent enrollment)*

This course provides an introduction to the main principles of physics and emphasizes the development of problem solving skills. It provides a basic foundation in physics for students who plan to attend college. The topics covered include kinematics, dynamics, heat, waves, and light. A scientific calculator is required

Environmental Systems

PEIMS # 03020000

Grades 11-12

1 credit

Prerequisite: *Recommended 1 year of life science and 1 year of physical science*

In Environmental Systems, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environment.

Anatomy & Physiology (2 semesters)

PEIMS # 13020600

Grades 11 – 12

1 credit

Prerequisite: *Biology & Chemistry*

(Course is weighted as an honors course)

Provides capable and highly motivated students with an in-depth study of the structure and functions of the components of the human body. Includes the investigation of cell specialization, the cooperative functions of cells as tissues and organs, the major body systems, and the interrelationship of those systems in a

living organism. A&P builds a knowledge base for those students who wish to pursue a career in medicine and health care.

ADVANCED ANIMAL SCIENCE

PEIMS # 13000700

Grades 11-12

1 credit

Prerequisite: *Biology, Chemistry, Algebra 1, Geometry, and recommended Livestock production*

This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and at least 40% laboratory experiences. Students will use critical thinking, scientific reasoning and problem solving methods. Students will learn how to examine and compare animal anatomy & physiology in livestock species. Aspects of the course will include nutritional requirements of ruminant and nonruminant animals, as well as the study of policies and issues in animal science. Students will learn to evaluate animal diseases & parasites, in addition to livestock harvesting and marketing

Advanced Plant and Soil Science

PEIMS# 13002100

Grades 11-12

1 credit

Prerequisite: *Biology, Chemistry or IPC, and Principles of Ag*

Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to plant and soil science and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Social Studies

World Geography (2 semesters)

PEIMS # 03320100

Grade 9-10

1 credit

This course covers the study of the Earth and the way people live and work on it. Concepts studied include location, place, human/environmental interaction, movement, and region.

World History Studies (2 semesters)

PEIMS #03340400

Grade 9-10

1 credit

This course is the only class offering students an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest time to the present. Historical points of reference in world history are identified. The causes and effects of political and economic imperialism are evaluated.

U.S. History (2 semesters)

PEIMS #03340100

Grade 11

1 credit

This required course studies the political, social, and economic events and issues related to Industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements including civil rights. The Great Depression and the impact of constitutional issues on American society are taught in this class.

US History Dual Credit (1st semester)

HIST 1301

Grade 11

1/2 credit

PEIMS #03340100-D

Prerequisites: *TSI ready in reading/writing*

A survey of the social, political, economic, cultural, and intellectual history of the United States from the preColumbian era to the Civil War/Reconstruction period. United States History I includes the study of preColumbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in

United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

US History Dual Credit (2nd semester)

HIST 1302

Grade 11

1/2 credit

PEIMS #03340100-D

Prerequisites: *TSI ready in reading/writing*

A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

Government (1 semester)

PEIMS # 03330100

Grade 12

1/2 credit

The focus of this class is on the principles and beliefs upon which the United States was founded and on structure, functions, and powers of government on the national, state, and local levels. Political parties, checks and balances, separation of powers, and comparisons of the U.S. system with other political systems, and court case studies are researched.

Government Dual Credit (1st Semester)

GOVT 2305

PEIMS # 03330100-D

1/2 credit

Grade 12

Prerequisite: *TSI ready in reading/writing*

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the

national election process, public policy, civil liberties, and civil rights.

Government Dual Credit (2nd Semester)

GOVT 2306

PEIMS # 03380002-D

1/2 credit

Grade 12

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

Economics (1 semester)

PEIMS # 03310300

Grade 12

1/2 credit

The focus is on the principles concerning production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world. Students examine the rights and responsibilities of consumers and businesses. Analysis of supply, demand, and cost, along with the role of financial institutions in a free enterprise system are explored.

