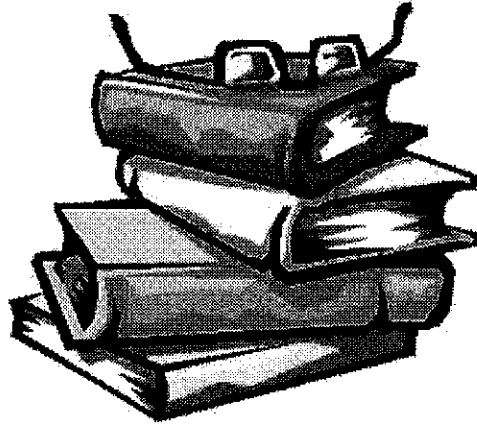


**WEST WENDOVER  
HIGH SCHOOL**



**COURSE CATALOG  
2020-2021**

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## **PREFACE**

This manual contains all courses planned to be offered during the 2018-2019 academic year. It is hoped that with the publication of this material, the individual student will be better able to plan a sound educational program.

Some courses found in this manual are contained to see if demand is sufficient to warrant their placement in the school program.

Grade designations found after the courses in the catalog are recommended years for a class to be taken, allowing students to maintain a continuous, positive progression of their studies. Students of a particular grade level may not select a course recommended for a higher grade level without special permission; however, permission need not be secured for students wishing to enroll in a course recommended below their grade level. This method of selection will guarantee students the required prerequisites for the more advanced course.

All courses are for one class period and one year in length unless otherwise designated. These courses offer one unit of credit per year. Those courses designated as semester courses offer 1/2 unit of credit per semester.

Courses with a designation of 1st or 2nd semester will be offered only that semester.

### **HONORS CRITERIA: District Policy**

Honors classes were placed in the curriculum by the Elko County School District because we believe that accelerated students should be adequately challenged and allowed to proceed at a pace commensurate with their ability.

To assure proper placement of students in these programs, the district has adopted the following criteria governing admission:

1. The student shall have scored at or above the 90th percentile on the district's adopted achievement tests in the year prior to admission and in the curriculum area in which application for the honors class has been made.

**AND - OR**

2. The teacher in the selected discipline area where application for honors is made shall make recommendation to the principal regarding placement of the student at the succeeding grade level. Nothing in this section should prohibit the transfer of a student from or to honors classes, per recommendation of the student's teacher, at any time during the school year. Transfers of this nature should correspond with the end of a grading period.

Upon receiving a grade lower than "B" in any grading period, the student shall be considered for removal from the honors program. A grade lower than a "C" as a semester grade shall automatically remove a student from the honors program.

Though considered honors classes, district approved college level courses taken for college credit are exempt from these provisions. The current requirements for entrance and exit to these programs shall be retained.

Because of the difficult and challenging nature of the honors classes, the following weighted bonus point shall be applied: A = 0.025 bonus point, B = 0.025 bonus point, C = 0.025 bonus point, D = 0.025 bonus point, and F = 0 bonus point.

## **Dual Credit Courses**

Dual credit courses are college courses for which high school students may receive simultaneous college and high school credit.

Great Basin College (GBC) and the Elko County School District have worked together to identify many GBC courses that can be applied toward the student's high school diploma. Not all of these courses are offered every semester. Go to the GBC Dual Credit Website at <http://www.gbcnv.edu/admissions/dualcredit/> for a complete list of courses and forms.

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### **How does a high school student enroll in dual credit GBC courses?**

The following forms only need to be filled out and submitted one time:

- Application for Admission to Great Basin College.  
<http://www.gbcnv.edu/forms/admissions/application.pdf>
- Special Admission Form for High School Students (signed by student and parent/guardian).  
[http://www.gbcnv.edu/forms/admissions/special\\_admission.pdf](http://www.gbcnv.edu/forms/admissions/special_admission.pdf)
- Information Release for High School Students (signed by student so that the GBC grades can be released to the high school)  
[http://www.gbcnv.edu/forms/admissions/release\\_student\\_grades.pdf](http://www.gbcnv.edu/forms/admissions/release_student_grades.pdf)

This form must be submitted preceding *each* semester that the student wants to take dual credit classes:

- High School Permission Form, which lists desired courses and must be signed by the student, the high school counselor, and the high school principal. This serves as a registration form as well. [http://www.gbcnv.edu/forms/admissions/hs\\_permission.pdf](http://www.gbcnv.edu/forms/admissions/hs_permission.pdf)

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### **Important note to parent:**

High school students enrolled in dual credit courses are treated like any other college student. The student, and not the parent or guardian, must sign the appropriate forms, resolve concerns with course instructors, access his or her own grades, etc. **All fees are due before classes begin.**

# High School

## Recommended Four Year Educational Plan

**9<sup>th</sup>**

1	English I
2	Math
3	Physical Science
4	Physical Education
5	_____
6	_____
7	_____

**10<sup>th</sup>**

1	English II
2	Math
3	Biology I
4	World History
5	Health
6	Personal Finance Literacy – Class of 2019-2023
7	_____

**11<sup>th</sup>**

1	English III
2	US History
3	Physical Education
4	Math
5	Science
6	_____
7	_____

**12<sup>th</sup>**

1	Eng. IV, Eng. 101/102, or College Read. Eng.
2	Government
3	_____
4	_____
5	_____
6	_____
7	_____

HUMANITIES/OCCUPATIONAL COURSES MAY BE TAKEN AT ANY GRADE LEVEL.

### **GRADUATION REQUIREMENTS**

23 Credits consisting of:

FOUR CREDITS of ENGLISH

THREE CREDITS of MATH

THREE CREDITS of SCIENCE

THREE CREDITS of SOCIAL STUDIES

ONE-HALF CREDIT of HEALTH

ONE-HALF CREDIT of COMPUTER\*

TWO CREDITS of PHYSICAL EDUCATION

ONE CREDIT of HUMANITIES

SIX ELECTIVE CREDITS

### **BASIC COLLEGE REQUIREMENTS**

FOUR CREDITS of ENGLISH

THREE to FOUR CREDITS of MATH

(ALG I, ALG II, GEOMETRY)

THREE to FOUR CREDITS of LAB SCIENCE

THREE CREDITS of SOCIAL STUDIES

ONE-HALF CREDIT of COMPUTER

TWO CREDITS of a FOREIGN LANGUAGE

\*This is not a requirement for all colleges

NOTE: \*One-half credit is earned for a semester of work completed with a grade of "D" or above in 8<sup>th</sup> grade.

## **ATTENTION STUDENTS**

**Would you like to be earning college credits while enrolled  
in high school classes?  
BECOME A TECH PREP STUDENT!**

**Because of Articulation Agreements with Great Basin College, this is possible.**

When you complete any of the courses listed below during your **Junior or Senior year** with at least a **“B” grade**, you can receive Great Basin College credit for your first semester as a college student at GBC. You get a head start on a college program and you do not need to relearn what you already know.

### **Courses available in this program include:**

3-D Imaging	Early Childhood	Microsoft Office
A+ Computer	Electronics	Natural Resources
Accounting	Emerg Medical Tech	Nurse’s Assistant
Ag Mech/Welding	Entrepreneurship	Nutrition & Fitness
Agriculture Science	Graphic Communications	Ornamental Horticulture
Animal Science	Health Occupations	Veterinary Medicine
Computer Aided Drafting	Keyboarding	Web Design
	Landscape Management	

\*Not all classes are available at all schools.

