



Holbrook High School Roadrunners

Course Description Handbook 2012 - 2013

Helping students
Help themselves
Succeed



HOLBROOK HIGH SCHOOL COURSE DESCRIPTIONS

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NON-DISCRIMINATION STATEMENT

Holbrook High School, Holbrook Unified School District #3, and the Holbrook Unified School District #3 Governing Board are committed to a policy of nondiscrimination in relation to race, color, religion, sex, age, national origin, and/or disability. This policy will prevail in all matters concerning students, staff members, the public, educational programs and services, extra curricular activities, and individuals with whom the school, district, or board does business. The lack of English language skills will not be a barrier to admission and participation in the educational and extra-curricular programs at Holbrook High School. The Principal, Mr. Lance Phaturos, is the Title IX and Section 504 Coordinator for Holbrook High School. For information, call Mr. Phaturos at 928-524-2815. The high school physical address is 455 N. 8th Avenue. The high school mailing address is P.O. Box 640, Holbrook, AZ 86025.

SEQUENCE OF COURSES

Class of 2013 and above

at Holbrook High School (4 math & 3 science required) 22 credits required

	<u>State and HUSD#3 Requirements</u>	<u>Suggested Sequence for University Requirements</u>
Freshman:	1.0 English 9 1.0 Math (Prealgebra/Algebra) 1.0 General Biology .5 Health .5 P.E. 2.0 Electives	1.0 English 9 1.0 Algebra 1.0 General Biology .5 Health .5 P.E. 1.0 Fine Arts <u>1.0 Electives</u>
Total	6.0	6.0
Sophomore:	1.0 English 10 1.0 Math (Algebra/Geometry) 1.0 World History 1.0 Science 1.0 CTE <u>1.0 Electives</u>	1.0 English 10 1.0 Geometry 1.0 World History 1.0 Chemistry, Physics or Earth 2.0 Electives
Total	6.0 12.0	6.0 12.0
Junior:	1.0 English 11 1.0 Am/Az History 1.0 Math 1.0 Science 1.0 CTE <u>1.0 Elective</u>	1.0 English 11 1.0 Am/Az History 1.0 Advanced Algebra 1.0 Chemistry, Physics or Earth 1.0 Second Language <u>1.0 Electives</u>
Total	6.0 18.0	6.0 18.0
Senior:	1.0 English 12 .5 Economics .5 Am/Az Government/Civics 1.0 Math 2.0 CTE 1.0 Electives	1.0 English 12 .5 Economics .5 Am/Az Government/Civics 1.0 Trig/Precalculus 1.0 Second Language <u>2.0 Science +2 Electives</u>
Total	6.0 24.0	6.0 24.0
State of Arizona Requirements:	4.0 English 4.0 Math 3.0 Science 3.0 Social Science 1.0 Vocational/Fine Arts	State University Requirements: 4.0 English 4.0 Math (w/algebra lowest) 3.0 Lab Science (3 areas) 2.0 Social Science 1.0 Fine Arts <u>2.0 Second Language</u>
Total	15.0	16.0
Additional HUSD#3 Requirements	1.0 PE and Health <u>6.0 Electives</u>	Other university preparation: Extensive computer skills If engineer major, 3 years of CAD
Total	22.0 for Graduation from HHS	

**SEQUENCE OF COURSES
at Holbrook High School**

Class of 2014
22 credits required

	<u>State and HUSD#3 Requirements</u>	<u>Suggested Sequence for University Requirements</u>
Freshman:	1.0 English 9 1.0 Math (Prealgebra/Algebra) 1.0 General Biology .5 Health .5 P.E. 2.0 Electives	1.0 English 9 1.0 Algebra 1.0 General Biology .5 Health .5 P.E. 1.0 Fine Arts <u>1.0 Electives</u>
Total	6.0	6.0
Sophomore:	1.0 English 10 1.0 Math (Algebra/Geometry) 1.0 World History 1.0 Science 1.0 CTE <u>1.0 Electives</u>	1.0 English 10 1.0 Geometry 1.0 World History 1.0 Chemistry, Physics or Earth 2.0 Electives
Total	6.0 12.0	6.0 12.0
Junior:	1.0 English 11 1.0 Am/Az History 1.0 Math 1.0 Science 1.0 CTE <u>1.0 Elective</u>	1.0 English 11 1.0 Am/Az History 1.0 Advanced Algebra 1.0 Chemistry, Physics or Earth 1.0 Second Language <u>1.0 Electives</u>
Total	6.0 18.0	6.0 18.0
Senior:	1.0 English 12 .5 Economics .5 Am/Az Government/Civics 1.0 Math 2.0 CTE 1.0 Electives	1.0 English 12 .5 Economics .5 Am/Az Government/Civics 1.0 Trig/Precalculus 1.0 Second Language <u>2.0 Science +2 Electives</u>
Total	6.0 24.0	6.0 24.0
	State of Arizona Requirements: 4.0 English 4.0 Math 3.0 Science 3.0 Social Science 1.0 Vocational/Fine Arts	State University Requirements: 4.0 English 4.0 Math (w/algebra lowest) 3.0 Lab Science (3 areas) 2.0 Social Science 1.0 Fine Arts <u>2.0 Second Language</u>
	Total 15.0	16.0
	Additional HUSD#3 Requirements 1.0 PE and Health <u>6.0 Electives</u>	Other university preparation: Extensive computer skills If engineer major, 3 years of CAD
Total	22.0 for Graduation from HHS	

LANGUAGE ARTS DEPARTMENT

(Must successfully complete eight semesters—FOUR CREDITS—to graduate)
(Four credits must include English 9, 10, 11, and 12)

READING / WRITING SUPPORT

Elective / Grade Level: 9, 10, 11

Prerequisites: Counselor or Instructor

One Credit / Two Semesters

Recommendation and/or test scores

The Reading/Writing Support class is designed for the student who requires additional support with reading and writing skills. It is designated to help students improve their overall reading and writing skills through the application of reading strategies and written assignments to improve vocabulary and comprehension while exploring a wide variety of genres such as fiction, nonfiction, poetry, plays and textbooks. **(Reading/Writing support does NOT fulfill graduation requirements for English.)**

ENGLISH LANGUAGE SUPPORT

Elective / Grade Level 9, 10, 11, 12

Prerequisites: Counselor or Instructor

One Credit / Two Semesters

Recommendation and/or test scores

English Language Support is a 9th and 10th grade remedial support for students at-risk of not passing AIMS Reading. 9th grade Galileo-AIMS correlation assessments and teacher referrals are utilized to identify at-risk students. At-risk freshmen will be placed in a ELS class during the 2nd semester of the freshmen year and 1st semester of the sophomore year. All newly designated 9th and 10th grade ELL students who opt out of the 4-period IILP model will be placed in the ELS program as well. **(English Language Support does NOT fulfill graduation requirements for English.)**

AIMS WRITING PREPARATION

Elective / Grade Level: 11, 12

Prerequisites: Score of Far Below or Approaches in AIMS Writing

½ Credit / One semester

and Counselor or Instructor recommendation

AIMS Writing Preparation is designed for juniors and seniors who have not passed the AIMS Writing Test. It will give the student an opportunity to improve writing skills with extensive practice of the six writing traits: ideas and content, organization, word choice, voice, sentence fluency, and conventions. **(AIMS Writing Prep does NOT fulfill graduation requirements for English.)**

AIMS READING PREPARATION

Elective / Grade Level: 11, 12

Prerequisites: Score of Far Below or Approaches in AIMS Reading

½ Credit / One semester

and Counselor or Instructor recommendation

AIMS Reading Preparation is a course for juniors and seniors who have not passed the AIMS reading test. It is designed to help students improve their overall reading skills while preparing for the AIMS reading test. Students will receive intense practice in the reading process, literary elements, informational text and test taking strategies. **AIMS Reading Prep does NOT fulfill graduation requirements for English.)**

ENGLISH 9

Required / Grade Level: 9

Prerequisites: None

One Credit / Two Semesters

English 9 is designed for students reading at or close to grade level. It will focus on literature appreciation, grammar/vocabulary development, independent reading, a variety of essays and public speaking skills. These areas will be interwoven with the requirements from Arizona's Reading and Writing Proficiency Standards for high school. In addition, regular English 9 will incorporate skills necessary to improve performance on the Arizona state mandated standardized test given at the 9th grade level.

PRE-ADVANCED PLACEMENT ENGLISH 9 / Weighted Course

Required (Optional) / Grade Level: 9

Prerequisites: Interest

One Credit / Two Semesters

and Instructor recommendation

Pre-Advanced Placement English 9 is an opportunity for incoming freshmen with strong English skills to participate in a nationally recognized program. The Advanced Placement course offering is designed to prepare the student for the Advanced Placement courses in the junior and senior year of English. This is a rigorous course that will focus on all aspects of the English experience. Emphasis will be placed on reading (non-fiction, drama, poetry, short stories, and novels), writing (essays, fiction, poetry, and short dialogues), speaking and listening. There are no requirements to be in this class other than a desire by the student to pursue a rigorous Language Arts curriculum.

ENGLISH 10

Required / Grade Level: 10

Prerequisites: Cannot be taken prior to English 9

One Credit / Two Semesters

English 10 challenges the student at the tenth grade level building from the foundation of the ninth grade course. The course prepares the sophomore student in all aspects of communications: writing, reading, speaking, and listening. The course includes units in literature (essays, short stories, poetry, novels, and drama), non-fiction and fiction writing (and appropriate revisions), speech, and grammar.

PRE-ADVANCED PLACEMENT ENGLISH 10 / Weighted Course

Required (Optional) / Grade Level: 10

Prerequisites: Interest

One Credit / Two Semesters

and Instructor recommendation

Pre-Advanced Placement English 10 is an opportunity for sophomores with strong English skills to participate in a nationally recognized program. This course is a continuation of the Pre-AP English 9 course with a more in-depth and rigorous study of the same genre included in the 9th grade course. The Advanced Placement course offering is designed to prepare the student for the Advanced Placement courses in the junior and senior year of English. There are no requirements to be in this class other than a desire by the student to pursue a rigorous Language Arts curriculum.

