

2010- 2011
Description of Courses

Doniphan West
High School



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GENERAL INFORMATION and POLICY

- Students who desire a schedule change for either semester should make arrangements with the counselor before the semester begins. Late schedule changes will be made as deemed necessary by the administration.
- Classes listed on enrollment forms may be canceled by the administration if enrollments are low.
- Students who have failed a semester or more of a required subject must re-enroll in that same subject the following year.
- To meet the “Fine Arts” graduation requirement a student must take at least one full unit credit from any the following: All art classes and all music classes.
- In addition to meeting the district’s course and total-credit graduation requirements, all students graduating from Doniphan West High School must successfully complete a Senior Project. Senior Project includes research assignments, a project that is related to the research, a portfolio, and an oral presentation.
- A counselor is available, and students should familiarize themselves with the services which are available to them. These services include assistance with education planning, interpretation of test scores, course offerings, college/Regent University, academic issues, helpful study guides, solving behavior problems, and/or any questions or situations that the students/parents feel they would like to discuss.

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The Key to College Admissions



Students must meet one of the following requirements to qualify for admission to any of the six Kansas Regents universities:

- ◆ Achieve an ACT composite score of 21 or above; or
- ◆ Rank in the top one-third of your high school's graduation class; or
- ◆ Complete the qualified admissions curriculum with at least a 2.0 grade point average

One of the ways you can meet university admission requirements is to successfully complete the qualified admissions curriculum as outlined by the Kansas Board of Regents. You must complete these courses with at least a 2.0 GPA.

The following chart outlines the high school courses that are required to complete the qualified admissions curriculum.

Board of Regents Qualified Admissions Curriculum

4 units English	
4 units Natural Science	Choose from: Physical Science, Biology, Biology II, Chemistry, Physics (at least 1 unit must be Chemistry or Physics)
3 units Math	These classes must be Algebra 1 level and above
3 units Social Sciences	Students must complete World History, American History, U.S. Government
1 unit Computer	
2 units Foreign Language	Recommended

Valedictorian and Salutatorian

The Valedictorian will be the Senior with the highest grade point average; and the Salutatorian will be the Senior with the second highest grade point average of semester grades after eight semesters.

Only students completing the board or regents curriculum will be eligible to be Valedictorian or Salutatorian.

DWHS General Diploma Graduation Requirements

1 unit	Physical Education/Health
1 unit	Fine Arts
1/2 unit	Speech
1/2 unit	Senior Project
1 unit	Career/Life Planning*
1 unit	Computer Technology**
3 units	Mathematics
3 units	Science
3 units	Social Science (to include World History, American History, Government (1/2), and one other 1/2 unit)
4 units	English
8 units	Electives
	Completion of 15 hrs. of community service per year***
26 units*	Required for Graduation

Schedule Design for General Diploma

9th Grade <ul style="list-style-type: none"> • PE • Career/Life Planning • English I • Physical Science • Math • 3 Electives 	10th Grade <ul style="list-style-type: none"> • English II • Biology • World History • Math • Computer Apps • 3 Electives
11th Grade <ul style="list-style-type: none"> • English III • American History • Math • Science • Fine Arts • 3 Electives 	12th Grade <ul style="list-style-type: none"> • English IV or College English • US Government(1/2) • Social Studies(1/2) • Speech (1/2) • Sr. Project (1/2) • 5 Electives

* Class of 2011 does not have this requirement and only need 24 credits.

** Class of 2012 does not have this requirement and only need 25 credits.

*** Class of 2011, 2012, and 2013 does not have this requirement and only need 10 hrs. per year.

Kansas Scholar's Curriculum Graduation Requirements

1 unit	Physical Education
1 unit	Fine Arts
1 unit	Computer Technology
4 units	Mathematics <small>(Algebra 1 and above)</small>
4 units	Science <small>(Including Chemistry & Physics)</small>
3 units	Social Science
4 units	Language Arts
2 units	Foreign Language <small>(Must be in the same language)</small>
7 units	Electives
27 units	Required for Graduation