**Credit earned in articulated high school courses would be documented on the student’s competency portfolio profile. This then would be a matter of record on the student’s high school transcript.**

Students who wish to enroll in GBC as a Tech Prep Student must do the following:

- A) Complete a “Tech Prep Admission & Registration Form” and return it to your guidance counselor.
- B) Pay the \$10 GBC New Student Fee (make checks payable to “The Board of Regents”). Staple it to the form or pay at GBC Admissions and records. (Except for students who have already enrolled at GBC and have paid this fee.)

Upon paying the GBC New Student Fee (\$10), students will be able to receive up to 15 college credits on a GBC transcript. Articulated courses will be noted on the student’s GBC transcript as a “Pass”.

See your guidance counselor for all details.



**REQUIREMENTS BY GRADE LEVEL**  
**Class of 2024 & Beyond**

**9TH GRADE\*\***

**CREDITS**

English I	1
P.E.	1
Physical Science	1
Math	1

**10TH GRADE\*\***

English II	1
World History	1
Math	1
Biology I	1
Health	½
Computer	½

**11TH GRADE\*\***

English III	1
US History	1
Math	1
Science	1
P.E.	1

**12TH GRADE\*\***

Eng. IV, Eng.101/102, or College Readiness Eng.	1
Government	1

\*\*Humanities /Occupational – To be taken at any grade level 1 cr.

## **GRADUATION REQUIREMENTS – CLASS OF 2020-2023**

*To receive a diploma signifying graduation from an Elko County High School, a student must fulfill the following requirements:*

**I. Completion of 23 Credits**

**II. Required Areas of Study**

**III. Take the ACT Exam**

### **Areas of Study**

### **Credits**

<b>A. English Language Arts</b>	<b>4</b>
English I	1
English II	1
English III	1
Eng. IV, Eng.101 / 102, or College Prep Eng.	1
<b>B. Health</b>	<b>½</b>
<b>C. Computer</b>	<b>½</b>
<b>D. Personal Finance Literacy</b>	<b>½</b>
<b>E. Mathematics</b>	<b>3</b>
<b>F. Physical Education</b>	<b>2</b>
<b>G. Science</b>	<b>3</b>
<b>H. Social Studies</b>	<b>3</b>
World History	1
US History	1
Government	1
<b>I. Humanities/Occupational</b> (See listing below)	<b>1</b>
<b>J. Electives</b>	<b>5½</b>

### **HUMANITIES/OCCUPATIONAL COURSES**

All Art Dept. Courses

All Music Dept. Courses

Speech I – III

Advanced Speech

Drama I – II

Journalism IV

French III – AP French

German III - IV

Spanish III – AP Spanish

All Welding

All Furniture & Cabinet

All Family Consumer Science

**(All Career and Technical Education Courses satisfy this requirement.)**

## **GRADUATION REQUIREMENTS – CLASS OF 2024 & BEYOND**

*To receive a diploma signifying graduation from an Elko County High School, a student must fulfill the following requirements:*

- I. Completion of 23 Credits**
- II. Required Areas of Study**
- III. Take the ACT Exam**

### **Areas of Study**

### **Credits**

<b>A. English Language Arts</b>	<b>4</b>
English I	1
English II	1
English III	1
Eng. IV, Eng.101 / 102, or College Prep Eng.	1
<b>B. Health</b>	<b>½</b>
<b>C. Computer</b>	<b>½</b>
<b>D. Mathematics</b>	<b>3</b>
<b>E. Physical Education</b>	<b>2</b>
<b>F. Science</b>	<b>3</b>
<b>G. Social Studies</b>	<b>3</b>
World History	1
US History	1
Government	1
<b>H. Humanities/Occupational</b> (See listing below)	<b>1</b>
<b>I. Electives</b>	<b>6</b>

### **HUMANITIES/OCCUPATIONAL COURSES**

All Art Dept. Courses  
All Music Dept. Courses  
Speech I – III  
Advanced Speech  
Drama I – II  
Journalism IV

French III – AP French  
German III - IV  
Spanish III – AP Spanish  
All Welding  
All Furniture & Cabinet  
All Family Consumer Science

**(All Career and Technical Education Courses satisfy this requirement.)**

## **ADVANCED DIPLOMA REQUIREMENTS:**

A. Completion of 4 Math credits (Alg. II required)
B. Minimum GPA of 3.25
C. Completion of 24 credits

### **Advanced Placement (AP) Information**

The Advanced Placement Program is sponsored by the *College Board*, a non-profit membership association. AP offers 35 college-level courses and exams in 19 subject areas for highly motivated students in secondary schools. Its reputation for excellence results from the close cooperation among secondary schools, colleges, and the *College Board*. More than 2,900 universities and colleges worldwide grant credit, advanced placement, or both to students who have performed satisfactorily on the exams, and 1,400 institutions grant sophomore standing to students who meet their requirements. Approximately 13,000 high schools throughout the world participate in the AP Program.

You will find more information about the AP Program at [www.collegeboard.com/ap](http://www.collegeboard.com/ap). This web site is maintained for the AP program by [www.collegeboard.com](http://www.collegeboard.com), a destination web site for students and parents.

**AP Courses** are available in the ECSD in the areas listed below. Not all courses are offered at all schools, but some are offered via interactive video on a specific schedule. See your counselor for details. Honor points will be given for AP classes per the district honors policy. Each course is developed by a committee composed of college faculty and AP teachers. Members of these Development Committees are appointed by the *College Board*.

**AP Exams:** For each AP course, and AP Exam is administered at participating schools and multi-school centers worldwide. There is a fee to take these exams. Low income students may qualify for grant funds that will pay for this exam. See your counselor for details.

**Equity Access:** The *College Board* is committed to the principle that all students deserve an opportunity to participate in the rigorous and academically challenging courses and programs. The *Board* encourages the elimination of barriers that restrict access to AP courses for students from ethnic and racial groups that have been traditionally under-represented in the AP Program.

**Courses:** AP Biology, AP Calculus AB, AP Calculus BC, AP Chemistry, AP US History, AP Government, AP Psychology, AP Spanish, AP Literature, AP French, AP Physics

Because of the difficult and challenging nature of the AP courses, the following weighted bonus point shall be applied: A = 0.050 bonus point, B = 0.050 bonus point, C = 0.050 bonus point, D = 0.050 bonus point, and F = 0 bonus point.

**NEW 3<sup>RD</sup> DIPLOMA OPTION IS A**  
**COLLEGE AND CAREER READY DIPLOMA OTHERWISE**  
**CALLED THE CCR DIPLOMA**

Same 3.25+ GPA and credits as the Advanced Diploma AND MUST INCLUDE:

- 2 AP OR 2 Dual Credit (GBC) or 2 CTE pathway courses or 2 world language course credits or Biliteracy Seal AND
- Must earn one or both endorsements:
  - ✓ College-Ready Endorsement – earn minimum scores on ACT English 18 & Math 22
  - ✓ Career-Ready Endorsement – earn minimum score on ASVAB 50 or above OR obtain CTE Skills Attainment Certificate – pass NV online state Workplace Readiness exam & CTE subject exam



# MILLENNIUM CORE CURRICULUM

- **New requirements beginning with class of 2009:**
- **Completion of the following curriculum in high school (in addition to the other requirements for eligibility):**
- **More information** [http://www.nevadatreasurer.gov/GGMS/GGMS\\_Home/](http://www.nevadatreasurer.gov/GGMS/GGMS_Home/)



High School Course	Units
English	4
Math (including Algebra II)	4
Natural Science	3
Social Science and History	3
<b>TOTAL</b>	<b>14</b>

## GPA

You must finish high school with an overall 3.25 GPA for all coursework, or receive a qualified score on a college entrance examination.