ENGLISH 11

Required / Grade Level: 11

Prerequisites: Cannot be taken prior to English 9 and 10

One Credit / Two Semesters

Junior English focuses on the study of American literature including poetry, short stories, the novel and the essay. Literacy terms appropriate for each genre will also be taught. Vocabulary skills will be included and incorporated into the program. Composition skills will include writing a short story, poems, and numerous essays and short papers. The student will also write book critiques. Proper grammar usage will be taught along with the composition skills, and each student will complete peer evaluations on most written work before it is submitted to the teacher. Junior English will also include basic speaking skills and the student will be given the opportunity to speak on several occasions.

ADVANCED PLACEMENT ENGLISH 11 (Language and Composition) / Weighted Course

Required (Optional) / Grade Level: 11

Prerequisites: Interest

One Credit / Two Semesters

and Instructor recommendation

The Advanced Placement course in English Language and Composition engages the student in becoming skilled readers of non-fiction prose written in a variety of periods, disciplines, and rhetorical context, and in becoming skilled writers who compose for a variety of purposes. The student will write in several forms—narrative, exploratory, expository, and argumentative—on many subjects. The purpose of this course is to enable the student to write effectively and confidently in his/her college courses across the curriculum and in his/her personal and professional life. Upon completing the national test, the student may receive college credit for the course if he/she scores a three, four, or five on the exam. There are no requirements to be in this class other than a desire by the student to pursue a rigorous language arts curriculum.

ENGLISH 12

Required / Grade Level: 12

Prerequisites: Cannot be taken prior to English 9, 10, and 11

One Credit / Two Semesters

Senior English focuses on a chronological study of British literature beginning with the Anglo-Saxons and concluding with literature of the Twentieth Century. In addition to the reading of literature, students will engage in a variety of writing activities including critical analyses, journals, persuasive essays, and an extensive research project/paper. Grammar instruction along with a focus on vocabulary will also be an integral part of the class. Speaking and listening skills, as well as small group work will also be required by members of this course. Students will engage in the study of several novels, both from the classical canon and from contemporary literature selections. Students will strive to build their college readiness skills in addition to becoming competent in both reading and writing.

ADVANCED PLACEMENT ENGLISH 12 (Literature and Composition) / Weighted Course

Required (Optional) / Grade Level: 12

Prerequisites: Interest

One Credit / Two Semesters

and Instructor recommendation

The student in the Advanced Placement English 12/English 101/102 course will become acquainted with a wide variety of prose styles from many disciplines and historical periods and gain an understanding of the connections between writing and interpretive skills in reading. The student will study the elements of rhetoric and will learn how to manipulate rhetorical devices to communicate effectively. The student will write in both informal and formal contexts to gain authority and to take risks in writing. The student will also participate in the informed use of research materials and will develop the ability to synthesize varied sources. The student has two options for receiving college credit for the course: (1) Upon completion of a national test, the student may receive college credit for the course if he/she scores a four or five on the exam; (2) the student may register with Northland Pioneer College, take and pass an entrance level exam, and complete the course with a grade of "C" or better. There are no requirements for this course other than the student's desire for a rigorous and challenging curriculum.

CREATIVE WRITING

(Not currently offered)

Elective / Grade Level: 10, 11, 12

Prerequisites: Interest in creative writing

½ Credit / One semester

Creative Writing is for the student who wants to learn how to harness the forces of the creative language to produce original poems, personal experience narratives, articles, short stories, and plays. The student will have practice in writing, revising, and presenting his/her own work. The class may be repeated with approval of the instructor. **(Creative Writing does NOT fulfill graduation requirements for English.)**

A Contemporary Look at Ethnic Literature

(Not currently offered)

Elective / Grade Level: 11, 12

Prerequisites: Instructor recommendation

½ Credit/One semester

This semester class provides an introduction to the genre of contemporary literature written by minority authors. The student will begin study by focusing on images of minority cultures as expressed in history, art, and literature of the past and present. The student will read various books by a variety of authors and explore the historical and cultural context of each. Book selections may include *The Women are Singing* by Luci Tapahonso; *The Absolutely True Diary of a Part Time Indian* by Sherman Alexie; *The Kite Runner* by Khaled Hosseini; and other books of interest. The student will also read works from various poets including Joy Harjo, Rita Dove, and Langston Hughes and others. The student will develop his/her own voice as writer throughout the course with journals, poetry, and narrative writing. Students should be aware that this class will include college level reading that is often mature in content. **(Ethnic Literature does NOT fulfill graduation requirements for English.)**

YEARBOOK PRODUCTION

Elective / Grade Level: 9, 10, 11, 12

Prerequisites: Application process and Instructor approval

One Credit / Two Semesters

Each yearbook staff member must apply for a staff position and furnish references of character before being accepted into the class. The prospective student must be able to work with others and accept a variety of assignments. The student must be able to plan work according to deadlines and work under stress. All staff will learn to develop a theme and yearbook ladder, design a layout on computer, sell ads, write and edit, copy, and crop photos. The student will also learn to skillfully use, maintain and care for a 35mm camera and accompanying lenses. Photography staff will take quality pictures, as well as develop and print film and learn other pertinent darkroom procedures. Extra work outside of class may also be required from all staff. Grades will be determined by the quality of work and the ability to meet deadlines. **(Yearbook Production does NOT fulfill graduation requirements for English.)**

NEWSPAPER PRODUCTION

Elective / Grade Level: 9, 10, 11, 12

Prerequisites: Application process and Instructor approval

One Credit / Two Semesters

The newspaper production class produces the school newspaper "The Sagebrush". Each student in this class will learn a variety of techniques for writing and editing articles. A student will serve in the role of "local" editors for the feature, sports, arts and entertainment, and editorial sections. The student will be responsible for computer layout of the paper, as well as assembling and disseminating the paper to the student body. The student may also be required to participate in a video news show, which would include anchoring, working the camera, editing, and other aspects of production. Students who wish to be in the newspaper class need to have very strong writing skills. **(Newspaper Production does NOT fulfill graduation requirements for English.)**

DRAMA

Elective / Grade level: 9, 10, 11, 12

Prerequisite: Interest in theatrical arts (via short application)

1 Credit / Two semesters (may be repeated)

and Instructor Approval

The drama class will investigate the various aspects of theater including acting, makeup, sound, lighting, production, scenery design, and playwriting. Students will be required to participate in a number of dramatic exercises including improv skits, several group activities, multiple speeches, and script writing. In addition, drama class members will be expected to be a part of the HHS Drama Club, which includes attending meetings, as well as participating in various fundraisers and other activities throughout the year. The drama class produces two to four shows throughout the school year and each show requires hard work and a lot of practice, including after-school rehearsals. Auditions will be held for each show, and the top performers will receive the main parts. However, every class member will be expected to contribute in some way. Anyone that is interested in theater is welcome to register for this course. The drama class will investigate the various aspects of theater including acting, makeup, sound, lighting, production, and scenery design. Students will be required to participate in a number of dramatic exercises including acting. Acceptance into this class is dependent on the teacher approval based on a student-submitted application.

MATH DEPARTMENT

(Class of 2012 must successfully complete six semesters—THREE credits)*
 (Class of 2013 and above must successfully complete eight semesters—FOUR credits)*
 (Universities require 4 years of math--algebra and higher)

PREALGEBRA

(*2, 3 or 4 [see above credits of math to graduate) / Grades 9, 10, 11, 12

Prerequisites: None

One Credit / Two Semesters

Pre-algebra is designed to prepare a student for Algebra. Topics covered include: patterns, properties, integers, equations, data, graphs, number theory, rational numbers, percents, proportion, real numbers, inequalities, geometry, congruence, similarity, transformations, measurements, linear equations, polynomials, formulas.

PREALGEBRA LAB

Grades 9, 10, 11, 12

Prerequisites: None

½ Credit / One Semester

The Prealgebra Lab is a second semester course only for the selected student who fails the 1st semester of Prealgebra and is concurrently enrolled in the 2nd semester of Prealgebra. The course will review and re-teach many of the 1st semester Prealgebra topics that the student failed to comprehend. It will also support 2nd semester topics that the student will be engaged in. In so doing, the student will be given the opportunity to receive 1st semester credit by taking the 1st semester Prealgebra final exam upon the completion of the course. The student will also be given the necessary support to help them successfully fulfill the math standards related to the 2nd semester of Prealgebra.

ALGEBRA

(*2, 3 or 4 credits of math to graduate) / Grades 9, 10, 11, 12

Prerequisites: Acceptable Test Scores

One Credit / Two Semesters

or Instructor approval

Algebra is a prerequisite for all advanced courses in mathematics. Topics included are patterns, operations, equations, proportional reasoning, statistics, linear functions, inequalities, absolute values, systems of equations, exponents, polynomials, factoring, functions, rational functions, radicals, and various formulas. This course is considered the standard mathematics course for most high school students.

BASIC GEOMETRY

(*2, 3, or 4 credits of math to graduate) / Grades 10, 11, 12 Prerequisites: Passed Pre-algebra and Algebra

One Credit / Two Semesters

Basic Geometry includes Geometry topics required by state standards and is specifically targeted to the student who has completed algebra but still needs to pass AIMS Math. Extensive review and application of previous skills is incorporated into the class. Basic Geometry is not as rigorous as the typical Geometry class and will not prepare students for upper level math classes. **Basic Geometry does fulfill graduation requirements for math. However, it does NOT meet the requirement for four (4) math credits for university admission. Therefore, a student who intends to continue into Advanced Algebra should enroll in regular Geometry instead.**

GEOMETRY

(*2, 3 or 4 credits of math to graduate) / Grades 10, 11, 12

Prerequisites: "C" in Algebra

One Credit / Two Semesters

or Instructor approval

Geometry focuses on the definitions, symbols and ideas common to the geometric language. It gives practice and reinforcement of algebra skills. The principles and practices of logical thinking and proof are introduced. The course includes the study of lines, angles, triangles, parallelograms, regular polygons, and circles. Practical applications of geometry are interspersed throughout the course. This course serves as a basis for further mathematics and will aide in success on the AIMS test.