Schedule Design for Kansas Scholars Curriculum

<p>9th Grade</p> <ul style="list-style-type: none"> • PE • Comp Applications • English I • General Science • Algebra I • Foreign Language I • 2 Electives 	<p>10th Grade</p> <ul style="list-style-type: none"> • English II • Biology • World History • Geometry • Foreign Language II • 3 Electives
<p>11th Grade</p> <ul style="list-style-type: none"> • English III • American History • Algebra II • Chemistry • Fine Arts • 3 Electives 	<p>12th Grade</p> <ul style="list-style-type: none"> • English IV or College English • Speech (1/2) • Sr. Project (1/2) • US Government (1/2) • Social Studies (1/2) • Advanced Math/ Trig. • Physics • 3 Electives

Agricultural Education

	Course Name	units of credit	grade level			
			9	10	11	12
	Agriscience	1	9			
	Animal Science	1		10	11	12
	Horticulture	1		10	11	12
	Agricultural Mechanics	1		10	11	12
	Soil Science/ Environmental Resources and Wildlife	1		10	11	12
	Agribusiness	1			11	12
	Agricultural Communications	1			11	12
	Nursery and Landscape	1			11	12
	Ag Fabrications				11	12
	Ag Structures	1			11	12
	Agriscience Internship	1				12

ALL Agricultural Education Classes will include:

Supervised Agricultural Experience:

Hands on training in agriculture.

Leadership Development:

Through FFA leadership activities.

Financial Management:

All Ag Ed students will gain skills in personal finance.



Agriscience

Grade: 9

1 unit credit

The Agriscience course provides students an introduction to agriculture that is focused on the career clusters model. Students will gain experience and basic skills in all 7 areas of agriculture. This class is an introduction course to all Agricultural Pathways and advanced Agricultural courses. Areas of study will include leadership development, agricultural careers, financial management, animal science, plant science, agricultural mechanics, and soil and water conservation. Students will participate in a wide variety of FFA career development events and leadership activities.

AGRICULTURAL EDUCATION

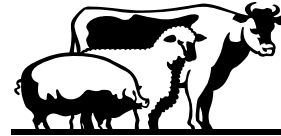
Animal Science

Grade: 10-12

1 unit credit

Prerequisite: Agriscience or instructor permission

This is a year long course for students interested in the production and management of domestic animals. The emphasis in the course will be centered on the selection, breeding, management and marketing of livestock animals, and the products produced in the livestock industry. Other areas of study will include small animal care, careers in animal science, and veterinary science.



Horticulture

Grade: 10-12

1 unit credit

Prerequisite: Agriscience or instructor permission



This is a year-long course for students interested in the horticultural field. This class will contain the following areas of study: plant growth and development, plant reproduction and propagation, landscape design and construction, soil or plant media care, greenhouse management, floral design, and careers in horticulture. A large part of this course will be used to operate the FFA greenhouse, propagating, growing, and marketing the horticultural products we produce.

Agricultural Mechanics

Grade: 10-12

1 unit credit

Prerequisite: Agriscience or instructor permission

This is an introductory year long course with the emphasis of a wide range of Agricultural Mechanics areas will also be presented, such as advanced Arc, Mig, and Oxy-Acetylene welding, Oxy-acetylene and Plasma Arc cutting, agricultural building construction, basic electricity, and agricultural power.

Soil Science/Environmental Resources and Wildlife

Grade :10-12

1 unit credit

Prerequisite: Agriscience or instructor permission

This is a year long course designed to help students understand the balance in our natural resources. Students will be presented with a wide range of topics with an emphasis on the balancing the demands of agriculture resources for food and fiber production as well as the ecological concerns for human health. Other areas of study will include wildlife management practices, and completing a taxidermy project.

Agribusiness

Grade: 11, 12

1 unit credit

Prerequisite: Agriscience or instructor permission

The Agribusiness course provides students experience in business and personal finance through business evaluation, record keeping, marketing, sales, debt management, and leadership development. Students will gain hands-on experience through student projects, FFA experiences and their SAE program.



Agricultural Communications

Grade: 11, 12

1 unit credit

Prerequisite: Agriscience or instructor permission

The Agricultural Communications course provides students experience in business communications through written and oral communications using real-life situations such as print media, electronic media, and television media and skill development in press releases, magazine layout, news writing and oral communications. Students will gain hands on experience through student projects, FFA experiences and their SAE program.

Nursery and Landscape

Grade: 11, 12

1 unit credit

Prerequisite: Agriscience or instructor permission

The Nursery & Landscaping course provides a basic understanding of careers in the Green Industry. Experiences and activities in the areas of plant selection & identification, plant propagation, landscape design, hardscapes & water features, irrigation, pesticide usage, nursery practices and customer relations will be discussed. FFA involvement provides opportunities for SAE development and participation in career development events.