For the class of 2016 and beyond, the Nevada Board of Regents established the minimum score as follows:

- **SAT**
  - ✓ Students who take the SAT before March 1<sup>st</sup> of 2016 must obtain a combined reading and math score of 90 or higher,
  - ✓ Students who take the SAT on March 1, 2016 or later must obtain a combined reading, writing and math score of 1070 or higher.
- **ACT**
  - ✓ Students must obtain a combined score of 21 or higher.



## NCAA FRESHMAN-ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

### KNOW THE RULES:

#### Core Courses

- **NCAA Division I requires 16 core courses as of August 1, 2008.** This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.
- **NCAA Division II requires 14 core courses.** See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

#### Test Scores

- **Division I** has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on page two of this sheet.
- **Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- **All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency.** Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

#### Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- **Be sure** to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is [www.eligibilitycenter.org](http://www.eligibilitycenter.org).
- **Division I** grade-point-average requirements are listed on page two of this sheet.
- The **Division II** grade-point-average requirement is a minimum of 2.000.

#### **DIVISION I 16 Core-Course Rule**

##### 16 Core Courses:

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

#### **DIVISION II 14 Core-Course Rule**

##### 14 Core Courses:

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

**PLEASE NOTE:** Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

**\*\*\*\*ATTENTION STUDENTS\*\*\*\*:**

**ALL COURSE NAMES SHOW THE LENGTH OF THE COURSE (EITHER SEMESTER OR YEAR), CREDIT TYPE EARNED, GRADE ENTRY LEVEL AND PREREQUISITES WHERE APPLICABLE. COURSE DESCRIPTIONS INDICATE GENERAL REQUIRMENTS AD PERTINENT INFORMATION FOR STUDENTS.**

**ART CURRICULUM**

**HART001 - FOUNDATION OF DESIGN (Year) - H/O – Freshman - Senior**

A one year introductory art class that is a prerequisite for all following art classes. The student gains an understanding of the elements of art and Principles of Design and is able to apply these to the creation of art.

**HART002 - DRAWING & PAINTING (Year) - H/O – Sophomore - Senior**

Prerequisite: *Foundation of Design*

A one year course designed to offer students a working knowledge of drawing and painting, and a background for personal enjoyment. Awareness of and appreciation for the fine arts will be developed by hands-on use of various media and the study of other artists.

**HART003 - ADVANCED ART (Year) - H/O- Junior - Senior**

Prerequisite: *Foundation of Design plus 1 or more Art classes, and permission from teacher*

The following is a one year course of study. The course is designed to give the advanced student a chance to explore several different art media. The course should develop the student's use of sensory elements, organizational principles and expressive features in completing individual works of art.

**HART004 - STUDIO ART (Year) - H/O- Senior**

Prerequisite: *Foundation of Design and permission from teacher*

A third or fourth year course of study in fine arts for students of exceptional talent and ability who have completed foundations courses in fine art processes.

**HART005 - MEDIA ART (Year) - H/O- Freshman - Senior**

A one-year course of study offered as an option to provide students with an additional opportunity to enroll in an art class. The basic premise of this offering is to expose the student to a variety of art experiences both two and three dimensional. Suggested options are drawing, painting, sculpture, printmaking, clay work and graphic design. The student does not have to have a background or art experience.

**HART007 - POTTERY (Year) - H/O – Freshman - Sophomores**

A one-year course that provides experience in using basic elements and procedures found in the pottery making business as a creative means of aesthetic expression.

**Supply fee - \$20.00**



## **FOREIGN LANGUAGE CURRICULUM**

### **HFLA006 - SPANISH I (Year) - Elective – Freshman**

This course is designed to provide an introduction to the Spanish language and life through mastery of basic structured patterns and pronunciation. This shall be done through oral and written dialogues, conversations, and pattern drills. There will also be opportunity to use the language in original oral and written statements. Cultural and geographic backgrounds may be presented in both Spanish and English. Areas of particular interest to be covered in vocabulary include simple greetings, numbers, school, family, clothing, and food.

### **HFLA007 - SPANISH II (Year) - Elective – Sophomore**

Prerequisite: *Spanish I*

This course is designed to provide for the continued development of audio-lingual proficiency and to increase the emphasis on reading, comprehension, and the acquisition of writing skills in the Spanish language. This will be accomplished through the use of written, oral, and original dialogues, original paragraphs, and the continued study of grammar and extensive vocabulary.

### **HFLA008 - SPANISH III (Year) - H/O - Junior**

Prerequisite: *Spanish I, II*

These courses are designed so that the student is given an opportunity to develop more skill in reading the language and more fluency and spontaneity in conversation. This is achieved by the reading of short stories, plays, poetry, essays, and articles which are only slightly simplified, if at all. Discussions based on the readings and original conversations encompassing a wide range of vocabulary will be conducted totally in Spanish.

### **HFLA009 - SPANISH IV- H/O - Senior**

Prerequisite: *Spanish I, II, and III*

These courses are designed so that the student is given an opportunity to develop more skill in reading the language and more fluency and spontaneity in conversation. This is achieved by the reading of short stories, plays, poetry, essays, and articles which are only slightly simplified, if at all. Discussions based on the readings and original conversations encompassing a wide range of vocabulary will be conducted totally in Spanish.

## **FAMILY & CONSUMER SCIENCE CURRICULUM**

### **HHEC005 - FOODS AND NUTRITION I – H/O - Freshman - Senior**

This course provides an introduction to the study of foods and nutrition. Emphasis is placed on exploring food choices and meal preparation in relation to nutrition, fitness, lifecycle, customs, and cooking methods.

### **HHEC006 – FOODS AND NUTRITION II – H/O - Sophomore - Senior**

Prerequisite: *Foods and Nutrition I*

This course is continuation of Foods and Nutrition I. This course provides intermediate students with more advanced activities in food science and nutrition with an introduction to careers in food sciences

and food manufacturing industries. The appropriate use of technology and industry-standard equipment is an integral part of this course.

**HHEC007 – FOODS AND NUTRITION III – H/O - Junior - Senior**

Prerequisite: *Foods and Nutrition II*

This course is continuation of Foods and Nutrition II. This course provides intermediate students with more advanced activities in food science and nutrition with an introduction to careers in food sciences and food manufacturing industries. The appropriate use of technology and industry-standard equipment is an integral part of this course.

**HHEC008 – FOODS AND NUTRITION ADVANCED STUDIES – H/O - Senior**

Prerequisite: *Foods and Nutrition III*

This course is continuation of Foods and Nutrition III. This course provides intermediate students with more advanced activities in food science and nutrition with an introduction to careers in food sciences and food manufacturing industries. The appropriate use of technology and industry-standard equipment is an integral part of this course.

**HHEC001 – FASHION DESIGN & CONSTRUCTION I – H/O - Freshman - Senior**

This course is designed to provide students with fundamentals of fashion concepts and construction. Areas of emphasis include individual image, consumer decision-making, fabric and pattern selection, construction techniques, the use and care of sewing equipment, clothing repair, and fashion-related occupations.