Economics Dual Credit (1 Semester)

ECON 2301

PEIMS # 03310300 -D

1/2 credit

Grade 12

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.

Personal Financial Literacy (1 semester)

PEIMS # 03380082

Grade: 10-12

1/2 credit

This course is designed to be an interactive and research based course. The course will teach students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training. It will develop students who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility.

Psychology Dual Credit (1 Semester)

PSYCH 2301

PEIMS #

Grade: 11-12

1/2 credit

General Psychology is a study of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes



Information
Technology



Education &
Training

Career & Technical Education Electives



Agriculture, Food
& Natural Resources



Health Science



Hospitality
& Tourism



Human
Services

Business & Industry

Agriculture Science

Advanced Animal Science*

PEIMS # 13000700

Grades 11-12

1 credit

Satisfies a science graduation requirement

Prerequisite: *Biology, Chemistry, Algebra 1, Geometry, and recommended Livestock production*

This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and at least 40% laboratory experiences. Students will use critical thinking, scientific reasoning and problem solving methods. Students will learn how to examine and compare animal anatomy & physiology in livestock species. Aspects of the course will include nutritional requirements of ruminant and nonruminant animals, as well as the study of policies and issues in animal science. Students will learn to evaluate animal diseases & parasites, in addition to livestock harvesting and marketing.

Advanced Plant and Soil Science

PEIMS# 13002100

Grades 11-12

1 credit

Prerequisite: *Biology, Chemistry or IPC, and Principles of Ag*

Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to plant and soil science and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Agricultural Equipment Design And Fabrication*

PEIMS # 13002300

Grade: 11-12

1 credit

Prerequisite: *Agricultural Mechanics and Metal Technologies*

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Agricultural Mechanics and Metals Technology

PEIMS # 13002200

Grades 9-12

1 credit

Prerequisite: *Principles of Ag*

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete and metal working techniques.

Agricultural Power Systems (2 semesters)

PEIMS # 13002400

Grades: 11-12

2 credits

Prerequisite: *Agricultural Mechanics & Metal Technologies*

To be prepared for careers in agricultural power, structural, and technical systems, students will attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students should have opportunities to learn, reinforce, apply, and transfer their knowledge and technical skills in a variety of settings. This course is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery.

Floral Design

PEIMS # 13001800

Grade: 10-12 **1 credit**

This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

Horticulture Science

PEIMS # 13002000

Grade: 10-12

Prerequisite: *Principles of Agriculture* **1 credit**

Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

Livestock Production

PEIMS # 13000300

Grade: 10-12

Prerequisite: *Principles of Agriculture* **1 credit**

In this course, students will learn the principles of livestock production, including the anatomy and physiology related to nutrition, reproduction, health and management of domesticated animals. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Principles of Agriculture, Food, and Natural Resources

PEIMS #

Grade: 9-12 **1 credit**

Prerequisite: *none*

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Process Technology

PEIMS # N1300262

Grades: 11-12 **1** **1 credit**

Prerequisites: *none*

Introduction to Process Technology will introduce students to process technology professions, including the different career opportunities available, and required certification/postsecondary education requirements for each. Introduction to Process Technology is the first of two courses that provide a pathway for the student to learn core competencies, as identified by industries using process technology and postsecondary institutions. This course will provide instruction which can lead to degree programs that support employment in energy, oil and gas process and refining, and chemical manufacturing industries.

Wildlife, Fisheries, and Ecology Management

PEIMS # 13001500

Grade: 10-12 **1 credit**

Prerequisite: *Principles of Agriculture*

Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices. To prepare for careers in natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and

develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Information Technology

Business Information Management I

PEIMS # 13011400

Grades 9-12

1 credit

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Computer Maintenance

PEIMS # 13027300

Grades: 10-12

1 credit

Prerequisite: *Business Information Management*

In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies.