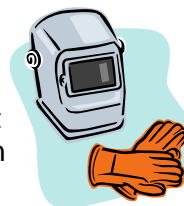
Ag Fabrications

Grade: 11, 12

1 unit credit

Prerequisite: Agriscience or instructor permission

This is a year-long course with emphasis on all types of welding and metal fabrication processes, including Advanced Arc welding, Mig welding, tig welding, and plasma arc and oxy-acetylene cutting through project construction and skill development. Students will gain hands on experience through student projects, FFA experiences and their SAE program.



Ag Structures

Grade: 11, 12

1 unit credit

Prerequisite: Agriscience or instructor permission

This is a year-long course with emphasis on all aspects of the agricultural building construction including, wood framing, electrical, plumbing, concrete, roofing, blueprint reading, and cost estimations through hands on construction projects. Students will gain experience through student projects, FFA experiences and their SAE program.

Agriscience Internship (OJT)

Grade: 12

1 unit credit

Prerequisite: Instructor permission

This course will only be for seniors that are scheduled pathway completers in agriculture education at Doniphan West High School. The students will be evaluated and supervised on the job by the Agriculture teacher through out the year. Areas of emphasis will include resumes, interviews, and work place skills.

Agribusiness Pathway

-Exploratory Agriculture	Grades 7-8
<u>-Agriscience (Intro)</u>	<u>Grades 9-12</u>
<u>-Animal Science.</u>	<u>Grades 10-12</u>
<u>-Horticulture.</u>	<u>Grades 10-12</u>
-Agricultural Mechanics.	Grades 10-12
-Soil Science/Environmental Resources & Wildlife	Grades 11-12
<u>-Agribusiness</u>	<u>Grades 11-12</u>
-Ag Communications	Grades 11-12
-Agriscience Internship Instructor approval	Grade 12 only

Plant systems Pathway

<u>-Agriscience (Intro)</u>	<u>Grades 9-12</u>
<u>-Horticulture.</u>	<u>Grades 10-12</u>
-Nursery & Landscape	Grades 11-12
<u>-Soil Science/ Environmental Resources & Wildlife</u>	<u>Grades 11-12</u>
<u>-Agribusiness</u>	<u>Grades 11-12</u>
-Ag Communications	Grades 11-12
-Agriscience Internship Instructor approval	Grade 12 only

Power, Structural and Technical Sysytems

<u>-Agriscience (Intro)</u>	<u>Grades 9-12</u>
<u>-Agricultural Mechanics.</u>	<u>Grades 10-12</u>
<u>-Ag Fabrication</u>	<u>Grades 11-12</u>
<u>-Ag Structures</u>	<u>Grade 11-12</u>
-Agriscience Internship Instructor approval	Grade 12 only

If students complete three of the courses that are underlined in one of the pathways they will be eligible for a scholarship or course exemptions from Highland Community College and the Northeast Kansas Technical Center of Highland Community College.

Highland Community College (HCC)

Agribusiness and Plant Systems pathways
Grant; Books and tuition agricultural scholarship

Northeast Kansas Technical Center of HCC

Power and Structural pathway
Grant: Lab 1 of Industrial Welding exemption

AGRICULTURAL EDUCATION

	Course Name	units of credit	grade level			
			9	10	11	12
	Art I	1	9	10	11	12
	Art II	1		10	11	12
	Art III	1			11	12
	Art IV	1				12
	Photography	½			11	12
	Design	½			11	12
	Metalsmithing/ Jewelry	1			11	12

Art I- Introduction to Art

Grade: 9-12

1 unit credit

Art I is an introductory course for any student interested in exploring the world of visual art. Students will have the opportunity to explore a variety of art media, including drawing, painting, ceramics, and sculpture. Students will also be exposed to art history through different individual and group projects. Art I is required to enter the art curriculum and continue to other art classes. Students will be required to provide a sketch journal that they will use for note taking, project sketches, and outside of the class drawing assignments.



Art II- Exploration of Art Media

Grade: 10-12

1 unit credit

Prerequisites: Art I with a C or higher.

Some exceptions may be made at the teacher's discretion.