**HHEH009 – HUMAN DEVELOPMENT I - Freshman - Senior**

This course introduces the topic of Human Development. Areas of study include the stages of human growth and development throughout the lifespan with a focus on conception through childhood. Topics include developmental stages and influences on physical, intellectual, social and emotional growth.

**HHEH010 – HUMAN DEVELOPMENT II - Sophomore – Senior**

Prerequisite: *Human Development I*

This course introduces the topic of Human Development. Areas of study include the stages of human growth and development throughout the lifespan with a focus on conception through childhood. Topics include developmental stages and influences on physical, intellectual, social and emotional growth.

**HEALTH CURRICULUM**

**HHEA001 - HEALTH (Semester) – Health - Sophomore**

This course is designed to offer the student a realistic view of the health and safety aspects of his own daily activities. The course seeks to stimulate, motivate, and inspire the student to use wise health behaviors by identifying with the interests and problems of his own age group. This shall be

accomplished by studying human growth and developments, dangerous use of tobacco, alcohol, drugs, disease control, mental health, community health, human sexuality, AIDS, accident prevention, safety, first aid, nutritional health, consumer health and health careers.

## **INFORMATION & MEDIA TECHNOLOGIES**

### **HIMT007 - GRAPHIC DESIGN I – H/O – Freshman - Senior**

This course is designed to introduce students to the fundamental skills and knowledge needed to create graphic works using industry-standard hardware and software for a variety of purposes and outputs. Areas of study include the understanding of the industry history, terminology, color, design principles, typography and ethical and legal issues related to graphic designs. Emphasis is placed on layout design and the creation and manipulation of graphics. Students will develop their skills utilizing industry-standard software and equipment.

### **HIMT008 - GRAPHIC DESIGN II – H/O – Sophomore - Senior**

Prerequisite: *Graphic Design I*

This course is a continuation of Graphic Design I. This course provides advanced graphic design students with instruction in advanced techniques and processes. Students will work on projects simulating challenges found in the design industry such as corporate identity, publishing, advertising, web applications, and package design. Students will develop their skills utilizing industry-standard software and equipment. Portfolio development will be emphasized. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **HIMT009 - GRAPHIC DESIGN III – H/O – Junior - Senior**

Prerequisite: *Graphic Design II*

This course is a continuation of Graphic Design I. This course provides advanced graphic design students with instruction in advanced techniques and processes. Students will work on projects simulating challenges found in the design industry such as corporate identity, publishing, advertising, web applications, and package design. Portfolio development will be emphasized. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **HIMT010 - GRAPHIC DESIGN ADVANCED STUDIES – H/O - Senior**

Prerequisite: *Graphic Design III*

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the student's topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

### **HIMT027 COMPUTER SCIENCE I – H/O Freshman – Senior**

This course is designed to introduce students to programming and the role of the computer in society. The areas of major emphasis in the course will be n object-oriented programming methodology, algorithms data structures and ethics. Topics will include program design, program implementation,

standard data structures, standard algorithms and an introduction to C++ language.

### **HIMT027 COMPUTER SCIENCE II – H/O Sophomore – Senior**

This course is a continuation of Computer Science I. The course provides intermediate computer science students with instruction in advanced techniques and processes, particularly as it relates to the language of C++. The areas of major emphasis in the course will be on object-oriented programming methodology, algorithms, data structures and ethics. Topics will include program design, program implementation, standard data structures, and standard algorithms. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **HIMT028 - AP COMPUTER SCIENCE PRINCIPLES (Year) – H/O – Sophomore – Senior (Freshman by approval only)**

Prerequisite recommended: Algebra I completed.

This course helps students understand how computing and technology influence the world around them. This course focuses on technology and programming as a means to solve computational problems and find creative solutions. Students create digital projects, such as games and apps, to address real-world issues in the same way writers, programmers, engineers, and designers do.

## **LANGUAGE ARTS CURRICULUM**

### **HLAN001 - ENGLISH I (Year) - Language - Freshman**

Ninth grade English involves an introduction to the various types of literature: namely short stories, non-fiction (including biography, autobiography, articles, essays) poetry, drama, and one novel. The students are accountable for an oral or written book review.

Special emphasis is placed on descriptive (creative) and expository writing. Much instruction is given in the writing of effective and lengthy expository paragraphs.

Also, functional grammar usage and punctuation are taught. Traditional grammar is taught with stress being placed on sentence sense and diversity in sentence construction. Classes engage in regular drill in spelling, vocabulary, and to a limited degree, oral presentation. Library skills are taught through an assigned term paper.

### **HLAN002 - ENGLISH II (Year) - Language - Sophomore**

This course includes the study of various forms of literature; short story, poetry, drama, non-fiction, and novel. Literary terminology such as style, satire, point of view, characterization, conflict, and others are discussed. Emphasis is placed on written analytical and comparative essays in relation to the literature studies. Oral presentations also are a part of this course.

English usage is reviewed. This review includes vocabulary improvement and a concentrated study of traditional grammar. Creative writing, an introduction to giving speeches, and a research paper are presented in an effort to strengthen the concepts gained in the grammar study.

Book reviews and reports are given both orally and in a written form at regular intervals.

### **HLAN003 - ENGLISH III (Year) - Language - Junior**

This course will include American literature, vocabulary - spelling, writing, grammar, listening - speaking. The development of American literature and its various forms will be emphasized. Spelling and vocabulary assignments will be aimed at aiding the students to develop larger personal vocabularies and improved spelling abilities. Written assignments will be based on punctuation and

grammar review, vocabulary, and spelling using information gathered in the study of American literature. Speaking - listening will be a part of this course.

#### **HLAN004 - ENGLISH IV (Year) - Language - Senior**

This class will focus on the standards set by the Elko County School District, which follows the four strands of the Nevada Curriculum Standards in Language Arts: reading - literature, listening - speaking, writing, and research. Students will read and analyze selections from British Literature, history, and culture, using a variety of printed material, including classical literature, contemporary literature, works from various British genres, and real-word texts. Students will: identify universal themes of cultures, relating them to personal experience, recognize major literary forms and techniques. Recognize the characteristics of major chronological eras. Relate literary works and authors to major themes and issues of specific eras. Examine a literary selection from several critical perspectives. Students will read and evaluate a variety of printed material, a variety of poetry, dramatic selections. Students will continue to develop a rich vocabulary through experiences with a variety of texts. Students will listen critically and ask appropriate questions to clarify the viewpoints of others in discussion and - or interviews. Students will use verbal and nonverbal skills to deliver formal presentations. Students will write in variety of forms with an emphasis on exposition, persuasion, and cause - effect format. The writing traits and process will continue to be emphasized.

#### **HLAN006 - ENGLISH I HONORS (Year) - Language - Freshman**

Prerequisite: *Honors Criteria*

This class is designed primarily for college-bound students. Skills necessary for understanding and appreciating various genres of literature such as the novel, drama, and poetry will be emphasized, including literary terms and techniques. Writing in a variety of forms will be taught with stress on transferring ideas into clear written form using effective sentence structure, vocabulary, and grammar. Traditional grammar will be taught with emphasis on improving usage, sentence structure, and logic. The study of research and library skills will culminate in a short term paper on an approved topic. Book reports are required at regular intervals.