TOPICS in ADVANCED MATH

(*2, 3 or 4 credits of math to graduate) / Grades 10, 11, 12

Prerequisite: Successful completion
of Basic Geometry or Geometry

One Credit / Two Semesters

Topics in Advanced Math will target the student wishing to continue math education but is not intending to take either Trig/Precalculus or Calculus. It is possible for a student who has successfully completed Topics in Advanced Math to proceed to Advanced Algebra. This course has many similarities to Advanced Algebra and will use the same textbook. However, emphasis will be on mastering fewer concepts taught in Advanced Algebra rather than introducing the entire range of concepts included in the book. A heavier reliance on technology (e.g., use of graphing calculators) will be included. There will also be a slant toward practical applications where possible. **This course does NOT meet the requirement for four (4) math credits for university admission. Therefore, a student who intends to continue into the university program should take Trigonometry/Precalculus.**

ADVANCED ALGEBRA

(*2, 3 or 4 credits of math to graduate) / Grades 10, 11, 12

Prerequisites: "C" in Algebra
or Instructor approval

One Credit / Two Semesters

Advanced Algebra is a study of algebraic structure. The main objective of this course is to acquire facility in applying algebraic concepts and skills. Some of the topics covered are sets, fractions, exponents, radical, (quadratic equations,) logarithms, and fractions, quadratic equation and fractions. This course is typically taken after Geometry, but only Algebra is a prerequisite.

TRIGONOMETRY / PRE-CALCULUS / Weighted Course

(*2, 3 or 4 credits of math to graduate) / Grades 11, 12

Prerequisites: Algebra, Geometry,
and Advanced Algebra

One Credit / Two Semesters

Trig/Pre-calculus presents all the important pre-calculus required to lay the foundation for further study at the college level. It builds on the topics previously in algebra and geometry course and leads naturally into the calculus. A complete treatment of trigonometry and its applications is also included as well as independent units on probability, polar coordinates, vectors and series. A student may receive concurrent credit through NPC.

CALCULUS / Weighted Course

(*2, 3 or 4 credits of math to graduate) / Grades 11, 12

Prerequisites: Trig/Pre-Calculus
or Instructor approval

One Credit / Two Semesters

Calculus consists of year's work in calculus and relates topics comparable to courses in college and universities. The properties of elementary functions are developed in detail along with the general techniques of the differential and integral calculus. A student may receive concurrent credit through NPC.

ADVANCED MATH LAB

Elective / Grades 9, 10, 11, 12 Prerequisites: Concurrent enrollment in Geometry, Advanced Algebra,
Trigonometry and Calculus

One Credit / Two Semesters or Trig/Pre-Calculus and Instructor approval

The purpose of Math Lab is to give a student individual instruction in his/her present math class. **(Advanced Math Lab does NOT fulfill graduation requirements for math.)**

SCIENCE DEPARTMENT

**(Students must successfully complete six semesters—THREE credits.)
(One credit must be in General Biology unless otherwise directed by an IEP)
(Universities require 3 courses of lab science)**

TRANSITIONAL BIOLOGY

Required alternative / Grade Level: 9,10,11,12 Prerequisites: Directed by student IEP

One credit / Two Semesters FFB AIMS Score or Reading specialist Recommendation

Transitional Biology is not a lab science. It is designed for the student who has great difficulty in reading. The major areas of study will be plant and animal life as well as studying the organs and systems of the human body.

GENERAL BIOLOGY (Lab Science)

Required / Grade Level: 9,10,11,12 Prerequisites: Concurrent enrollment in Algebra or higher math

One credit / Two Semesters

General Biology is designed to prepare the student for the AIMS Science test. The student will be involved with note taking, drawing and labeling, report writing, collecting various specimens, and may include performing dissections. The focus of topics will concentrate on Arizona Science Standards 1-4. Some topics are: use of scientific method, life maintenance and interdependence in organisms, heredity, the cell, and biological evolution. The student will demonstrate safety compliance in the laboratory.

ADVANCED BIOLOGY / BOTANY (Lab Science)

Elective / Grade level 11, 12 Prerequisites: Completion of Physical Science, General Chemistry or

One Credit / Two Semesters Physics 1 and concurrent enrollment in Topics in Algebra 2 or higher math

Advanced Biology/Botany is presented at a level to prepare for a first year college course. The student should be highly motivated, self-disciplined and have a keen interest in the biological world. The class consists of lectures, presentation of specimens, slide presentation, videos, and lab investigations along with various presentations by the student. The primary objective is to give the student experiences which will lead to an appreciation and understanding of the basic chemical processes which maintain life in organisms, interdependence of living organisms, heredity, principles of ecology, biology of plants and how the biosphere is affected.

ADVANCED BIOLOGY / ZOOLOGY (Lab Science)

Elective / Grade level 11, 12 Prerequisites: Completion of Physical Science, General Chemistry or

One Credit / Two Semesters Physics 1 and concurrent enrollment in Topics in Algebra 2 or higher math

Advance Biology/Zoology is presented at a level to prepare for a first year college course. The student should be highly motivated, self-disciplined and have a keen interest in the biological world. The class consists of lectures, presentation of specimens, slide presentation, videos, and lab investigations along with various presentations by the student. **DISSECTION WILL BE REQUIRED IN THIS CLASS:** earthworm, grasshopper, shark, beef or sheep eyes, kidneys, and hearts. The primary objective is to give the student experiences which will lead to an appreciation and understanding of the basic chemical processes which maintain life in organisms, interdependence of living organisms, heredity, principles of ecology, biology of animals and how the biosphere is affected.

ANATOMY AND PHYSIOLOGY (Lab Science)

Elective / Grade level: 11, 12 Prerequisites: "B" or better in General Biology, completion of Physics 1

One credit / Two Semesters or General Chemistry and concurrent enrollment in Algebra 2 or higher math

Anatomy and physiology is presented near a first year college level. The student must be highly motivated, self-disciplined and truly be interested in pursuing a college major in the biological sciences. The class consists of lecture, note taking, laboratory investigations, teacher and student presentations, laboratory report writing, and the dissection of various organisms. **REQUIRED DISSECTION MAY CONSIST OF THE FOLLOWING:** beef or sheep eyes, brain, and hearts, fetal pigs and cat. Topics of study will be biological review, chemistry and biochemistry, cells, animal form and function, introduction to anatomy and physiology, organization of the body, special senses, and the following body systems: integument, skeletal, muscular, lymphatic, respiratory, cardiovascular, nervous, human development and heredity.

TRANSITIONAL PHYSICAL SCIENCE

Elective / Grade Level: 10, 11, 12 Prerequisites: Directed by student IEP and completion of
One credit / Two Semesters Transitional Biology or General Biology

Transitional Physical Science is not a lab science. It is designed for the student who has great difficulty in reading and math. The major areas of study will be the investigation of matter, its physical and chemical change, atoms, reactions, topics relating to the motion of objects, energy, machines.

PHYSICAL SCIENCE

Elective / Grade Level: 10, 11, 12 *Prerequisites: Completion of General Biology and concurrent
One credit / Two Semesters enrollment in Basic Geometry

Physical Science is not a lab science. It will be taught in two parts—physics and chemistry. The physics portion will study forces, motion, velocity, acceleration, and other topics relating to the motion of objects. The chemistry portion will study states of matter, atoms reactions, bonding, solutions and other topics relating to the structure and behavior of matter. *Prerequisites can be waived if the student is a mid-year transfer to HHS at the discretion of the counselor.

TRANSITIONAL EARTH SCIENCE

Elective / Grade Level: 11, 12 Prerequisites: Directed by student IEP and completion of Transitional
One credit / Two Semesters or General Biology and Transitional Physical Science

Transitional Earth Science is not a lab science. It is designed for the student who has great difficulty in reading and math. The major areas of study will be astronomy and the structure of the earth including the atmosphere, surface and subsurface features and geologic time.

EARTH SCIENCE (Lab Science)

Elective / Grade level 11, 12 Prerequisites: Completion of Physical Science, General Chemistry or
One Credit / Two Semesters Physics 1 and concurrent enrollment in Topics in Algebra 2 or higher
math

Earth science includes but is not limited to a study of astronomy, composition and structure of the earth, surface and subsurface activity of the earth and geologic time. Emphasis is placed on application of fundamental principles and the problem solving process in working through experiments and problems. Due to the proximity of the Petrified Forest/Painted Desert National Park, the class may also have instruction from PF/PD National Park personnel about unique features of this historic geographical area.

GENERAL CHEMISTRY (Lab Science)

Elective / Grade level: 10, 11, 12 Prerequisites: Completion of General Biology and concurrent
One Credit / Two Semesters enrollment in Geometry or higher math

General Chemistry is a lecture/laboratory course designed to prepare the student for major science courses in technical schools, colleges and universities. Emphasis is placed on application of fundamental principles and the problem solving process in working through experiments and problems. Topics include: atomic and molecular structure, bonding, periodic table, gas laws and phases of matter, chemical reactions, solutions and math application to chemical calculations.

ADVANCED CHEMISTRY (Lab Science)

Elective / Grade level: 11, 12 Prerequisites: "C" or better in General Chemistry and
One credit / Two Semesters concurrent enrollment in Algebra 2 or higher math

Advanced Chemistry is a continuation of General Chemistry. It is designed for students intending to pursue science careers after high school. Topics include intermolecular forces, solutions, chemical kinetics, reaction rates, equilibrium, acids/bases, oxidation/reduction and electrochemistry. A study of qualitative analysis may be included if time permits.