Art II is an extension of Art I. Students will further explore the art media they were exposed to in Art I. Students will begin to have more freedom in the decisions they make regarding their own artistic expression. Students will be exposed to new mediums such as printmaking, charcoal drawing, and water coloring. Students will be required to provide a sketch journal that they will use for note taking, project sketches, and outside of the class drawing assignments.

Art III- Advanced Art

Grade: 11,12

1 unit credit

Prerequisites- Art II with a B or higher or *instructor permission*.

Art III students are gaining further independence in their art work. They have greater choice in subject matter and style regarding their artwork. Students will be exposed to wheel thrown pottery in this class. Students at this level should be starting to develop their own individual style and form of expression. Students will be required to provide a sketch journal that they will use for note taking, project sketches, and outside of the class drawing assignments.

Art IV- Advanced Art/ Portfolio Preparation

Grade: 12

1 unit credit

Prerequisites- *Art III or Photography/ Design with a B or higher or instructor permission*

Art IV is meant for the students that are planning to attend college and study or major in an art field. The class will aid the student in preparing a portfolio of their work for college interviews. The course can also be taken by a student that has a strong interest in art but may not be planning to go on with art in college. Students will choose the media they want to work in. They can choose from drawing, painting, ceramics hand-built or wheel thrown, photography, or sculpture. Students will be required to provide a sketch journal that they will use for note taking, project sketches, and outside of the class drawing assignments.

**ART**

Photography (Fall)

Grade: 11,12

½ unit credit

Prerequisites- Art II with at least a B average or instructor permission

This class will focus on the basics of photography. Students will learn the basics of how the 35mm camera works and its different parts. We will cover the basic rules of successful photographic composition and how to take appealing photographs. Students will learn to process black and white film and make prints of their photographs. Students will learn the basics of the dark room and how to use dark room equipment. Students will practice taking photos through a variety of specific assignments like portraits, landscape photography, and other styles of photography.

**Design (Spring)**

Grade: 11,12

½ unit credit

Prerequisites- Art II with at least a B average or instructor permission

This class will focus on design and graphic design. Students will learn to use the graphic design software Adobe Illustrator and Photoshop. Students will be required to provide a sketch journal that they will use for note taking, project sketches, and outside of the class drawing assignments.

Metalsmithing/ Jewelry

Grade :11,12

1 unit credit

Prerequisites: Art II with at least B or instructor permission

An introductory course for any advanced art student interested in exploring the world of metal art. Students will be exposed to metal history, forming, fabrication, and casting. Students at this level should be able to work and design independently under instructor supervision. Students will be required to provide a sketch journal that they will use for note taking, project sketches, and outside of the class drawing assignments.

Business/Computer

	Course Name	units of credit	grade level			
			9	10	11	12
	Computer Applications I	1	9	10		
	Computer Applications II: (Multimedia & Web Design)	1		10	11	
	Accounting I	1		10	11	12
	Computerized Accounting (Accounting II)	1			11	12
	Web Design	1			11	12
	In-House Training	1			11	12

Computer Applications I

Grade: 9, 10

1 unit credit

Prerequisite—Keyboarding skills

This course is designed for students with good keyboarding skills (required to be taught at the Middle School level). It will cover Microsoft Office 2007 in-depth, including Microsoft Word (data processing - letters, envelopes, reports, memos, mail merge, tables, etc.), Excel (spreadsheet and charts), Access (database manipulation and application), Power Point (slide and graphic presentation), and Outlook (email and calendaring). Microsoft Office is used by many colleges and businesses, and this course will prepare students for college-related activities and work-related skills.



Computer Applications II: (Multimedia & Web Design)

Grade: 10, 11

1 unit credit

Prerequisite: Keyboarding skills

Computer Applications I is NOT a prerequisite. The students will use several applications programs dealing with multimedia and publications. Programs emphasized will be Adobe Page-Maker and/or Publisher (desktop publishing), Adobe Dreamweaver (web design), Adobe PhotoShop (photo editing), Adobe Flash (animation), Adobe Fireworks (graphics), Video Factory (movie production), and Sound Forge and/or Acid XMC (audio production).

Accounting I

Grade: 10-12

1 unit credit

This course introduces students to the accounting concepts and principles. It provides the skills and knowledge to conduct personal business or to further their education in the field of accounting or business.

The students will study the entire accounting cycle for a service and merchandising business. Other items that will be covered are: payroll, automated accounting using QuickBooks Pro software, depreciation, inventory, petty cash, notes receivable and payables, etc.