#### **HLAN007 - ENGLISH II HONORS (Year) - Language - Sophomore**

Prerequisite: *Honors Criteria*

This class is an honors course designed for college-bound students. This class will concentrate on the areas of reading, writing, speaking and research. Students will read and critique literary works in the following genres: short story, novel, poetry, and drama. They will study authors of different cultures and time periods. Students will continue working with the writing process and the writing traits. They will write cohesive multi-paragraph essays focusing on analytical writing, but creative writing such as stories, poetry, skits, and journals, etc. will be included. There will be a unit in which grammar usage is reviewed and vocabulary improvement is emphasized. Students will work to improve speaking skills through discussions, role-plays, skits, etc., and a ten minute oral presentation. A brief research project will also be required.

#### **HLAN008 - ENGLISH III HONORS (Year) - Language - Junior**

Prerequisite: *Honors Criteria*

Course readings will emphasize 19th and 20th Century American literature, but selections will include works from other cultures and periods. All major genres will be covered, including non-fiction. Group and individual projects that emphasize reading, writing, and oral communications will be required. Students will create a portfolio of their work, making selections from class work and from work done in other areas. Writing assignments will be designed to increase the student's awareness of his or her style and of the composition process. Responding to the literature and to the writing of others will form

a cornerstone of the class.

### **HLAN005 – COLLEGE READINESS ENGLISH (Year) - Language - Senior**

*This course will satisfy an English IV credit.*

This course is recommended for students who are not ready for college English 101 and 102 (*receiving an English ACT score of less than 18*), but have the intention of continuing their education beyond high school. The goal of the class is to increase the students' understanding of writing composition to prevent having to take remedial college English course.

The curriculum for this class is designed to develop writing skills. It will focus on writing conventions, as well as improving the students' sophistication of writing style. Compositions assignments will include a variety of argumentative and expository writing.

The reading in this course will be primarily non-fiction and will act as model for improved writing.

### **HLAN013 – JOURNALISM I (Broadcast Journalism) – Elective – Freshman – Senior**

This course allows students to develop 21<sup>st</sup> Century skills in a collaborative and student led environment, including student run Television, Newspaper, Blogs, Vlogs, YouTube Channel and more. Additionally, the course allows students to tell the stories that mean the most to them, their school and community.

### **HLAN014 – JOURNALISM II (Broadcast Journalism) – Elective – Sophomore – Senior**

Prerequisite: Journalism I

This course is a continuation of Journalism I in order that students may continue to build upon and improve 21<sup>st</sup> Century skills (see above Journalism I description).

### **HLAN020 - DRAMA I (Year) - H/O – Freshman - Senior**

This class is designed to expose students to all aspects of theater and theater production. Areas covered will include acting, makeup, lighting, staging and set design. Student will also get exposure to plays from a historical perspective. (*Oedipus to Steel Magnolias*). Performance and participation in class as well as participation in one of the extra-curricular productions is required.

### **HLAN021 - DRAMA II (Year) - H/O – Sophomore - Senior**

Prerequisite: Drama I

The second year of drama is a continuation of Drama I. Students will have added responsibility in leading demonstrations on makeup, staging, lighting and set design. They will get exposure to playwriting and directing. Emphasis will be on acting and preparing for college and - or professional auditions and interviews. Participation in one of the extra-curricular productions is required.

### **HLAN021 - PUBLICATIONS I (Year) – Elective – Freshman - Senior**

This course will emphasize copy writing, photographic layout and design. In addition, organizational skills, accuracy and meeting deadlines will be stressed. This course may include the school Yearbook.

### **HLAN022 - PUBLICATIONS II (Year) - Elective – Sophomore - Senior**

Prerequisite: *Publications I*

Students will build on skills learned in Publications I. Students will design layouts, take pictures of current events around school, write copy and captions and crop photos to fit layouts. In addition,

students will assume assistant leadership roles within the staff organization.

### **HLAN023 - PUBLICATIONS III (Year) - Elective – Junior - Senior**

Prerequisite: *Publications I & II*

Students will assume leadership roles on the staff. They will be responsible for planning, organizing and overseeing work on the various sections of the yearbook. They will assist in training new staff members.

## **LAW & PUBLIC SAFETY CURRICULUM**

### **HHSP007- CRIMINAL JUSTICE I (YEAR) – H/O – Junior - Senior**

This course allows students to develop an understanding of the difference between the civil and criminal codes in the American legal system, with a particular emphasis on criminal and civil cases decided by Nevada courts by Nevada Revised Statutes. Students will explore themes in both civil and criminal law reflecting American social, moral, political and economic values. Students will focus on legal terminology and writing, and courtroom environment. Civil law will give an overview of tort, contract, bankruptcy, and administrative law. Students will focus on criminal law and various aspects of behavior and actions of citizens, corporations and other associations deemed illegal by state and federal governments.

### **HHSP008- CRIMINAL JUSTICE II (YEAR) – H/O – Senior**

Prerequisite: *Criminal Justice II*

This course is continuation of Criminal Justice I or Foundations of Public Safety. This course allows intermediate criminal justice students to develop their knowledge and skills. Areas of study will include civil law, criminal law, legal and ethical issues, forensics toxicology, laboratory technology, and research skills. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **HHSP011 – EMERGENCY TELECOMMUNICATIONS I – H/O – Freshman - Senior**

This entry-level course is designed for the student interested in a career in the emergency communications field. Areas of study will include telecommunication centers, dispatching, use of 911 computer systems, participation in emergency scenarios, and call processing. The appropriate use of technology and industry-standard equipment is an integral part of this course.

## **MATH CURRICULUM**

In order for all students to receive the appropriate instruction in the state math standards necessary for the proficiency test, it is recommended that students take Pre-algebra in the 7<sup>th</sup> grade. If at all possible, students should start with Algebra I in 8<sup>th</sup> grade or as freshmen then proceed to Geometry and Algebra II in that order. **To ensure appropriate math placement, all students must have their current math teacher's recommendation signed on the registration form.**

### **HMAT011– CONSUMER MATHEMATICS ( Year) – Math – Junior - Senior**

Consumer mathematics combines consumer education with the mathematics necessary for making consumer decisions. Topics include income, budgeting, purchasing, banking, credit, investments,

taxation, transportation and travel, housing, insurance probability, statistics, and the operation of a small business. Emphasis is placed on the mathematics involved in careers. Material is presented in the context of problem-solving situations. Materials from newspapers, magazines, and websites keep the content current.

#### **HMAT001 - ALGEBRA I (Year) - Math**

This course strives to develop problem-solving skills. It emphasizes understanding of our number system, solving various types of equations, graphing, and simplifying algebraic expressions. It is designed to prepare students for advancement to Geometry and Algebra II.

#### **HMAT002 - GEOMETRY – (Year) – Math**

Geometry is the study of shapes, forms and solids. Introduction to formal proof, symbolic logic and geometric constructions will be included in the course. Coordinate geometry will be introduced along with fundamental trigonometric definitions. Heavy emphasis is placed on measurement, properties and relationships of points, lines, angles, surfaces and solids.

#### **HMAT003 - ALGEBRA II (Year) – Math**

Prerequisite: *Algebra I*

The concepts of Algebra I are reviewed, strengthened, and expanded in this course. Additional algebraic topics covered include logarithms, probability, and various discrete mathematics concepts. It is designed to prepare students for advancement to higher level math classes.