PHYSICS I (Lab Science)

Elective / Grade level: 10, 11, 12 Prerequisites: Completion of General Biology and concurrent
One Credit / Two Semesters enrollment or completion of Trig/Pre-calculus

Physics I is a lecture/laboratory course designed to prepare the student for major science courses in technical schools, colleges and universities. Emphasis is placed on application of fundamental principles and the problem solving process in working through experiments and problems. Topics include: motion, force, work, energy, momentum, and thermodynamics.

PHYSICS II (Lab Science)

Elective / Grade Level: 11, 12

Prerequisites: "B" or better in Physics I or instructor approval

One Credit / Two Semesters

Physics II is a continuation of Physics I. It is designed for students intending to pursue science careers after high school. Topics include: states of matter, vibrations and wave, electromagnetism, and subatomic physics. A study of modern physics may be included if time permits.

Section 4

SOCIAL STUDIES DEPARTMENT

(Must successfully complete THREE REQUIRED credits for graduation)

WORLD HISTORY / GEOGRAPHY

Required / Grade Level: 10, 11, 12

Prerequisites: None

One Credit / Two Semesters

World History/Geography is an analysis of the human experience through time and space, recognition of the relationship of events and people, and an interpretation of significant patterns, themes, ideas, beliefs, and turning points in world history. The student will apply the lessons of world history to his/her life as a citizen of the United States and member of the world community. The geography portion provides the student with an understanding of the human and physical characteristics of the earth's places and regions and how people of different cultural backgrounds interact with their environment. Geographic reasoning is a way of studying human and natural features within a spatial perspective. Through the study of geography, the student will be able to understand local, national, regional, and global issues. The student will interpret the arrangement and interactions of human and physical systems on the surface of the earth. As these patterns change over time and are important to governments and economies, geographic reasoning will enhance the student's understanding of history, civics, and economics.

ADVANCED PLACEMENT WORLD HISTORY / GEOGRAPHY

Also listed as HONORS WORLD HISTORY/GEOGRAPHY (Weighted course)

Required / Grade Level: 10

Prerequisites: None

One Credit / Two Semesters

AP World History/Geography is designed to challenge students and prepare them for the more rigorous course work of college. The students will be given the opportunity to develop time management and analytical skills that are essential for post-high school work. To many Americans, the world and all of its concerns are confusing and incomprehensible. After AP World History, students will have garnered a greater understanding of world issues. Some examples of learning strands include the Ancient Mayans of South America, the Batu tribes of Africa, and the 'People of the Han' in China. This class is a great opportunity to broaden your view of the world. The students in AP World History/Geography are expected to be willing to read outside of class, discuss during class and participate constantly. While the course may appear to be more work, most students will find the atmosphere engaging and even entertaining.

NAVAJO HISTORY and GOVERNMENT

Elective / Grade Level: 11, 12

Currently offered every other year

Prerequisites: C or better in any History Class

½ Credit / One Semester

Native American history will be examined beginning with theories about prehistoric migration followed by contact with Europeans and ending with current events. An emphasis of the federal Indian laws and Navajo government will be examined. The organization of the Navajo government—executive, legislative, judicial—will be studied along with tribal sovereignty related to county, state, and federal governments. The Navajo chapter, district, and agency levels will be examined along with discussions on the responsibilities of the Navajo tribal members. This is a required course if a Navajo student intends to pursue the Chief Manuelito Scholarship and having a GPA of 2.8 - 3.0.

AMERICAN / ARIZONA HISTORY

Required / Grade Level: 11, 12

Prerequisites: None

One Credit / Two Semesters

Am/Az History is an analysis of our national experience through time, recognition of the relationship of events and people, and an interpretation of significant patterns, themes, ideas, beliefs, and turning points in Arizona and American history. The student will apply the lesson of American History to their lives as citizens of the United States.

ADVANCED PLACEMENT UNITED STATES / ARIZONA HISTORY (Weighted course)

Required (if not enrolled in Am/Az History) / Grade Level: 11, 12

Prerequisites: None

One Credit / Two Semesters

The AP program in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in U. S. history and Arizona history. The program prepares the student for intermediate and advanced college courses by making demands upon him/her equivalent to those made by full-year introductory college courses. The student will assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance—and to weigh the evidence and interpretations presented in historical scholarship. The AP U. S. History course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present evidence clearly and persuasively in an essay format.

ECONOMICS

Required / Grade Level: 12

Prerequisites: None

½ Credit / One Semester

Economics is an opportunity for students to develop skills for making reasoned judgments about both personal economic principles to decisions they will make as consumers, members of the workforce, citizens, voters, and participants in a global marketplace. This will prepare the student to weigh both short-term and long-term effects of decisions as well as possible unintended consequences. The study of economics explains historical developments and patterns, the result of trade, and the distribution of income and wealth in local, regional, national, and world economics. The student will be able to analyze current issues and public policies and to explain the complex relationships among economic, political, and cultural systems.

AMERICAN /ARIZONA GOVERNMENT and CIVICS

Required / Grade: 12

Prerequisites: None

½ Credit / One Semester

Civics/Government provides an opportunity for the student to develop the requisite knowledge and skills for informed, responsible participation in public life; to ensure, through instruction, that the student understands the essentials, source, and history of the constitutions of the United States and Arizona as well as American institutions and ideals. The student will clarify the importance of each person as an individual with human civil rights and our shared heritage in the United States. The student will explain politics, government, and the responsibilities of good citizenship. Citizenship skills include the capacity to influence policies and decisions by clearly communication interests and the ability to build coalitions through negotiation, compromise, and consensus. In addition, the student will define that the United States influences and is influenced by global interaction.

FINE ARTS DEPARTMENT

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

(Universities require one credit of Fine Arts)

VISUAL ARTS

BEGINNING ART

Elective / Grade Level: 9, 10, 11, 12

Prerequisite: None

One Credit / Two Semesters

In Beginning Art the student is introduced to the various forms of applied art. The student is encouraged to pursue further art experiences by helping build self-confidence in his/her abilities through the completion of a variety of learning activities and individual projects. Reading and writing assignments will be used to promote critical thinking. Weekly drawings outside of class will be a required part of the students' grade. Introduction to the various art forms takes place at the most basic level in this introductory level course. In all learning activities in this course, the student will be taught basic safety practices and procedures in the use of equipment associated with the creation process. **Semesters are to be taken sequentially as the second semester builds upon knowledge and skills from the first semester.**

ART HISTORY

Elective / Grade Level: 9, 10, 11, 12

Prerequisite: None

½ Credit / One semester

Art History will incorporate text (Art in Focus), slides and production specific to the period covered (i.e.: Greek, Renaissance, Native American, Impressionism, etc.) Therefore, each class may be different. This class may also be used for the student who may not be comfortable with art production and seek the Fine Arts university requirement.

PAINTING

Elective / Grade Level: 10, 11, 12

Prerequisite: "C" or better in Beginning Art
and Instructor approval

½ Credit / One semester

Watercolor, acrylic and other painting media may be used. The student will be allowed to explore the different paint media through various class projects and individual creations. Painting classes may be rotated; therefore, one may not offered every semester or every year. The teacher may also rotate mediums to give the student different painting styles and perspectives.

CERAMICS

Elective / Grade Level: 10, 11, 12

Prerequisite: "C" or better in Beginning Art
and Instructor approval

½ Credit / One semester

Ceramics is designed for the serious advanced student who wants to further his/her skills and knowledge in ceramics. The emphasis will be on hand – building pottery and sculpture, projects will vary from semester to semester.

AP STUDIO ART / Weighted Course

Elective / Grade Level: (10 with approval) 11, 12

Prerequisite: "B" or better in Beginning Art
and Instructor approval

1 Credit / Two Semesters

AP Studio Art is for the highly motivated student who is seriously interested in the study of art. This course will require significant student commitment in and out of class. The student will create a portfolio in drawing, 2-D design, and/or 3-D design. Grades will be determined by the student's quality of work, originality, creativity, and willingness to work both independently and in class. The student may wish to earn college credit by submitting his/her portfolio for evaluation by the national AP panel. The course will be available to juniors and seniors or to underclassmen with teacher approval.

1 Credit / Two semesters (may be repeated) and prior knowledge of instrument

The student must have at least one-year experience on a band instrument and have director's approval for enrollment. No beginners will be accepted. The student will perform at home and away for varsity football games. Perform at parades, state and county fairs: possibility of performing at out-of-town marching festivals and parades. Performances include evening concerts, large group festivals, solo and ensemble festivals, auditions for Region Honor Band, district tours, and high school graduation. This band is also the pep band and performs at all home varsity basketball games.

P.R.I.D.E. CHOIR ***

Elective / Grade Level: 9, 10, 11, 12

Prerequisite: Audition only

One Credit / Two Semesters (may be repeated)

Pride Choir is an intermediate-level choir where the student will receive intensive vocal training, study music theory, gain experience in basic choreography and is allowed performance opportunities each semester. The student will perform music from the modern genres including Broadway, Pop, Jazz, and R & B. The student must audition to be a first-time member of this choir. Auditions are held in the spring prior to the upcoming school year.

SWING THING (SHOW CHOIR) ***

Elective / Grade Level: 9, 10, 11, 12

Prerequisites: Audition only

One Credit / Two Semesters (may be repeated)

Swing Thing is an advanced level choir which has been referred to as a dancing and singing blast of energy on stage. This choir performs four shows a year and hosts both District Fall Festival and the Holiday Vespers Program. Four-part music is selected from current publications of show and pop tunes as well as holiday pieces. Classical concert music will also be introduced to the group for specific performances throughout the year. The student is required to pass off all dances and music checks in order to perform. The best performers will obtain first string placement in shows. There is a 27-hour physical fitness log required each term as well as a portfolio and bi-weekly sight-singing tests. The student must be prepared to work hard and attend many performances. The student must audition to be a first-time member of this group. Auditions are held in the spring prior to the upcoming school year. A summer camp is held for one week at the high school; accommodations will be provided for out-of-town participants to attend this camp. *A DRAW CARD IS REQUIRED FOR PARTICIPATION IN THE CLASS.* The student will be expected to purchase his/her own performance shoes (approximately cost is \$50)

*** Choir auditions are held in the spring of the previous year. The director will coordinate with the administration on choir numbers. A student may audition the first week of the semester if the student was unable to do so the previous spring. If a student transfers from another school having previous vocal experience, the student may audition for any of the top three audition-only choirs. Along with this audition, a recommendation is required from the student's previous choral director with the HHS director contacting the previous director. The director reserves the right but is not obligated to create a position for the student if the student's skill level dictates. Otherwise, the student will be placed on a ranked "waiting" list along with previously auditioned students, which will be the reference for selection when vacancies occur.