**Computerized Accounting (Accounting II)**

Grade: 11, 12

1 unit credit

Prerequisite: Accounting I

This course is designed for students who are interested in pursuing the study of accounting or business. A more in depth study of the accounting cycle will be studied. Other areas to be covered are: business entities, special accounting systems, managerial accounting, and cost accounting. Automated accounting will be an emphasis in this class.

Web Design

Grade: 11,12

1 unit credit

Prerequisite: Computer Apps I with at least a C

The goal of this course is to provide students with a basic understanding of Web page design principles and Web site creation. Students will study several introductory concepts: the Internet, the World Wide Web, and HTML. Students begin by creating basic pages using HTML and progress to linking these pages to one another forming Web sites. The industry standard software used include: Adobe Web Suite CS3—Dreamweaver, Flash, Fireworks, Photoshop, and Illustrator.

IHT (In-House Training)

Grade: 11,12

1 unit credit

*Prerequisite: Computer Apps I and II****and must have instructor permission***

This class replaces work experience with On-the Job-Training. The classroom is a simulation of a business environment so that students will engage in the skills and knowledge needed in a business. The teacher is the employer and the student is the employee. Live production work will be solicited from the communities. Past jobs obtained for IHT are advertising using flyers, senior slide show, cost analysis, publications, etc.



Course Name	units of credit	grade level				
		9	10	11	12	
Career and Life Planning Intro to FACS*	1	9				
Parenting	1	9	10	11	12	
Meal Management	1	9	10	11	12	
Nutrition and Wellness	1		10	11	12	
Resource Management	1		10	11	12	

Career and Life Planning/ Intro to FACS

Grade:9 (Required)*

1 unit credit

Career and Life Planning: Students will gain basic knowledge about Career Clusters and Pathways. They will complete surveys, research a pathway and present their findings. Workplace skills, employment documents, understanding paychecks and paystubs, tax documents, and legal rights and responsibilities of workers, and safety in the workplace are included.

Intro to FACS: The goal of this class is to introduce students to all areas of Family and Consumer Science. Students will gain knowledge and skills Spending Plans, Checkbook Simulation, Selection and Care of Clothing, Healthy family and peer relationships, Eating Healthy, Kitchen safety and Sanitation, and Basic Food Preparation techniques.

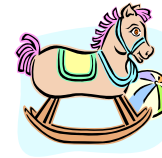


Parenting

Grade 9-12

1 unit credit

Students will analyze the responsibilities and rewards of parenting. Students will understand the Physical, Emotional, Social, and Intellectual aspects of human growth and development from the prenatal stage to early childhood. Health and safety, encouraging learning, positive guidance strategies, parenting styles, evaluating child care options and child care careers are included. A “Baby Care” simulation is completed in the course.

**Meal Management**

Grades: 9-12

1 unit credit

Students will use dietary tools to evaluate food items and menus for making healthy and wise consumer decisions. A variety of kitchen appliances and utensils will be compared and used in the lab. Students will apply techniques and cooking principles by completing lab experiences in the following units: Meats; Poultry; Eggs; Dairy ; Fruits and vegetables; Salads, Soups, and Casseroles; Cereals; Breads; Cakes and Pies.

Nutrition and Wellness

Grade 10-12

1 unit credit

Students will acquire an understanding of Nutrition and Wellness components that will help them make informed decisions about their health throughout a lifetime. Dietary tools, evaluating informational resources, reading and interpreting food labels, and evaluating diet plans will be included. Current nutritional and health issues related to teenagers is a major focus.

Resource Management

Grades: 10-12

1 unit credit

Students will acquire and apply knowledge in managing their resources in order to achieve their personal and family goals. Skills in the following areas are included: Values, goal setting, and decision making; Correlation between education and income; developing spending plans; Financial institutions and personal banking; Paychecks and taxes; Savings, credit, and investing; Insurance; Consumer Protection; and Consumer decisions related to housing, food, and transportation.

Foreign Language

	Course Name	units of credit	grade level			
			9	10	11	12
	Spanish 1	1	9	10	11	12
	Spanish II	1		10	11	12
	Spanish III	1			11	12

Spanish 1

Grade: 9-12

1 unit credit

Beginning Spanish is the place to explore a foreign language and foreign lands throughout all of Spanish America. Basic vocabulary and grammar skills are the basis for this class. Common phrases, basic vocabulary, and survival communication skills are the main emphasis, but geography and understanding different cultures are also important.