#### **HMAT007 - PRE-CALCULUS HONORS (Year) – Math – Junior - Senior**

Prerequisite: *Algebra II, Geometry*

This course is designed as an honors course for those students planning to enroll in high school calculus. Major areas of study are trigonometry, statistics, probability, algebraic functions (needed for calculus), and other discrete math topics.

#### **HMAT008 - AP CALCULUS AB (Year) - Math – Junior - Senior**

Go to [http://www.collegeboard.com - student - testing - ap - sub\\_calab.html?calcab](http://www.collegeboard.com - student - testing - ap - sub_calab.html?calcab) for a full course description.

### **MUSIC CURRICULUM**

#### **HMUS001 - BAND (Year) - H/O – Freshman - Senior**

The purpose of the one-year Band I course is to improve the individual playing skills of the student while providing a variety of performing experiences. In addition, the process of developing an understanding and appreciation of music in general and of concert literature through listening, performance, theory and skill development will continue. This course is a continuation of skills and concepts learned in Band at the High School or Middle School level. Students must meet eligibility requirements in order to represent the school in any performance activities outside of the classroom.

#### **HMUS003 – JAZZ BAND H/O – Freshman – Senior**

Prerequisite: *Complete one year of Band (middle school or high school).*

Jazz band is a class where students will be able to study and play various styles of jazz music and learn how to play improvised solos.



### **HMUS006 – PERCUSSION H/O – Freshman – Senior**

Band class for drummers only.

### **HMUS007 - GUITAR (Year) - H/O-Freshman - Senior**

This course is designed for students with no previous guitar experience. Students will receive guidance and direction for solving problems related to playing the guitar on a beginning level and will learn many of the different styles, skill and techniques required to become a successful musician. Students must meet eligibility requirements in order to represent the school in any performance activities outside of the classroom.

### **HMUS008 – GUITAR II H/O – Sophomore – Senior**

Prerequisite: *Guitar*

### **HMUS011 - CHORUS (Year) - H/O-Freshman - Senior**

This course is designed to acquaint vocal music students with a variety of choral literature and the many techniques of vocal production. Students must meet eligibility requirements in order to represent the school in any performance activities outside of the classroom.

This course may be repeated.

## **NON-DEPARTMENTAL CURRICULUM**

### **HND001 - WORK PRIVILEGE – Senior**

Only Seniors in good standing, on track for graduation can qualify for up to two periods of Work Privilege. Seniors need to have passed all classes the previous semester or have a 2.0 GPA for the previous semester.

### **HNDP002 - ATTENDANCE AIDE - Elective – Junior - Senior**

Prerequisite: *Principal Recommendation*

Attendance aides work in the attendance office. Students learn office procedures by working with records, filing, answering the phone, and by basically helping with office procedures. Students must have excellent attendance, and they must be friendly and courteous. Since many of the tasks in all of the offices deal with sometimes sensitive records or sensitive issues, respect for confidentiality is a primary responsibility. Students should check with the prospective office supervisor for an interview before signing up for this class.

### **HNDP004 - TUTOR AIDE – Elective – Junior - Senior**

Prerequisite: *Counselor Recommendation*

Tutors can work one-on-one, in small groups, in a lab, or in a classroom with students. Tutors review concepts or explain processes to improve the student's academic achievement and assist the student in becoming capable of independent academic success.

Tutoring is a support service for students and is not intended to take the place of instruction. Tutors help students understand, express, and apply course concepts. Tutors advise students, when appropriate, concerning methods and habits of study, and provide relevant examples of materials.

**HND019 - ELEMENTARY TUTOR – Elective**

Prerequisite: *Counselor Recommendation*

The student will spend time at West Wendover Elementary School working with a teacher in classroom. The student will learn some of the work of an elementary teacher. This class is beneficial for a student interested in becoming a teacher. Good attendance is mandatory.

**HNDP014 - ESL SHADOW (Year) - Elective – Sophomore - Senior**

Prerequisite: *Counselor OR Teacher Recommendation*

This course is designed to aide Limited English Proficient (LEP) students in regular, mainstreamed classes. It is desirable that the shadow students be proficient in a foreign language. Shadows will assist (LEP) students in taking notes, learning study skills, and in improving English communication skills.

**HNDP011 - STUDY HALL (Semester) – Sophomore - Senior**

Prerequisite: *Counselor OR Teacher Recommendation*

This course is intended for those students taking a dual credit &/or college course at Great Basin College in order to have study time during regular school hours. Students are to come to class with study materials. It is to be a quiet, studious atmosphere. (No credit if class is not a dual credit course).

**HNDP1005 - PRINCIPAL AIDE - Elective – Junior - Senior**

Prerequisite: *Principal Recommendation*

Principal aides work in the principal's office. Students learn office procedures by working with records, filing, answering the phone, and by basically helping with office procedures. Students must have excellent attendance, and they must be friendly and courteous. Since many of the tasks in all of the offices deal with sometimes sensitive records or sensitive issues, respect for confidentiality is a primary responsibility. Students should check with the prospective office supervisor for an interview before signing up for this class.

**HNDP006 - GUIDANCE AIDE - Elective – Junior - Senior**

Prerequisite: *Principal Recommendation*

Guidance aides work in the guidance office. Students learn office procedures by working with records, filing, answering the phone, and by basically helping with office procedures. Students must have excellent attendance, and they must be friendly and courteous. Since many of the tasks in all of the offices deal with sometimes sensitive records or sensitive issues, respect for confidentiality is a primary responsibility. Students should check with the prospective office supervisor for an interview before signing up for this class.

**HNDP008 - LIBRARY AIDE (Semester) – Elective – Junior - Senior**

Prerequisite: *Principal Recommendation*

The student aide will maintain records, keep files, shelve books, locate information, help maintain the library environment and assist the school librarians in several other assigned tasks. Typing skills and computer competency are beneficial but not mandatory requirements. Attendance is a very important component of the grade in this class.

## **HND020 – JAG - Elective – Freshman - Senior**

Jobs for America's Graduates (**JAG**) is an innovative non-profit program that has been credited with changing the lives of a million young people across the country by helping them stay in school, move on to pursue higher education and/or gainful employment.

## **PHYSICAL EDUCATION CURRICULUM**

### **HPE001 - INTERSCHOLASTIC ACTIVITIES- Physical**

The Elko County School District shall award a pupil not more than one-half (1/2) credit per semester up to one (1) credit maximum in physical education if the pupil participates in interscholastic athletics, on a drill team, in a marching band, in a dance group or on a cheerleading squad if: (a.) The activity is sponsored by the school; and (b.) The pupil actively participates in the activity for at least 120 hours that is verified by the coach or advisor. Students will earn either a Pass (P) or Fail (F) grade. This course will not be used in the GPA or honor roll calculation.

### **HPE002 - WEIGHTS (Year) – Physical – Freshman - Senior**

An elective Physical Education course designed for students desiring a more extensive conditioning and physical training program. The basics of lifting, plyometrics, and training techniques will be taught. Proper techniques of lifting and spotting will be emphasized. The goal of the course will be to increase the individual's strength, flexibility, and endurance.