Computer Programming I

PEIMS # 13027600

Grades: 10-12

1 credit

Prerequisite: *Algebra I and recommended Business Information Management*

In Computer Programming I, students will acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students will analyze the social responsibility of

business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer programming. Students will apply technical skills to address business applications of emerging technologies.

Computer Technician Practicum

PEIMS # 13027500

Grades: 11-12

2 credits

Prerequisite: *Computer Maintenance and approval from the technology department*

In the Computer Technician Practicum, students will gain knowledge and skills in the area of computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an instructor, with an industry mentor, or both.

Hospitality

Intro to Culinary Arts

PEIMS # 13022550

Grades 10-11

1 credit

Prerequisite: *Principles of Human Services*

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course. 24

Public Service

Human Services

Principles of Human Services (2 semesters)

PEIMS # 13024200

Grade 9-12

Prerequisite: *None* **1 credit**

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

Child Development (2 semesters)

PEIMS # 13024700

Grades 9-12 **1 credit**

Prerequisite: *Principles of Human Services*

This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

Education & Training

Principles of Education & Training

PEIMS # 13014200

Grade: 9-12 **1 credit**

Prerequisite: *none*

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

STEM

Health Science

Anatomy & Physiology* (2 semesters)

PEIMS # 13020600

Grades 11 – 12 **1 credit**

Prerequisite: *Biology & Chemistry*

(Course is weighted as an honors course)

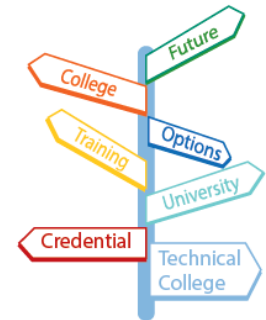
Provides capable and highly motivated students with an in-depth study of the structure and functions of the components of the human body. Includes the investigation of cell specialization, the cooperative functions of cells as tissues and organs, the major body systems, and the interrelationship of those systems in a living organism. A&P builds a knowledge base for those students who wish to pursue a career in medicine and health care.

Appendix

Choices determine options

Most of the very best jobs available now and in the future require education and training beyond a high school diploma. Whether you intend to pursue a high-demand, industry workforce credential from a community or technical college or a traditional four-year degree from a university, the choices made in high school will determine your future options.

To best prepare yourself now for the transition to post-high school education or quality workforce training, choosing and taking the right classes is essential. The Distinguished Level of Achievement will ensure the best preparation for your future.



Why it matters — *Benefits*

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement will:

- Allow you to compete for Top 10% automatic admissions eligibility at any Texas public university;
- Position you among those first in line for a TEXAS Grant* to help pay for university tuition and fees; and
- Ensure you are a more competitive applicant at the most selective colleges and universities.

*Must be financially qualified

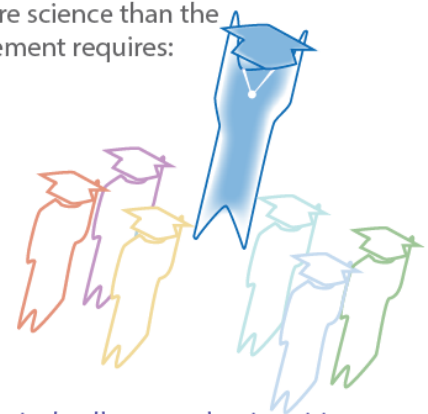
What it means

The Distinguished Level of Achievement requires more math and more science than the Foundation High School Program. The Distinguished Level of Achievement requires:

- A total of four credits in math, including Algebra II;
- A total of four credits in science; and
- Successful completion of an endorsement in your area of interest.

Advantages

- Opportunity to earn an endorsement in an area of interest
- More college and university options
- More financial aid options
- Better preparation for college-level coursework at community/technical colleges and universities
- Opportunity for immediate enrollment in classes related to your chosen field of study
- Strong foundation to successfully complete an industry workforce credential or college degree



8th Grade

- Review** choices offered under the **Foundation High School Program** and the **Endorsements** to decide on your future academic path.
- Select** the endorsement that best fits your area of personal interest and the major you plan to study in college.
- Recognize** that most college entrance requirements include rigorous advanced courses including **Algebra II**, higher-level science courses and languages other than English.