Section 6

PHYSICAL EDUCATION DEPARTMENT

(Must successfully complete one semester each of P.E and Health for graduation)

PHYSICAL EDUCATION (P.E.)

Required / Grade: 9

Prerequisites: None

½ Credit / One Semester

P. E. is a required class that is to be taken in the 9th grade. The student will receive an introduction to physical education—both team and lifetime activities, the learning of skills, rules and actual play, with an extra emphasis on fitness. Proper attire is required which consists of shorts, t-shirt, non-marking tennis shoes, and sweats when the weather permits. Written and skill tests are used to measure the student's performance. Involvement and participation as well as dressing appropriately are included in the student's evaluation.

HEALTH

Required / Grade Level: 9

Prerequisites: None

½ Credit / One Semester

Health/ABS is a required class that is to be taken in the 9th grade. The focus of this course is the physical, mental, and social well being of the individual. The focus of the course is incorporating important components and characteristics that a student can use to make responsible decisions throughout his/her lifetime. This includes examining health and wellness issues, basic principles of nutrition and exercise, drug/alcohol use and abuse, the human body systems, first aid principles, and how technology influences the health professions.

(CTE Level II Cosmetology, Nursing Services and Health Related Occupations class.)

WEIGHT TRAINING AND PHYSICAL CONDITIONING

Elective / Grade Level: 10, 11, 12

Prerequisites: "B" or better in P.E.

One Credit / Two Semesters

and Instructor approval

Weight Training will introduce the student into proper technique and program development. Students will be required to alternate days of lifting and conditioning. Cardio endurance will be another aspect of the class. Classes will be co-ed. The purpose of the class is to improve speed, strength, and agility. The course is designed with three weight training competencies: strength, mass, and muscular endurance. Proper attire is required consisting of shorts, t-shirt, and non-marking tennis shoes. Involvement and participation as well as dressing appropriately are included in the student's evaluation. This course may be repeated. Students wishing to stay in the class for the second semester must maintain at least a B during their 1st semester.

Section 7

FOREIGN and SECOND LANGUAGE DEPARTMENT

(Universities require 4 semesters—TWO CREDITS—of the same language;
preferably taken in the upper grades)

INTRODUCTION TO NAVAJO LANGUAGE AND CULTURE

Elective / Grade Level: 9, 10, 11
1/2 Credit / One Semester

Prerequisites: None

This course is for non-Navajo speakers. Students learn Navajo history and culture. Students master the Navajo alphabet and vowel pronunciation, identification of sounds, and basic vocabulary. Students learn simple Navajo conversation. This course is an introduction to Navajo I.

NAVAJO I

Elective / Grade Level: 10, 11, 12
One Credit / Two Semesters

Prerequisites: None

This course introduces the Navajo alphabet and vowel sounds with a brief explanation of the theories and myths of the language development. Non-Native speakers will develop the proper use of the language through the study of grammar, sentence structure and everyday vocabulary. Speaking, reading, writing and comprehension skills are emphasized. The student will also develop an awareness of the Navajo culture and tradition. This is a required course if a Navajo student intends to pursue the Chief Manuelito Scholarship.

NAVAJO II

Elective / Grade Level: 11, 12
One Credit / Two Semesters

Prerequisites: "C" or better in Navajo I

In Navajo II the student will read and comprehend a variety of Navajo genre and will master writing complex sentences paralleling the strands of the Arizona English Standards. The course is taught using only the Navajo language between student to student and student to teacher. The completion of this course will meet the requirement of two years of a second language for university admission.

SPANISH I

Elective / Grade Level: 10, 11, 12
One Credit / Two Semesters

Prerequisites: "C" or better in English 9

Spanish I is taught by using conventional grammar instruction in combination with the TPRS method. The curriculum for grammar will mirror national standards established by the AASPT (American Association of Spanish and Portuguese Teachers). Whereas grammar teaches the rules of the language, TPRS teaches verbal fluency. The TPRS method consists of learning vocabulary through the Total Physical Response method and using the vocabulary for telling stories to the class and reading small novels containing the same vocabulary. The student will write and read in the target language in class.

SPANISH II

Elective / Grade Level: 10, 11, 12
One Credit / Two Semesters

Prerequisites: "C" or better in Spanish I

All material learned during the first year of Spanish will be constantly reviewed and expanded throughout the year using both conventional and TPRS teaching methods. The student will learn most of the remaining grammar of the language as per AASPT recommendations with a heavy emphasis on speaking and writing.

CAREER AND TECHNICAL EDUCATION
COHERENT SEQUENCE FOR 2012-2013

Multi Media – Section 8

GRADE 9 DIGITAL COMMUNICATIONS
GRADE 10 FOUNDATIONS OF MULTI MEDIA I
GRADE 11 MULTI MEDIA II
GRADE 12 MULTI MEDIA III

BUSINESS MANAGEMENT AND ADMINISTRATIVE SERVICES – Section 9

GRADE 9 BUSINESS TECHNOLOGY
GRADE 10 FOUNDATIONS OF BUSINESS I
GRADE 11 BUSINESS ADMINISTRATIVE OFFICE SERVICES II
GRADE 12 BUSINESS ADMINISTRATIVE OFFICE SERVICES III

INFORMATION TECHNOLOGY– Section 10

GRADE 9 DIGITAL COMMUNICATIONS
GRADE 10 FOUNDATIONS OF VIDEO GAME DESIGN I
GRADE 11 VIDEO GAME DESIGN/ROBOTICS II
GRADE 12 VIDEO GAME DESIGN/ROBOTICS III

EARLY CHILDHOOD PROFESSIONS – Section 11

GRADE 9 LIFE CONNECTIONS
GRADE 10 FOUNDATIONS OF CHILD DEVELOPMENT I
GRADE 11 CHILD DEVELOPMENT II
GRADE 12 CHILD DEVELOPMENT III

CONSTRUCTION TECHNOLOGY (OPTION A) – Section 12

GRADE 9 INDUSTRIAL TECHNOLOGIES
GRADE 10 FOUNDATIONS OF CONSTRUCTION TECHNOLOGY I
GRADE 11 CONSTRUCTION TECHNOLOGY II
GRADE 12 CONSTRUCTION TECHNOLOGY III

CABINET MAKING (OPTION B) – Section 12

GRADE 9 GRADE 9 INDUSTRIAL TECHNOLOGIES
GRADE 10 FOUNDATIONS OF CABINET MAKING I
GRADE 11 CABINET MAKING II
GRADE 12 CABINET MAKING III

WELDING TECHNOLOGY – Section 12

GRADE 9 INDUSTRIAL TECHNOLOGIES
GRADE 10 FOUNDATIONS OF WELDING I
GRADE 11 WELDING II
GRADE 12 WELDING III

COMPUTER AIDED DRAFTING – Section 13

GRADE 9 INDUSTRIAL TECHNOLOGIES
GRADE 10 FOUNDATIONS OF CAD I
GRADE 11 CAD II
GRADE 12 CAD III

AUTOMOTIVE TECHNOLOGY – Section 14

GRADE 9 INDUSTRIAL TECHNOLOGIES
GRADE 10 FOUNDATIONS OF AUTOMOTIVE TECHNOLOGY I
GRADE 11 AUTOMOTIVE COLLISION REPAIR II
GRADE 12 AUTOMOTIVE COLLISION REPAIR III

Section 8

Multimedia **Career and Technical Education (CTE)**

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

DIGITAL COMMUNICATIONS

Elective / Grade Level: 9

Prerequisites: None

1/2 Credit / one Semesters

Digital Communications is the study and use of digital communication tools including computers, cameras, scanners, printers and other tools that are shaping our lives. It is the beginning course in the Multimedia and Information Technology Programs.

FOUNDATIONS OF MULTIMEDIA I

Elective / Grade Level: 10

Prerequisites: C or better in Digital Communication

One Credit / Two Semesters

In Foundations of Multimedia students will learn different ways to communicate through graphics, presentation systems, desktop publishing, web publishing, animation and video. They will apply their knowledge of digital tools such as digital cameras, video cameras, scanners, and printers to specific projects designed to increase their employability skills. In addition, students will learn basic navigation and video editing using a Mac. CTE Interactive Digital Media.

MULTIMEDIA II

Elective / Grade Level: 11-12

Prerequisites: C or better in Foundations of Multimedia

One Credit/Two Semesters

Multimedia II is the 3rd year class of the Multimedia Program. Students will emphasis Final Cut Pro skills in preparation for Final Cut Pro certification. In addition, students will hone their video production skills doing interviews, PSAs, promotional videos etc. 6 hours college credit is available from EAC. CTE Interactive Digital Media.

MULTIMEDIA III

Elective / Grade Level: 12

Prerequisites: C or better in Multimedia II

One Credit/Two Semesters

Multimedia III is the 4th year class of the Multimedia Program. Students will improve their video editing skills, learn animation, and work on audio production and advanced lightning and script writing. Dual Credit is available from NPC under the Web Page Design Certificate of Proficiency in video editing using Adobe Premier and Adobe Photoshop. CTE Interactive Digital Media.