Spanish II

Grade 10-12

1 unit credit

Prerequisite: Spanish I

Reviewing the basics is a starting point of Spanish 2. Adding to the vocabulary and grammar knowledge base is the main focal point at this level. The students will conjugate more verb tenses as well as continue to work on communication skills. An exploration of more Spanish-speaking countries and their customs rounds out the class. Because of advanced vocabulary and oral/written skills, more projects are done at this level.



Spanish III

Grade: 11,12

1 unit credit

Prerequisite: Spanish II

As an advanced Spanish language class more emphasis is placed on communication, reading comprehension, and writing skills. Perfecting these skills is essential for any student who intends to pick up a foreign language outside of high school. Through these skills, they are still able to continue to study Spanish-speaking countries, their history, and their customs. Using different mediums to enhance these skills helps to keep the interest level high and the desire to prolong the foreign language experience.



Language and Communication Arts

Course Name	units of credit	grade level			
		9	10	11	12
English I	1	9			
English II	1		10		
English III	1			11	
English IV	1				12
Dual Credit English IV/College English	1				12
Senior Project	½				12
Speech	½				12
Creative Writing	½		10	11	12
Journalism I-Newspaper Production	1	9	10	11	12
Journalism II -Yearbook Production	1		10	11	12

English I

Grade: 9

1 unit credit

English I covers reading, writing, and speaking. Most of the reading material will focus on genre: short story, biography, drama, poetry, epic poetry, novel, and non-fiction. These selections may include *Romeo and Juliet*, *The Odyssey*, *The Good Earth*, and a wide variety of short stories. Students will study English language usage, vocabulary, and sentence structure. Students will use a variety of writing structures and styles including expository, persuasive, descriptive, and narrative. Taking good notes, writing good sentences, writing good paragraphs, and writing good essay answers will be emphasized. Students will write an I-Search paper as a research project. Various speaking assignments will be made during the year.

Students must earn at least 15 points of approved AR per quarter.



English II

Grade: 10

1 unit credit

Prerequisite: English I

English II covers reading, writing, and speaking. Most of the reading material comes from British and World Literature and includes poetry, drama, and prose. Titles and/or authors may include *Beowulf*, Chaucer's *The Canterbury Tales*, Jonathan Swift's *A Modest Proposal*, and Shakespeare's *Macbeth*. Students will write using a various text structures and style including literary response, expository, persuasive, descriptive, and narrative. A research paper that concludes with an oral presentation will be completed during second semester.

Students must earn 15 Accelerated Reader points each quarter.

**English III**

Grade: 11

1 unit credit

Prerequisites: English II

English III covers reading, writing, and speaking. Most of the reading material comes from American literature that spans the earliest writings to present day. Titles and/or authors may include Jonathan Edwards, Patrick Henry's *Speech to the Virginia Convention*, *The Declaration of Independence*, Washington Irving, Ralph Waldo Emerson, Nathaniel Hawthorne, Edgar Allan Poe, Frederick Douglass, Stephen Crane, Mark Twain, Jack London, Ernest Hemingway, William Faulkner, and Robert Frost. Also included is a novel study of *To Kill a Mockingbird*. Students will write using various text structures and style including literary response, expository, persuasive, descriptive, and narrative.

Students must earn 15 Accelerated Reader points each quarter.

English IV

Grade: 12

1 unit credit

Prerequisite: English III

English IV is a culmination of English I through English III. It is the final polishing of the reading, writing, and speaking skills taught throughout high school. Students will read various fiction and non-fiction selections of literature and are assigned corresponding written and oral assignments.

Students will also write/revise a resume and cover letter that can be used for scholarship applications or job interviews. Some of the assignments will correspond with Senior Project assignments.

Students are required to read at least one approved Accelerated Reader book each quarter.

Dual Credit English IV and College English

Grade 12

1 unit high school credit per year/

3 hours college credit per semester

Prerequisite: English III and college placement test

Dual Credit English IV and College English is basically the English class that students would take at a college, here Highland Community College. High school students can earn 6 hours of college credit by enrolling in College English I first semester and College English II second semester. The class follows the guidelines of Highland Community College English I and English II syllabi and uses college textbooks. College English I encompasses reading essays and writing; College English II encompasses the study of literary genre' and writing.