9th/10th Grade

- Monitor** high school credits; be sure to meet all **local and state requirements**.
- Take dual credit** or **Advanced Placement courses** if possible to earn college credit while still in high school.
- Keep** list of awards, honors and extracurricular activities for scholarship and college applications.
- Research** colleges or universities you are interested in attending. **Check** admission and application requirements and timelines.
- Explore** interests and take advantage of **Career Day** opportunities.
- Attend college nights** hosted by your high school. **Talk** with school representatives about the types of financial aid available.
- Take** the Preliminary SAT (PSAT)/National Merit Scholarship Qualifying Test in your sophomore year for practice. In your junior year, take the PSAT for eligibility for the National Merit Scholarship Competition. Students who take the PSAT or ACT ASPIRE[®] tend to score higher on the SAT or ACT than those who do not.

11th/12th Grade

- Take dual credit** or **Advanced Placement courses** if possible to earn college credit while you are still in high school.
- Check** with your counselor's office to learn about available scholarships. Be sure to apply early and for as many scholarships as possible. Do not limit yourself to local scholarships.
- Consider** taking SAT/ACT preparation classes. **Sign up** and take the ACT and/or SAT test, preferably in your junior year but no later than the fall of your senior year.
- Fill out** the FAFSA (Free Application for Federal Student Aid) early in the spring of your senior year.
- Apply** to college during the fall of your senior year.

If you plan to pursue technical training or enter the workforce after graduation, see the Information - *Workforce Resources* page or visit Texas Reality Check at www.texasrealitycheck.com/.

Ganado High School Four Year Plan with Endorsement (Prior to 2018-2019)

Name: _____ ID#: _____ Expected Graduation Date: _____

Date Initiated: _____ Date(s) Amended: _____

Endorsement
_____ STEM
_____ Business & Industry
_____ Arts & Humanities
_____ Multi-disciplinary Studies
_____ Public Services

Plans after HS Graduation
_____ Two Year College
_____ Technical Training
_____ Four Year College
_____ Employment
_____ Military
_____ Other

Plans for the Future	
Testing PLAN _____ PSAT _____ SAT _____ ACT _____	College Readiness - TSI Math _____ Reading _____ Writing _____
College Preparatory Courses Math _____ Reading _____ Writing _____	Post-Secondary Applications Apply Texas Application _____ Military Recruiter _____ Technical School _____
Financial Aid FAFSA/TA/FA _____ Scholarships _____	

Discipline	Graduation Plans	
	Foundation Credits	Endorsements Credits
English	4	
Mathematics	3	1
Science	3	1
Social Studies	3	1
Foreign Language	2	
Fine Arts	1	
Physical Education	1	
Electives	5	1
Electives (Locally Required)		3
Total Credits for Graduation	22	29 GANADO ISD

Automatic Admission
For a top 10% student to be eligible for automatic admission into a four year university, Algebra II must be one of the student's math credits.

Performance Acknowledge
Dual Credit Courses
PSAT, ACT-Plan, SAT, or ACT
Bilingualism/Biliteracy
AP Exam Score 3 or better

Pds.	9 th Grade		10 th Grade		11 th Grade		12 th Grade	
	Course	Credit	Course	Credit	Course	Credit	Course	Credit
1	English I		English II		English III or English III AP		English IV or Dual Credit	
2	World Geography		World History		US History or Dual Credit		Gov/Eco or Dual Credit	
3	Biology							
4	Algebra 1 or Geometry							
5	Athletics or PE							
6								
7								
8								

Student Signature: _____ Parent Signature: _____

Ganado High School Four Year Plan with Endorsement (2018-2019 & Beyond)