### **HPE005- LIFE SPORTS (Year) – Physical – Freshman - Senior**

This course reinforces the importance of physical activity to one's health and in doing so, introduces student to various lifetime sports and recreational activities as fun and socially engaging options one might pursue to meet physical activity guidelines. Developing sports skill competency and understanding of key tactical aspects of gameplay/competition are associated with participation and therefore, are major focal points throughout the class. Along with motoring their daily physical activity, students will set their own skill development goals, identify and engage in appropriate practice strategies, and monitor their own progress toward skill competency. As in all physical education classes, safety and injury prevention will also be emphasized throughout the course.

### **HPE008 - PHYSICAL EDUCATION I (Year) - Physical - Freshman**

The aim of physical education for the 9th - 10th grade is to provide daily physical activity for each individual and to help them gain an appreciation for their physical body through active participation in sports and activities. An emphasis will be placed on physical fitness. The Freshman students will receive fitness testing throughout the year to measure their ability as well as their progress.

### **HPE009 - PHYSICAL EDUCATION II – Physical - Sophomore**

The aim of physical education is to provide daily physical activity for each individual and to help them gain an appreciation for their physical body through active participation in sports and activities. An emphasis will be placed on physical fitness.

### **HPE010 - PHYSICAL EDUCATION III (Year) - Physical - Junior**

Physical education III will be mainly devoted to teaching lifetime sports. The areas of focus will be those activities that a student may participate in beyond their high school years. The Juniors will also receive an emphasis on physical fitness and be tested twice a year.

The objective of physical education for all students is to develop physical fitness and the social characteristics of sportsmanship, responsibility, truthfulness, honesty, discipline, and cooperation.

#### **HPE011 - PHYSICAL EDUCATION IV – Physical - Senior**

Physical education IV will be mainly devoted to teaching lifetime sports. The areas of focus will be those activities that a student may participate in beyond their high school years. The students will also receive an emphasis on physical fitness and be tested twice a year.

The objective of physical education for all students is to develop physical fitness and the social characteristics of sportsmanship, responsibility, truthfulness, honesty, discipline, and cooperation.

### **SCIENCE CURRICULUM**

It is required that each student earn at least one (1) credit in a Physical Science course and one (1) credit in a Life Science course.

#### **HSCI001 - PHYSICAL SCIENCE (Year) - Science – Freshman**

This 2 semester course provides students with knowledge of Physical Science with emphasis on the basic concepts of Chemistry, Physics and Earth Science. This includes developing problem-solving skills, laboratory work, and an awareness of the current problems facing mankind including new energy sources, environmental concerns, and technological advances. Students are highly recommended to take this course during their freshmen year since many of the concepts in this course are applied to subsequent science course content.

#### **HSCI002 - PHYSICAL SCIENCE HONORS (Year) - Science - Freshman**

Prerequisite: *Honors Criteria*

This 2 semester course provides students with knowledge of Physical Science with emphasis on the basic concepts of Chemistry, Physics and Earth Science. This includes developing problem-solving skills, laboratory work, and an awareness of the current problems facing mankind including new energy sources, environmental concerns, and technological advances. Students are highly recommended to take this course during their freshmen year since many of the concepts in this course are applied to subsequent science course content. Honors students will also be required to complete the following:

- Independent project that will include one of the following:
  - Develop and research individual thesis. (Comprehensive literature review)
  - Research project that involves experimentation, a treatment, or observational study
  - Miscellaneous project such as an exhibit or collection
  - Interviews of science professionals

Optional textbook alternatives that are at a higher assessment and reading level will be provided at schools in the district that can accommodate separate classes.

#### **HSCI103 - BIOLOGY I (Year) - Science – Sophomore**

This is a two semester course in general Biology. Its purpose is to acquaint the student with the various fields in Life Science and to provide good foundation in the basic principles of Biology. A portion of the course is spent in the laboratory, while the remainder is devoted to lectures, demonstrations, and appropriate activities which encourage inquiry and critical thinking.

## **HSCI014 – MICROBIOLOGY (Semester) – Science – Junior – Senior**

Prerequisite: *Physical Science and Biology I*

Microbiology is a one or two semester course designed for the students to become familiar with microorganisms, or microbes, a diverse group of minute life forms that include bacteria, algae, fungi, protozoa, and viruses. Laboratory research and developing laboratory thinking skills is an integral part of this course.

## **HSCI025 – COMPARATIVE VERTEBRATE ANATOMY AND PHYSIOLOGY (Semester) - Science – Junior – Senior**

Prerequisite: *Physical Science and Biology I*

This one or two semester course is to inform the student of the wide variety of life forms represented by the Vertebrates. The primary focus is the evolutionary history of the vertebrates. This is uncovered by examination of the various anatomical systems and their physiology. Whenever possible, the functional role of differences in form will be discussed. In the laboratory, the emphasis is on an anatomical comparison of primitive (represented by the Dogfish Shark and lamprey) and derived (represented by the cat and human) vertebrates. Much of the laboratory time will be spent on dissection of these specimens with additional laboratory exercises added in throughout the course. By the end of the course, the student will have a solid understanding of the basic anatomy of vertebrates and fundamental knowledge of the relationships of all vertebrate groups. Emphasis will be placed on the phylogenetic relationship of vertebrates to clarify evolutionary trends in the story of the vertebrates.

## **HSCI007 – BIOTECHNOLOGY: Proteomics and Genomics (Semester) - Science – Junior – Senior**

Prerequisite: *Physical Science and Biology*

In a world of exploding science-based technology, everyone in society needs a vastly better command of scientific knowledge. Biotechnology, involving the analysis and manipulation of DNA, has brought about a revolution in the biological sciences. It is a rapidly advancing field that applies scientists' understanding of the molecular nature of biological processes to real-world biotechnology. This one or two semester course will expose students to commonly used biotechnology laboratory techniques and concepts with applications to the real world (e.g. genetically modified organisms, DNA fingerprinting for forensic evidence, population dynamics, etc.).

## **HSCI021 – PHYSICS HONORS (Year) - Science - Junior**

Prerequisite: *Honors Criteria and Physical Science, Biology, Algebra I and Algebra II (Trig or Precalculus are recommended)*

Physics is the study of matter and energy and how they are related. Included are such phenomena as the following: motion, energy, forces, heat, sound, light, magnetism, and electricity. The two semester course encourages problem-solving ability, incorporates laboratory experiences, and provides information on new scientific discoveries.

## **HSCI022 – SCIENCE SEMINAR (Year) - Science – Freshman – Senior**

This course is designed for students interested in STEM (science, technology, engineering and mathematics) topics and projects.

## **SOCIAL STUDIES CURRICULUM**

### **HSST007 - LEADERSHIP (Year) – Elective - All Grades**

Prerequisite: *Teacher Recommendation*

This course deals with the student leadership and government of the school. Course content centers on developing leadership skills and planning group and individual projects. Students enrolled are required to develop and carry out activities and are expected to set positive examples for their peers. Enrollment is limited to all student council members, class officers and organization leaders. This class may be repeated each year for credit.

### **HSST001 - WORLD HISTORY (Year) – Social Studies - Sophomore**

This course is designed to trace the political, economic, social and religious history of the world from the time of the Renaissance and enlightenment to the present. The course will be presented in a manner that shows cause and effect of historical events based upon the actions of individuals and nations. A relationship between historical events and current events will be drawn when possible. Students shall use maps, globes, and other geographic tools and technologies to locate and derive information about people, places, and environments. Additionally, students shall apply geographic knowledge of people, places, and environments to interpret the past, understand the present, and plan for the future.