Journalism I-Newspaper Production

Grade: 9-12

1 unit credit

Prerequisites: Instructor permission, basic keyboarding and computer skills.

This class is required before taking Journalism II, or it may be taken at the same time as Journalism II. Students in this course will publish the school newspaper *D. West Express*; they will **not** work on the yearbook. They will be involved in all stages of newspaper production including planning, assigning, writing, designing, and printing. Course content will include press law and ethics, AP style, interviewing, various modes of writing, captions, headlines, advertising, desktop publishing, and photography. The software programs used include Adobe Photoshop and Adobe Pagemaker. Though prior knowledge of these programs is not required, it is helpful. Being a self starter and independent worker are good traits for students enrolled in this class. Additionally, staff members must meet deadlines, attend school activities, and occasionally work after school.

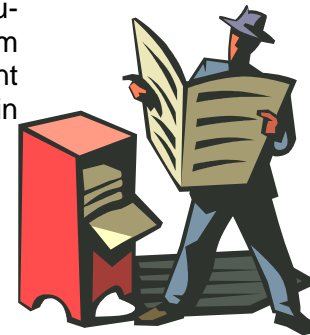
Journalism II -Yearbook Production

Grade: 10-12

1 unit credit

Prerequisites: At least a "C" in English I, Journalism I and instructor approval; or demonstration of ability and instructor approval.

Students in this course serve as the staff of the *Mustang Moments* yearbook. Planning, writing, editing, selling, and photography are skills taught. Selling advertisements during the first quarter is required. Being a member of the yearbook staff involves meeting deadlines, attending school activities, and occasionally working after school. In addition to working on the yearbook, staff members will be assigned to contribute articles to the school newspaper and local newspaper. Students will also participate in KSPA journalism contest. Being a self starter and independent worker are good traits for students enrolled in this class.



Mathematics

	Course Name	units of credit	grade level			
			9	10	11	12
	Pre-Algebra	1	9			
	Algebra 1	1	9	10		
	Geometry	1	9	10	11	
	Algebra II	1		10	11	12
	Dual Credit Advanced Math/ Trigonometry/ College Algebra	1			11	12
	Calculus	1				12

Pre-Algebra

Grade: 9

1 unit credit

Introductory course dealing with the concepts of operations in the real number system, integers, equations, inequalities, probability, geometric figures, statistics, and coordinate graphing.

Algebra 1

Grade: 9,10

1 unit credit

Prerequisite: Pre-Algebra or teacher recommendation

This course includes properties & operations in the real number system, simplification of algebraic expressions, solving linear equations and inequalities, polynomial functions and operations.

Geometry

Grade: 9-11

1 unit credit

Prerequisite: Algebra 1 or teacher recommendation

Geometry is an in-depth study of lines, planes, angles, polygons, circles and various 2 and 3-dimensional figures. This course uses coordinate geometry and Euclidean geometry to prove a variety of properties and theorems. It also introduces trigonometric functions.

MATHEMATICS

Algebra II

Grade:10-12

1 unit credit

Prerequisite: Geometry

Continues & adds to concepts begun in Algebra 1 and Geometry, including solving equations and inequalities, and graphing linear equations. Solving systems of equations are solved by substitution, linear combination and graphing. Matrices are studied including matrix operations and finding determinants. Methods to simplify and factor polynomials are taught. Graphing and solving quadratic equations are also studied.

Dual Credit Advanced Math/Trigonometry/College Algebra

Grade: 11, 12

1 unit high school credit per year/

3 hours college credit per semester

Prerequisite: Algebra II and college placement test

This course continues the studies of Algebra II in graphing linear equations and inequalities and solving systems of equations. Nonlinear equations and inequalities are graphed. The unit circle and special right triangles are used to find values of trig functions and find measures of triangles. The graphs of trig functions are studied. Solving, evaluating and graphing exponential and logarithmic functions is also taught.

Calculus

Grade: 12

1 unit credit

Prerequisite: Advanced Math/Trig.

This course involves the study of limits and continuity. Limits involving infinity are also included. Various methods are used to find derivatives including the power, product, quotient and chain rules. Applications of derivatives are taught including graphing curves and finding minimums and maximums. Definite and indefinite integrals are studied also.