Name: _____ ID#: _____ Expected Graduation Date: _____

Date Initiated: _____ Date(s) Amended: _____

Endorsement
_____ STEM
_____ Business & Industry
_____ Arts & Humanities
_____ Multi-disciplinary Studies
_____ Public Services

Plans after HS Graduation
_____ Two Year College
_____ Technical Training
_____ Four Year College
_____ Employment
_____ Military
_____ Other

Plans for the Future	
Testing College Readiness - TSI PLAN _____ Math _____ PSAT _____ Reading _____ SAT _____ Writing _____ ACT _____	Financial Aid FAFSA/TA/FA _____ Scholarships
College Preparatory Courses Math _____ Reading _____ Writing _____	Post-Secondary Applications Apply Texas Application _____ Military Recruiter _____ Technical School _____

Discipline	Graduation Plans	
	Foundation Credits	Endorsements Credits
English	4	
Mathematics	3	1
Science	3	
Social Studies	3	1
Foreign Language	2	
Fine Arts	1	
Physical Education	1	
Electives	5	2
Electives (Locally Required)		3
Total Credits for Graduation	22	29 GANADO ISD

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 Bilingualism/Biliteracy
 AP Exam Score 3 or better

Pds.	9 th Grade		10 th Grade		11 th Grade		12 th Grade	
	Course	Credit	Course	Credit	Course	Credit	Course	Credit
1	English I		English II		English III or English III AP		English IV or Dual Credit	
2	World Geo or World Hist				US History or Dual Credit		Gov/Eco or Dual Credit	
3	Biology							
4	Algebra 1 or Geometry							
5	Athletics or PE							
6								
7								
8								

Student Signature: _____ Parent Signature: _____

Graduation Requirements Check List

Prior to 2018-2019

Subject Area	Foundation+Endorsement	Distinguished Level of Achievement
English -4 Credits	<input type="checkbox"/> Eng. I <input type="checkbox"/> Eng. II <input type="checkbox"/> Eng. III <input type="checkbox"/> English IV or Dual Credit (Required for Multidisciplinary Endorsement) <input type="checkbox"/> College Prep English	<input type="checkbox"/> Eng. I <input type="checkbox"/> Eng. II <input type="checkbox"/> Eng. III <input type="checkbox"/> English IV or Dual Credit (Required for Multidisciplinary Endorsement) <input type="checkbox"/> College Prep English
Math-4 Credits	<input type="checkbox"/> Algebra I (Required) <input type="checkbox"/> Geometry or Honors Geometry (Required) <input type="checkbox"/> Math Models with Applications <input type="checkbox"/> Algebra II or Honors Algebra II <input type="checkbox"/> Pre-Calculus <input type="checkbox"/> Independent Study Math (Dual Credit) <input type="checkbox"/> College Prep Math	<input type="checkbox"/> Algebra I (Required) <input type="checkbox"/> Geometry or Honors Geometry (Required) <input type="checkbox"/> Algebra II or Honors Algebra II (Required) <input type="checkbox"/> Pre-Calculus <input type="checkbox"/> Independent Study Math (Dual Credit) <input type="checkbox"/> College Prep Math
Science-4 Credits	<input type="checkbox"/> Biology AND One credit must be selected from the following laboratory-based courses <input type="checkbox"/> Integrated Physics & Chemistry <input type="checkbox"/> Chemistry Two additional credits may be selected from : <input type="checkbox"/> Chemistry <input type="checkbox"/> Environmental Systems <input type="checkbox"/> Physics <input type="checkbox"/> Anatomy & Physiology* <input type="checkbox"/> Advanced Animal Science* <input type="checkbox"/> Advanced Plant & Soil Science* *CTE courses that may also satisfy endorsement areas	<input type="checkbox"/> Biology AND One credit must be selected from the following laboratory-based courses <input type="checkbox"/> Integrated Physics & Chemistry <input type="checkbox"/> Chemistry Two additional credits may be selected from : <input type="checkbox"/> Chemistry <input type="checkbox"/> Environmental Systems <input type="checkbox"/> Physics <input type="checkbox"/> Anatomy & Physiology* <input type="checkbox"/> Advanced Animal Science* <input type="checkbox"/> Advanced Plant & Soil Science* *CTE courses that may also satisfy endorsement areas
Social Studies-4 Credits (GISD Requirement)	<input type="checkbox"/> World Geography <input type="checkbox"/> World History <input type="checkbox"/> US History or Dual Credit <input type="checkbox"/> Government or Dual Credit (.5) <input type="checkbox"/> Economics	<input type="checkbox"/> World Geography <input type="checkbox"/> World History <input type="checkbox"/> US History or Dual Credit <input type="checkbox"/> Government or Dual Credit (.5) <input type="checkbox"/> Economics
Fine Arts-1 Credit	<input type="checkbox"/> Art 1-IV <input type="checkbox"/> Band I-IV <input type="checkbox"/> Floral Design	<input type="checkbox"/> Art 1-IV <input type="checkbox"/> Band I-IV <input type="checkbox"/> Floral Design
PE-1 Credit	<input type="checkbox"/> PE <input type="checkbox"/> Athletics I-IV	<input type="checkbox"/> PE <input type="checkbox"/> Athletics I-IV
Foreign Language-2 credits	<input type="checkbox"/> Spanish 1 <input type="checkbox"/> Spanish 2 <input type="checkbox"/> Spanish 3	<input type="checkbox"/> Spanish 1 <input type="checkbox"/> Spanish 2 <input type="checkbox"/> Spanish 3
7 State Required Electives + 3 GISD Required Electives	<input type="checkbox"/> See Course Description Catalog for choices	<input type="checkbox"/> See Course Description Catalog for choices
Total Credit	<input type="checkbox"/> 29 (4 credits must be in a coherent sequence to earn endorsement selected)	<input type="checkbox"/> 29 (4 credits must be in a coherent sequence to earn endorsement selected)