BUSINESS MANAGEMENT DEPARTMENT
Career and Technical Education (CTE)

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

BUSINESS TECHNOLOGY

Elective / Grade Level: 9

Prerequisites: None

1 Credit / Two semesters

The student will improve keyboarding skills. During the course the student will learn beginning, intermediate and some advanced skills in Word, Excel, and PowerPoint. Instruction will also be in the skills necessary to make his/her high school experience a success while gaining a broader perspective and increased self-awareness. Teamwork, diversity, communication, goal setting, time management, preparation, critical thinking, and employability skills are all components of this section. Student must complete this course with a "C" or better to move on to the next class.

FOUNDATIONS OF BUSINESS I

Elective / Grade Level: 10

Prerequisites: "C" or better in Business Technology
or Special Permission by Instructor

1 Credit / Two semesters

The student will learn general business knowledge and improve computer skills through application of technology. This course surveys basic areas of business such as finance, marketing, economics, and business law. Additionally, the student will improve their communication, decision-making and job search skills. Student must complete this course with a "C" or better to move on to the next class.

BUSINESS MANAGEMENT & ADMINISTRATIVE SERVICES II & III

Elective / Grade Level: 11 & 12

Prerequisites: "C" or better in Foundations of Business
Concurrent enrollment in Geometry or higher

Two Credit / Four Semesters

Over a two-year period the student will complete six (6) courses toward a Northland Pioneer College (NPC) Proficiency Certificate. The college requires a "C" or better to receive college credit. High School credit is earned simultaneously. Tuition and books are included at no charge to the student. Courses taken over the 2-year period include:

BUS 100	Introduction to Business	BUS 112	Fundamentals of Accounting
BUS 105	Techniques of Supervision	BUS 185	Ethics
BUS 106	Techniques of Personal Finance	BUS 210	Principles of Modern Management

In each of the above courses, the student is expected to behave as a college-level freshman. The student will be tasked with time management and given methods in ways of improving this skill. The student will be held financially responsible for the textbooks. Any loss or damage, other than normal wear and tear, will result in the student facing a financial charge for the replacement of the textbook.

By taking this series of courses, the student receives a more intensive exposure to business. Upon successful completion, the student is ready to continue into deeper study at the college/university level and/or begin a career in the workplace immediately.

Section 10

INFORMATION TECHNOLOGY DEPARTMENT **Career and Technical Education (CTE)**

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

DIGITAL COMMUNICATIONS

Elective / Grade Level: 9

Prerequisites: None

1/2 Credit / One Semesters

Digital Communications is the study and use of digital communication tools including computers, cameras, scanners, printers and other tools that are shaping our lives. It is the beginning course in the Multimedia & Information Technology Programs.

FOUNDATIONS OF VIDEO GAME DESIGN I

Elective / Grade level: 10

Prerequisites: Digital Communications

1 Credit / Two semesters

Concurrent enrollment in Algebra

Foundation of Video Game Design I is a yearlong class that will introduce students to video game design using Game Maker. Students will be programming, as a culmination of their developing skills, an educational video game. CTE IT Software Development.

VIDEO GAME/ROBOTICS DESIGN II

Elective / Grade Level: 11

Prerequisites: C or better in Algebra

One Credit / Two Semesters

Foundations of VGD recommended

Video Game/Robotics Design II is designed to introduce the student to software development through object oriented programming in the 3-D programming environment of Alice and to give him/her an overall understanding of the field of programming. Also, students learn how to program basic robot behaviors using motors and rotation, sound, light, touch and ultrasonic sensors. In-depth research lessons are based on real-world robots. Students learning basic robot building instructions, programming and movement then move on to working with sensors and more complex robot behaviors. In-depth research projects cover key STEM concepts, step-by-step programming instructions, and many challenge questions to reinforce key STEM outcomes. CTE IT Software Development.

ROBOTICS DESIGN III

Elective / Grade Level: 12

Prerequisites: C or better in Advanced Algebra

One Credit / Two Semesters

VGD II recommended

Robotics Design III is designed to advance the students knowledge of programming and robotics through advanced robotics and Lab View software. Students work through the complete engineering process to research, plan, design, build and test their own robots and apply STEM concepts as they work through each step of the engineering process. Students start with Guided Research Investigations where they are challenged to build and program a robot using the engineering process to simulate three real-world robots. In the next phase, Student Directed Projects, they build robotic solutions for open-ended engineering problems and follow the engineering process and keep an engineering journal for reference and grading. CTE IT Software Development.

WEB PAGE & GRAPHIC DESIGN I

Elective/ Grade Level 11

Prerequisites: "C" or better in Foundations of Multimedia

One Credits/ Two Semesters

Web Page/Graphic Design I will prepare the student to utilize multimedia functions for web page development by learning the basics of Graphic Communications and Dreamweaver. Six hours dual credit is available with NPC as part of a Certificate of Proficiency in Web Design. CTE IT Web Page Development.

WEB PAGE & GRAPHIC DESIGN II

Elective/ Grade Level 12

Prerequisites: "C" or better in Web Page Design II

One credit/Two Semesters or Two credit/Four Semesters

Web Page/Graphic Design II will advance the student's ability to utilize multimedia functions for web page development using Adobe Premier, Adobe Photoshop, Flash, Dreamweaver. Twelve hours dual credit is available with

NPC as part of a Certificate of Proficiency in Web Design if taken in a two hour block. CTE IT Web Page Development.

Elective / Grade Level: 11

Prerequisites: C or better Algebra

One Credit / Two Semesters Information Technology and Foundations of IT recommended

Web Page Development I will prepare the student to utilize multimedia functions for web page development using popular client-side and server-side programming languages, graphics, audio, and video and be able to create quality business web pages. The student will use a variety of software applications including notepad, Arachnophilia HTML editor, Photo Editor, Macromedia Studio using Dreamweaver, Flash, etc. along with computers, scanners, and digital cameras, the student will create web pages for the school and individual teachers. The student will also learn the backend, server side functionality including indexing, connecting to a web server database, outlining the core components of the Internet infrastructure, and various aspects of Internet security. Concurrent credit is available with NPC for 3 credit hours each semester. (CTE Information Technology Option D)

WEB PAGE DEVELOPMENT II

Elective / Grade Level: 12

Prerequisites: C or better in Web Page Development I

One Credit / Two Semesters

Web Page Development II will advance the student's ability to utilize multimedia functions for web page development using popular client-side and server-side programming languages, graphics, audio, and video and be able to create quality business web pages. The student will use a variety of software applications including Apache server, Macromedia Studio using Dreamweaver, Flash, etc. The student will also learn the backend, server side functionality including indexing, connecting to a web server database, outlining the core components of the Internet infrastructure, and various aspects of Internet security. Certified Internet Webmaster Certification (CIW) will be available. Concurrent credit is available with NPC for 3 credit hours each semester. (CTE Information Technology Option D)

Section 11

EARLY CHILDHOOD and EDUCATION PROFESSIONS

Career and Technical Education (CTE)

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

LIFE CONNECTIONS

Elective / Grade Level: 9

Prerequisites: None

.5 / One Semester

The student will also learn about interpersonal and family relationships, career preparation, life management, and introductory skills for employment.

FOUNDATIONS OF CHILD DEVELOPMENT I

Elective / Grade Level: 10

Prerequisites: Education Professions

One Credit / Two Semesters

or Business Management Technology

Child Development explores the phenomenon of children. The student will receive instruction in the following areas: health and sanitation along with prenatal, infant, toddler, and preschool-aged development. The student will explore childcare professions and develop an employment portfolio as well as create lesson plans for children. This course is inclusive of the ADE program of Early Childhood Professions. **A tuberculosis test is required. Fingerprinting is mandatory for students 18 and older.**

CHILD DEVELOPMENT II

Elective / Grade Level: 11

Prerequisites: C or better in Foundations of Child Development

Two Credits (Block) / Two Semesters

Child Development II is an on-site experience in the Schoolhouse P.A.L.S. Daycare Center. The course advances studies in the following: nutrition, how children learn, discipline and guidance, music and creative movement, creative media and large muscle development. The student will also create lesson plans for the children, bulletin boards and activities to further a professional portfolio. This course is inclusive of the ADE program of Early Childhood Professions. **A tuberculosis test is required. Fingerprinting is mandatory for students 18 and older.** NPC credit is available to juniors and seniors at no charge for the material covered.

CHILD DEVELOPMENT III

Elective / Grade Level: 12

Prerequisites: C or better Child Development II

Two Credits (Block) / Two Semesters

Child Development III is an on-site experience in the Schoolhouse P.A.L.S. Daycare Center. The course advances studies in the following areas: the child's total learning environment, dramatic play, small muscle development, communication with parents, fostering good self-concept, beginning math concepts, sciencing and transitions. The student will also learn advanced techniques of lesson planning and complete the professional portfolio. **A tuberculosis test is required. Fingerprinting is mandatory for students 18 and older.** NPC credit is available to seniors at no charge for the material covered.

CONSTRUCTION and MANUFACTURING DEPARTMENT
Career and Technical Education (CTE)

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

INTRODUCTION TO Industrial Technologies

Elective / Grade Level: 9

Prerequisites: None

.5 Credit / One semester

This course provides a quick introduction, career awareness and a start on basic fundamentals in the areas of Welding, Cabinet Making & Construction Technology, Autos and Computer-Aided Drafting. The course is team taught by four different teachers representing each area; on a rotation basis. Also, Core Curriculum from the Contren Learning Series will be introduced and students will start preparing for certifications which are provided in this program. This is a prerequisite course for the Foundation courses in each of the Industrial Technology areas.

FOUNDATIONS of CONSTRUCTION TECHNOLOGY I

Elective/ Grade Level: 10

Prerequisites: "C" or better in Const / Manufacturing Technology

One Credit / Two Semesters

and Instructor approval

Foundations of Construction Technology is a class where the student will receive instruction in three major areas involved with construction: planning the project, building the project, and servicing the project. The student explores how construction affects decisions made. The student has the opportunity to work on group projects. This class will help the student to discover what area of construction he/she would like to do as a career. The student will continue to work on the industry standard competencies and further prepare for high level certifications tests through the National Council for Construction and Educations Research (NCCER).