### **HSST015 - WORLD HISTORY HONORS (Year) – Social Studies - Sophomore**

Prerequisite: *Honors Criteria*

This course is designed to trace the political, economic, social and religious history of the world from the time of the Renaissance and enlightenment to the present. The course will be presented in a manner that shows cause and effect of historical events based upon the actions of individuals and nations. A relationship between historical events and current events will be drawn when possible. Students shall use maps, globes, and other geographic tools and technologies to locate and derive information about people, places, and environments. Additionally, students shall apply geographic knowledge of people, places, and environments to interpret the past, understand the present, and plan for the future.

### **HSST002 – US HISTORY (Year) – Social Studies - Junior**

This course is designed to trace the political, social, economic and religious history of the United States from the arrival of the first Americans by way of the land bridge, to the present time. This course will be presented to show cause and effect of the actions of individuals and events on the creation of historical events. The relationship between historical events and current events will be drawn when possible. Special emphasis will be given to the history of the State of Nevada.

### **HSST003 – US HISTORY HONORS (Year) – Social Studies – Junior**

Prerequisite: *Honors Criteria*

This course is designed to trace the political, social, economic and religious history of the United States

from the arrival of the first Americans by way of the land bridge, to the present time. This course will be presented to show cause and effect of the actions of individuals and events on the creation of historical events. The relationship between historical events and current events will be drawn when possible. Special emphasis will be given to the history of the State of Nevada.

#### **HSST009 - INTRO TO SOCIOLOGY – (Semester) Elective – Freshman - Senior**

This course is a study of human relationships designed to present fundamental sociological concepts in the meaning of culture, culture variation, cultural change, norms, values and sanctions. The course will introduce the student to the ways sociologists investigate, describe and analyze social life. The study will also include the organization of societal groups, folkways and morays, as well as collective behavior, mobs, riots, panics, fads, social movements, public opinion and propaganda. This course will emphasize major social institutions, procedures for problem solving and individual goal setting.

#### **HSST016 - ANCIENT WORLD HISTORY – (Semester) Elective – Freshman - Senior**

This course is designed to trace the development of the world's major civilizations through ancient, classical, medieval and early-modern periods. Economic, governmental, cultural and religious aspects of various civilizations are examined in detail. A special emphasis is placed upon the development and spread of technology and how it has linked diverse groups of people.

#### **HSST004 - GOVERNMENT (Year) – Social Studies - Senior**

American Government is designed to assist students in understanding the structure and functions of the United States Government, state and local governments. The concepts of patriotism, citizenship and political parties are stressed. Students will be expected to do a reasonable amount of homework.

#### **HSST005 - GOVERNMENT HONORS – Social Studies – Senior**

Prerequisite: *Honors Criteria*

This course should impart to each student the political vision of liberty and equality that unites us as Americans and the firmly held convictions that our founding fathers had when making this country a reality. Students will understand the structure, function and "free" enterprise system of the U.S. Government, Nevada State Government, local government, citizenship and political parties. Study will include a detailed analysis of the three branches of government outlined in the Constitution and the Constitutional amendments. Content should be combined with the study of comparative government and economic systems to enable the student to objectively compare and contrast systems of Communism, Capitalism, Socialism and Democracy, furthering his - her understanding of the more contemporary political and economic systems. The course should also strive to incorporate contemporary political issues such as current events, local elections and local government structures in order to provide a basis of relevance for the student.

#### **HSST006 - AP US GOVERNMENT (Year) – Social Studies – Senior**

This course has students study the key concepts and institutions of the political system and culture of the United States. Students will read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project.

#### **HSST007 – LATINOS IN ACTION – Leadership - (Year) - Freshman - Junior**

Latinos In Action (LIA) offers an asset-based approach to bringing the graduation and opportunity gap for Latino students, working from within the educational system to create positive change. Our program operates as a year-long elective course with the goal of empowering Latino youth to lead and strengthen their communities through college and career readiness. WE accomplish this by focusing on four pillars: leveraging personal and cultural assets, excelling in education, serving the community,

and developing leadership skills. Because of this unique combination, the LIA model has proven effective throughout the United States.

### **HSST012 – AP PSYCHOLOGY – Elective – Junior - Senior**

The course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Student sare exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology.

## **TECHNICAL & INDUSTRIAL CURRICULUM**

### **HSTS021 - WELDING TECHNOLOGY I – H/O**

This course will introduce the student to the concepts and practices in welding while allowing the more ambitious student to gain occupational training experience necessary to participate in the American Welding Society Certification test. This course is intended to provide students with the basic knowledge, skills, and theory in the characteristics of metals, their structure and properties, and welding technologies. Students will gain an understanding of welding equipment, tools, safety procedures, machine operation, and industrial applications, and provide them with entry-level skills for employment.

### **HSTS022 - WELDING TECHNOLOGY II – H/O**

Prerequisite: *Welding Technology I*

This course is a continuation of Welding I. This course provides intermediate welding students the ability to augment and further the skill and knowledge levels. Areas of study will include advanced layout and fabrication methodologies, gas tungsten arc welding of aluminum, stainless steel and TIG spot welding, welding metallurgy, and electric theory. All student activities are designed to enhance students' skill levels toward achievement of American Welding Society certification and/or American Society of Mechanical Engineering welding certification. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **HSTS023 - WELDING TECHNOLOGY III – H/O**

Prerequisite: *Welding Technology II*

This course is a continuation of Welding II. This course provides advanced welding students the ability to augment and further their skill and knowledge levels. All student activities are designed to prepare the students' skill levels to achieve the American Welding Society certification and/or American Society of Mechanical Engineering welding certification. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment in this field.

### **HSTS024 - WELDING TECHNOLOGY ADVANCED SKILLS – H/O**

Prerequisite: *Welding Technology III*

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job



shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

## **WOODWORKING CURRICULUM**

### **HSTS009 - FURNITURE & CABINET MAKING I (Year) - H/O**

This course will introduce the beginning furniture and cabinetmaking student to the various stages of construction and assembly of wood products and related materials. This course is intended to provide students with the basic knowledge and skills necessary to design, construct, and finish furniture and/or cabinets in the woodworking industry. Through the course activities the student will gain an understanding of safety procedures, machine operation, and industrial applications.

### **HSTS010 - FURNITURE & CABINET MAKING II (Year) - H/O**

Prerequisite: *Furniture and Cabinet Making I*

This course is a continuation of Furniture and Cabinetmaking I. This course provides intermediate furniture and cabinetmaking student with the necessary knowledge and skills to pursue employment in related industries. This course will increase knowledge gained in Furniture and Cabinetmaking I. Laboratory activities will include advanced processes using tools and equipment currently being used by the industry, including the software and hardware components of computer numerical-controlled (CNC) equipment. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **HSTS011 - FURNITURE & CABINET MAKING III (Year) - H/O**

Prerequisite: *Furniture and Cabinet Making II*

This course is a continuation of Furniture and Cabinetmaking II. This course provides advanced furniture and cabinetmaking students with knowledge and skills in finish carpentry and cabinetmaking for construction applications. Through hands-on projects, students develop technical skills that are used throughout the construction industry. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment in this field.

### **HSTS012 - FURNITURE & CABINET MAKING ADVANCED STUDIES (Year) - H/O**

Prerequisite: *Furniture and Cabinet Making III*

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.