Graduation Requirements Check List

2018-2019 & Beyond

Subject Area	Foundation+Endorsement	Distinguished Level of Achievement
English -4 Credits	<input type="checkbox"/> Eng. I <input type="checkbox"/> Eng. II <input type="checkbox"/> Eng. III <input type="checkbox"/> English IV or Dual Credit (Required for Multidisciplinary Endorsement) <input type="checkbox"/> College Prep English	<input type="checkbox"/> Eng. I <input type="checkbox"/> Eng. II <input type="checkbox"/> Eng. III <input type="checkbox"/> English IV or Dual Credit (Required for Multidisciplinary Endorsement) <input type="checkbox"/> College Prep English
Math-4 Credits	<input type="checkbox"/> Algebra I (Required) <input type="checkbox"/> Geometry or Honors Geometry (Required) <input type="checkbox"/> Math Models with Applications <input type="checkbox"/> Algebra II or Honors Algebra II <input type="checkbox"/> Pre-Calculus <input type="checkbox"/> Independent Study Math (Dual Credit) <input type="checkbox"/> College Prep Math	<input type="checkbox"/> Algebra I (Required) <input type="checkbox"/> Geometry or Honors Geometry (Required) <input type="checkbox"/> Algebra II or Honors Algebra II (Required) <input type="checkbox"/> Pre-Calculus <input type="checkbox"/> Independent Study Math (Dual Credit) <input type="checkbox"/> College Prep Math
Science-4 Credits	<input type="checkbox"/> Biology AND One credit must be selected from the following laboratory-based courses <input type="checkbox"/> Integrated Physics & Chemistry <input type="checkbox"/> Chemistry Two additional credits may be selected from : <input type="checkbox"/> Chemistry <input type="checkbox"/> Environmental Systems <input type="checkbox"/> Physics <input type="checkbox"/> Anatomy & Physiology* <input type="checkbox"/> Advanced Animal Science* <input type="checkbox"/> Advanced Plant & Soil Science* *CTE courses that may also satisfy endorsement areas	<input type="checkbox"/> Biology AND One credit must be selected from the following laboratory-based courses <input type="checkbox"/> Integrated Physics & Chemistry <input type="checkbox"/> Chemistry Two additional credits may be selected from : <input type="checkbox"/> Chemistry <input type="checkbox"/> Environmental Systems <input type="checkbox"/> Physics <input type="checkbox"/> Anatomy & Physiology* <input type="checkbox"/> Advanced Animal Science* <input type="checkbox"/> Advanced Plant & Soil Science* *CTE courses that may also satisfy endorsement areas
Social Studies-3 Credits	<input type="checkbox"/> World Geography or World History (Both Required for multidisciplinary endorsement) <input type="checkbox"/> US History or Dual Credit <input type="checkbox"/> Government or Dual Credit (.5) <input type="checkbox"/> Economics	<input type="checkbox"/> World Geography or World History (Both Required for multidisciplinary endorsement) <input type="checkbox"/> US History or Dual Credit <input type="checkbox"/> Government or Dual Credit (.5) <input type="checkbox"/> Economics