CONSTRUCTION TECHNOLOGY II

Elective/ Grade Level: 11

Prerequisites: "C" or better in Foundations of Building Trades

Two Credits (Block) / Four Semesters

and Instructor approval

Construction Technology II is a block style class meeting for two consecutive periods. This course is a continuation of the foundations class but with more intermediate construction projects involving more sophisticated learning techniques. The student will be required to complete an intermediate construction project during the year and will have the skills to obtain employment as entry-level laborer in the construction field. The student will continue to work on the industry standard competencies and further prepare for high level certifications tests through the National Council for Construction and Educations Research (NCCER).

CONSTRUCTION TECHNOLOGY III

Elective/ Grade Level: 12

Prerequisites: "C" or better in Building Trades II

Two Credits (Block) / Four Semesters

and Instructor approval

Construction Technology III is the completion course of the Construction Technology Program. The student will be broadening the knowledge base by learning more complicated and highly developed techniques. The student will be required to complete a more advanced construction project and this class will also be taught in a two-hour block period. Upon completion, the student will have exemplary skills to enter the world of work in the construction industry or continue on to postsecondary education in this subject. The student will continue to work on the industry standard competencies and further prepare for high level certifications tests through the National Council for Construction and Educations Research (NCCER).

FOUNDATIONS of CABINET MAKING I

Elective/ Grade Level: 10

Prerequisites: "C" or better in Const / Manufacturing Technology

One Credit / Two Semesters

and Instructor approval

Classroom lecture, demonstrations, and intensive, safe use of hand, portable and stationary tools will introduce the student to the woodworking field. Also, covered are the various properties of wood, such as species, type, grain direction and defects. Project planning and calculations are covered in this course as well.

CABINET MAKING II

Elective/ Grade Level: 10

Prerequisites: "C" or better in Const / Manufacturing Technology

One Credit / Two Semesters

and Instructor approval

The safe operation of portable and stationary woodworking equipment are the core elements of this course. Through demonstration and guided application the student will be introduced to the use of the portable electric saw, the hand router, the band saw, the portable drill, the drill press, the plate joiner, the saber saw and the reciprocating saw. The focus of this course is in the design and types of construction of the various cabinets and counters found in a typical residential structure. It is essential that all woodworkers know the sizes, construction, and standards used in the construction industry. This course develops the skills necessary to read a set of drawings to either construct or install cabinetry. Prerequisite: Foundations for Cabinetmaking.

COMPUTER AIDED DRAFTING (CAD)
Career and Technical Education (CTE)

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

INTRODUCTION TO Industrial Technologies

Elective / Grade Level: 9

Prerequisites: None

.5 Credit / One semester

This course provides a quick introduction, career awareness and a start on basic fundamentals in the areas of Welding, Cabinet Making & Construction Technology, Autos and Computer-Aided Drafting. The course is team taught by four different teachers representing each area; on a rotation basis. Also, Core Curriculum from the Contren Learning Series will be introduced and students will start preparing for certifications which are provided in this program. This is a prerequisite course for the Foundation courses in each of the Industrial Technology areas.

FOUNDATIONS OF COMPUTER AIDED DRAFTING (CAD) I

Elective / Grade Level: 10

Prerequisites: "C" or better in Intro to CAD

One Credit / Two semesters

and Instructor approval

Foundations of CAD is a beginning course in drafting in which the student will learn basic techniques, methods and skills, along with career awareness. The student will be introduced to and produce drawings with the computer AutoCAD 2009.

COMPUTER AIDED DRAFTING II (CAD)

Elective / Grade Level: 11

Prerequisites: "C" or better in Foundations of CAD

Two Credits (Block) / Four Semesters

and Instructor approval

The student will continue to master basic techniques and skills as well as learning new methodology of drafting. Also, students master the computer program AutoCAD 2009 as they produce industrial drawings. Concurrent credit is available with NPC for each semester in this class.

COMPUTER AIDED DRAFTING III (CAD)

Elective / Grade Level: 12

Prerequisites: "C" or better in CAD II

Two Credits (Block) / Four Semesters

and Instructor approval

In CAD III the student will produce advanced drawings and exhibit mastery in techniques, skills, and methodology required for industrial drawings. The student will begin architectural drawings and continue to use the computer program AutoCAD 2009. Also, students will be introduced to and required to produce architectural drawings with 3-D programs, Chief Architect, Soft Plan, and Revit. Concurrent credit is available with NPC for each semester for this class.

TRANSPORTATION and LOGISTICS DEPARTMENT

Career and Technical Education (CTE)

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

INTRODUCTION TO Industrial Technologies

Elective / Grade Level: 9

Prerequisites: None

.5 Credit / One semester

This course provides a quick introduction, career awareness and a start on basic fundamentals in the areas of Welding, Cabinet Making & Construction Technology, Autos and Computer-Aided Drafting. The course is team taught by four different teachers representing each area; on a rotation basis. Also, Core Curriculum from the Contren Learning Series will be introduced and students will start preparing for certifications which are provided in this program. This is a prerequisite course for the Foundation courses in each of the Industrial Technology areas.

FOUNDATIONS OF AUTOMOTIVE COLLISION REPAIR

Elective / Grade Level: 10

Prerequisites: "C" or better in Transportation & Logistics

One Credit / Two Semesters

and Instructor approval

Foundations of Automotive Collision is a year long class for sophomores. This class goes into more complex principles of the automobile. Students move into the shop to begin hands on training. They will learn under close supervision of the instructor. Shop safety, proper tool usage, and working with other students will be key to learning.

AUTOMOTIVE COLLISION REPAIR II

Elective / Grade Level: 11

Prerequisites: "C" or better in Automotive Technology

Two Credits / Two Semesters (2 period block)

and Instructor approval

Automotive Collision Repair II is a year long class for juniors. Students have the option of taking the class 1 or 2 periods a day. Students will be working on perfecting their skills in bodywork, painting, and non-structural repair. This class is enhanced by student projects. This class is only for students that are career minded in the automotive industry.

AUTOMOTIVE COLLISION REPAIR III

Elective / Grade Level: 12

Prerequisites: "C" or better in Collision Repair II

Two Credit / Two Semesters (2 period block)

and Instructor approval

Automotive Collision Repair III. This is a class for seniors. This is a very advanced class with the option of taking it 1 or 2 periods a day. This class is almost entirely in the shop. Students are doing very high end and difficult projects that require a lot of dedication. Only the most serious students reach this level.

WELDING DEPARTMENT
Career and Technical Education (CTE)

(Must successfully complete two semesters from Fine Arts or CTE for graduation)

INTRODUCTION TO Industrial Technologies

Elective / Grade Level: 9

Prerequisites: None

.5 Credit / One semester

This course provides a quick introduction, career awareness and a start on basic fundamentals in the areas of Welding, Cabinet Making & Construction Technology, Autos and Computer-Aided Drafting. The course is team taught by four different teachers representing each area; on a rotation basis. Also, Core Curriculum from the Contren Learning Series will be introduced and students will start preparing for certifications which are provided in this program. This is a prerequisite course for the Foundation courses in each of the Industrial Technology areas.

FOUNDATIONS OF WELDING TECHNOLOGY

Elective / Grade Level: 10

Prerequisites: "C" or better in Industrial Technologies

One Credit / Two Semesters

Foundations of Welding are for the student who has an interest in the welding industry. The student will acquire foundations skills using the welding equipment. The course will cover basic technical math, measuring skills, drawing interpretation, safety skills, and machine and equipment skills used in the welding occupation.

WELDING TECNOLOGY II

Elective / Grade Level: 11

Prerequisites: "C" or better in Foundations of Welding

Two Credits / Two Semesters (2 period block)

Welding Technology II is for the student who successfully passes the foundations Welding class. This course is designed to teach incremental levels for more in-depth welding skills that will begin to enable the student to take nationally recognized certification test. The student will complete modules of industry standards tasks and procedures provided by the National Council for Construction and Education Research (NCCER) and American Welding Society (AWS) Level I Entry Level Welder programs. Concurrent credit is available with NPC for each semester of this class.

WELDING TECNOLOGY III

Elective / Grade Level: 12

Prerequisites: "C" or better in Welding II

Two Credit / Two Semesters (2 period block)

Welding Technology III is a continuation of the Welding II course but will also cover carious types of welding procedures not covered in Welding II. It will give a more extensive practical application, different positions and processes needed for acquiring a welding employment opportunity. The student will be completing modulres of industry standards tasks and procedures provided by the National Council for Construction and Education Research (NCCER) and American Welding Society (AWS) Level I Entry Level welder programs. Concurrent credit is available with NPC for each semester of this class.

SPECIAL EDUCATION DEPARTMENT

The Special Education Department teachers instruct the qualifying student with the guidelines of an Individual Education Plan (IEP). This plan is developed with the expertise of the parents/guardians, the student, the specifically trained teacher, the counselor, the administrator, and any other specialized individual who has been involved in the identification process. Every effort is made to include the student in the regular classroom with modification. The regular classroom teacher is to assist in providing the modifications stipulated in the IEP. The special education teacher may be involved in the inclusion classroom to assist with the student's learning process. Each grade level has a certified special education teacher as a "case manager." The case manager provides support with all identified students in that one grade level and is actively involved in the scheduling of the student. Certified special education instructors teach the Special Education courses listed below with assistance from classified support personnel. Each course offered will be individualized to the specific need of the student.

RES ENGLISH 9

(Four required-one each year) / Grades 9

Prerequisites: None

One Credit / Two Semesters—a total of four for the four years

This course focuses on English usage and mechanics, vocabulary development, reading, and writing for various purposes, and research.

RES ENGLISH 10

(Four required-one each year) / Grades 10

Prerequisites: Completion of Res English 9

One Credit / Two Semesters—a total of four for the four years

This course focuses on English usage and mechanics, vocabulary development, reading, and writing for various purposes, and research in more depth than Res English 9.

RES ENGLISH 11

(Four required-one each year) / Grades 11

Prerequisites: Completion of Res English 10

One Credit / Two Semesters—a total of four for the four years

This course focuses on English usage and mechanics, vocabulary development, reading, and writing for various purposes, and research in more depth than Res English 10.

RES ENGLISH 12

(Four required-one each year) / Grades 12

Prerequisites: Completion of Res English 11

One Credit / Two Semesters—a total of four for the four years

This course focuses on English usage and mechanics, vocabulary development, reading, and writing for various purposes, and research. A final research report will be accomplished in the second semester. The following handouts will be examined: research guide, format for research papers, search engines, how to write a research paper, the process of doing a research paper, formal three part outline, guide to writing an introduction and conclusion, MLA style guidelines, researching and organizing.

RES PRE-ALGEBRA

Grade: 9,10,11,12

Prerequisites: Teacher Recommendation

One Credit / Two Semesters

Resource Pre-Algebra is designed to prepare a student for regular Pre-Algebra. Topics covered include: patterns, properties, integers, equations, data, graphs, number theory, rational numbers, percents, proportion.

RES ALGEBRA

Grade: 9,10,11,12

Prerequisites: Teacher Recommendation

One Credit / Two Semesters

Resource Algebra is designed to prepare a student for regular Algebra. Topics covered include: real numbers, inequalities, geometry, congruence, similarity, transformations, measurements, linear equations, polynomials, formulas.

RES GEOMETRY

Grade: 9,10,11,12

Prerequisites: Teacher Recommendation

One Credit / Two Semesters

Resource Geometry is a resource class designed to prepare students to move into Res consumer Math/Job Skills. Topics covered include but are not limited to: Points, Lines, Angles, Using Proofs, Triangles, Quadrilaterals, theorems, perimeter and area.

RES CONSUMER MATH/JOB SKILLS

(Elective) / Grade: 9,10,11,12

Prerequisites: Teacher Recommendation

One Credit / Two Semesters

Consumer Math / Job Skills is a resource class designed to prepare students for the world of work. The members of the class are members in the Wax Club. The Wax Club orders supplies, makes candles, markets candles and sells candles. Other topics covered include: balancing a check book, check writing, safety procedures, advertising, counting money, making change, filling out job applications, work ethics, interviewing, taking inventory.

RES CAREER TRANSITIONS

(Elective) / Grades 9, 10, 11, 12

Prerequisites: None

One Credit / Two Semesters—can retake

RES ACADEMIC SUPPORT

(Elective) / Grade Level: 9,10,11,12

Prerequisites: None

One Credit / Two Semesters

Pass/Fail Credit-does not apply toward GPA

Academic Support is a classroom situation that allows the student to get individualized attention and extended time to complete material presented from the regular academic inclusion classroom.

RES OJT / TRANSITION

(Elective) / Grades 11, 12

Prerequisites: Instructor recommended and student interest

Credit depends upon number of class periods:

One Credit / One period for Two Semesters

Pass/Fail Credit-does not apply toward GPA

OJT is designed to assist Special Education students in transitioning into the world of work as part of their transition plan in their IEP. Only student with an interest in employment should be referred to the transition specialist for OJT placement.

Non-Departmental ELECTIVE COURSES

ACADEMIC SUPPORT AND KNOWLEDGE (ASK)

Elective / Grade Level: 9, 10, 11, 12

One credit / Two semesters

Grade: Pass / Fail—does not apply toward GPA

Academic Support and Knowledge (ASK) is for the student who needs academic assistance and has demonstrated through his/her grades that their academic success is dependent on additional support and mentoring. The curriculum includes instruction on basic academic skills such as organization, note-taking, study habits/techniques, reading, writing, and math. The student will also use this elective period to help complete all academic obligations and responsibilities and receive one-on-one mentoring. Though placement in the class is centered upon freshman and sophomore students, eligible juniors and seniors may take the course. A student who is taking an Advanced Math Lab or Reading-Writing Support class is not permitted to take ASK.

COLLEGE READINESS

One credit / Two semesters

Grade: Pass / Fail—does not apply toward GPA

Post-High School Support and Knowledge is for juniors or seniors during. It is designed for the student who desires to further his/her education by attending junior college, university, or technical school. The class is divided into four quarters; during each quarter, instruction will be taught by a different teacher with students rotating from each class. The curriculum will center upon the following: technical and professional writing (applications, scholarships, resumes, etc.), career exploration, post secondary education preparedness, and personal finance.

STUDENT SUPPORT AIDE

Elective / Grade Level: 11, 12

Prerequisite: 2.5 GPA or better, completed application,
and administrative approval

One Credit / Two Semesters

Pass/Fail credit—does not apply toward GPA.

Limit: One credit only as an aide; cannot be repeated

Four student aide positions exist: teacher aide, office aide, guidance aide, and library aide.

TEACHER AIDE

Must have individual instructor approval

Student responsibilities include the duplication of material for classroom instruction, bulletin boards, organization of material and other duties as assigned by the instructor. The student will **NOT** be responsible for attendance or recording student grades.

ATTENDANCE AIDE

Must have office staff approval

Students enrolling in this course will be responsible for collecting attendance and filing information into the attendance folder. Other responsibilities include answering telephones, getting students from classes, some typing, and serving as a receptionist. Students will **NOT** place attendance data in Schoolmaster.

GUIDANCE AIDE

Must have guidance secretary approval

Students will be responsible for the creation of student guidance folders, filing of registration material, preparing envelopes for mailing, getting students from classes, setting up scholarship files, duplicating scholarship applications, answering telephones, sorting information from schools of higher education, and working closely with the Career Center. Typing skills are needed. Student will **NOT** have access to Schoolmaster.

LIBRARY AIDE

Must have librarian for approval

This course provides students with the opportunity for experience in the school library. Students are assigned a wide variety of duties relating to the operation of the library. Library aides are expected to learn most aspects of library operations including the Dewey Decimal System of Classification, creating monthly bulletin boards, shelving and processing books, library automation, information retrieval, operation of the school copier, and patron service. Skills acquired as a library aide will provide valuable experience for students in the world of work or education.

LEADERSHIP

Grade Level: 9, 10, 11, 12

Prerequisites: Member of Student Council

The Leadership class is for the student who has been elected or appointed as member of the HHS Student Council. One day each week will be devoted to an official business meeting. During the other weekdays, the student will be involved in activities developing leadership skills, team-building exercises, committee planning and preparation, and other skills necessary to be an effective leader. The student will demonstrate the ability to be a positive mentor and role-model for peers and an exemplary citizen for the community.

NPC RELEASE

Grade Level: 12

Prerequisites: Verification of NPC enrollment and Parent permission

NPC Release is NOT a credit class. The junior or senior student must verify enrollment with NPC by providing a copy of the NPC printed enrollment confirmation. A student must be enrolled in a minimum of four (4) class periods at HHS.”

RELEASE TIME

Grade Level: 9, 10, 11, 12

Prerequisites: Parental permission

Release Time is NOT a credit class. This time is used for religious instruction. Other arrangements must be made through administration.

NAVIT CENTRAL PROGRAM PREREQUISITES in the 9th and 10th GRADE

ALL STUDENTS HAVE TO PASS THE HIGH SCHOOL SCREENING PROCESS AND ASSET TESTING PLUS THE COURSES LISTED BELOW FOR EACH AREA OF STUDY

Certified Nursing Assistant

Prerequisites: Health/General Biology- 9th Grade

Gen chemistry or Human Anatomy/Physiology- 10th Grade

Cosmetology

Prerequisites: Health/General Biology- 9th Grade

Foundations of Business- 10th Grade

Educations Professions

Prerequisites: Life Connections- 9th Grade

Foundations of Business- 10th Grade

Fire Science

Prerequisites: Industrial Technology- 9th Grade

Foundations of Building Trades- 10th Grade

Have a current physical from a certified physician

Pass the physical fitness test

Industrial Maintenance

Prerequisites: Industrial Technology- 9th Grade

Foundations of Building Trades- 10th Grade

Welding

Prerequisites: Industrial Technology- 9th Grade

Foundations of Welding Technology- 10th Grade

CAREER AND TECHNICAL EDUCATION COHERENT SEQUENCE

<i>Automotive Technology</i>	Grade 9	Industrial Technology
	Grade 10	Foundations of Automotive Technology
	Grade 11	Automotive Collision Repair II
	Grade 12	Automotive Collision Repair III
<i>Bsn Mgmt and Adm Services</i>	Grade 9	Business Technology
	Grade 10	Foundations of Business
	Grade 11	Business Management Administrative Services II
	Grade 12	Business Management Administrative Services III
<i>Construction Technology</i>	Grade 9	Industrial Technology
	Grade 10	Foundations of Building Trades
	Grade 11	Construction Technology II
	Grade 12	Construction Technology III
<i>Computer Aided Drafting</i>	Grade 9	Industrial Technology
	Grade 10	Foundations CAD
	Grade 11	CAD II
	Grade 12	CAD III
<i>Early Childhood</i>	Grade 9	Early Childhood
	Grade 10	Foundations of Early Childhood
	Grade 11	Early Childhood II
	Grade 12	Early Childhood III
<i>Multimedia Communications</i>	Grade 9	Digital Communications
	Grade 10	Foundations of Multimedia
	Grade 11	Multimedia II
	Grade 12	Multimedia III
<i>Video Game Design</i>	Grade 9	Digital Communication
	Grade 10	Foundations of Video Game Design
	Grade 11	Video Game Design II
	Grade 12	Video Game Design III
<i>Welding Technology</i>	Grade 9	Industrial Technology
	Grade 10	Foundations of Welding technology
	Grade 11	Welding II
	Grade 12	Welding III