Fine Arts-1 Credit	<input type="checkbox"/> Art 1-IV <input type="checkbox"/> Band I-IV <input type="checkbox"/> Floral Design	<input type="checkbox"/> Art 1-IV <input type="checkbox"/> Band I-IV <input type="checkbox"/> Floral Design
PE-1 Credit	<input type="checkbox"/> PE <input type="checkbox"/> Athletics I-IV	<input type="checkbox"/> PE <input type="checkbox"/> Athletics I-IV
Foreign Language-2 credits	<input type="checkbox"/> Spanish 1 <input type="checkbox"/> Spanish 2 <input type="checkbox"/> Spanish 3	<input type="checkbox"/> Spanish 1 <input type="checkbox"/> Spanish 2 <input type="checkbox"/> Spanish 3
7 State Required Electives + 3 GISD Required Electives	<input type="checkbox"/> See Course Description Catalog for choices	<input type="checkbox"/> See Course Description Catalog for choices
Total Credit	<input type="checkbox"/> 29 (4 credits must be in a coherent sequence to earn endorsement selected)	<input type="checkbox"/> 29 (4 credits must be in a coherent sequence to earn endorsement selected)

Weighted Courses

Honors Weight (10 points, 5.0 scale)	Advanced Weight (20 points, 6.0 scale)
Foreign Language	English
Spanish 3	English 3 Advanced Placement
Math	WCJC English 1301
Algebra 1 Honors	WCJC English 1302
Geometry Honors	Math
Algebra 2 Honors	Pre-Calculus
Science	WCJC Math 1314 College Algebra
Anatomy & Physiology	WCJC Math 1324 Business Math
	WCJC Math 1325 Business Calculus
	WCJC Math 1342 Statistics
	WCJC Math 1316 Trigonometry
	Social Studies
	WCJC US History 1301
	WCJC US History 1302
	WCJC Federal Government 2305
	WCJC State Government 2306
	WCJC Economics 2301
	WCJC General Psychology 2301
	WCJC Sociology 1301

*See policy EIC local for information on GPA/Rankings

*Weighting for courses and course offerings are subject to change



Ganado

Independent School District

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Ganado, Texas 77962
361-771-4200
www.ganadoisd.net

ASSURANCE OF NONDISCRIMINATION

It is the policy of (Ganado ISD) not to discriminate on the basis of race, color, national Origin, sex, age or handicap in its vocational programs, services or activities as required by Title IX of the Civil Rights Act of 1964, as amended: Title IX of the Education Amendments of 1972: and Section 504 of the Rehabilitation Act of 1973, as amended.

Es norma de (Ganado ISD) no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo repuieren eo T tulo VI de Ley de Deprechos Civiles de 1964, seg n emienda: el T tulo IX de las Emmiendas en la Educaci n, de 1972, y la Ley de Rehabilitaci n de 1973, seg n enmeinda