Music

	Course Name	units of credit	grade level			
			9	10	11	12
	Band	1	9	10	11	12
	Choir/Swing Choir	1	9	10	11	12
	Bach to Rock/Music History	1	9	10	11	12

Choir/Swing Choir

Grade 9-12

1 unit credit

Prerequisite: Vocal experience or approval of instructor

Students will:

- Have basic understanding of music in relation to history and culture.
- Sing with expression and technical accuracy in large group performances, performing many songs from memory.
- Work toward development of singing alone with technical accuracy.
- Gain basic knowledge of reading and notating music.
- Listen to analyze and describe music using appropriate musical terminology.
- Evaluate their own and others musical performances.
- Understand relationships between music the other arts and disciplines outside the arts.
- Students will have a good understanding of the musicianship needed to succeed and perform well.



BAND

Grade: 9-12

1 unit credit

Prerequisite: Previous participation in band or instructor approval

The students are expected to improve the performance on their individual instruments by the daily instruction, using compositions that are provided to them.

As a group, tone quality, understanding of rhythm, and developing the ability to work together to perfect quality performance is expected. Sharing of ideas and discussion of the different works of various composers is part of this class.

Bach to Rock/ Music History

Grade: 9-12

1 unit credit

Bach to Rock course surveys different musical styles and periods with the intent of increasing students' enjoyment of musical styles and/or developing their artistic or technical judgment. This course may also focus on developing an understanding of a particular style or period. For the class, there will be no prerequisites other than an interest in the how music has developed and how it works. The class is about examining music from all time periods from antiquity through today and seeing how it's interrelated. We'll also be looking at how music works, and why it works the way it does.

Expectations: reading, listening, in class work, and projects.



Physical Education and Health

	Course Name	units of credit	grade level			
	Physical Education I*	1	9			
	Physical Education II	1		10	11	12
	Strength and Speed	1		10	11	12

Physical Education I and Health

Grade: 9(Required)*

1 unit credit

Objective: Encourage fitness for life, by teaching the basic skills of a wide variety of sports and activities. The focus will be on the basic skills and fundamentals of each sport or game and there will be emphasis on team work and sportsmanship. Students will be introduced to team and individual sports. Students will also participate in several team activities and competitions. A health component is also included that covers in depth the three sides of the health triangle – social, emotional and physical – as required by the state of Kansas.

Physical Education II

Grade: 10-12

1 unit credit

Prerequisites- PE I.

Objective- To have fun as well as build skills and knowledge to encourage fitness for life. Students in this class have already been taught the basic skills of most sports and games, so the emphasis of PE II will be on fine-tuning those skills through focus on strategy, history and sports science. More advanced activities such as orienteering and team-building exercises are also included.

Strength and Speed

Grade: 10-12

1 unit credit

Objective- This class is designed to increase strength endurance and power for the purpose of physical fitness and application to sports activities. Flexibility and cardiovascular development are also an important part of increasing the athletic capacity of the student through circuit training, Olympic-style lifting and speed, agility and conditioning drills.

Course Name	units of credit	grade level			
Physical Science	1	9			
Biology I	1		10		
Dual Credit Biology II/ College Biology	1			11	12
Human Anatomy and Physiology	1			11	12
Chemistry	1		10	11	12
Physics	1				12

Physical Science

Grade: 9 1 unit credit

Due to the nature of the State Science Assessments, all Freshmen are required to take physical science. First semester, students will be studying chemistry. Subject matter will include: structure of the atom, classification of matter (elements, compounds, and mixtures), the periodic table, and chemical reactions. Second Semester students will be learning about physics. Subject matter will include: Laws of Motion, Forces, and various types of energy.

Biology I

Grade: 10 1 unit credit

Biology is the study of life. During the first semester students will be studying life at the cellular and molecular level. Second Semester students will be studying the vast diversity of life by identifying major characteristic of Kingdoms, Phylums, and Classes of organisms.

Biology II/ Dual Credit College Biology

Grade: 11,12 1 unit credit

Prerequisite: Biology I

Biology II is a course designed for exploring ecosystems, biomes, and the classification of organisms in a more in-depth learning experience. The course will provide a natural world experience because it explores the interactions of all things, living and nonliving, including the student. This class offering is an upper level course for those students who need another science credit for graduation.

Human Anatomy and Physiology

Grade: 11, 12

1 unit credit

Prerequisite: Biology and Chemistry or concurrently enrolled

Human Anatomy and Physiology is designed to prepare students for the state assessments as well as college. The class targets, but is not limited to, students which are interested in pursuing their education in the biological sciences. Anatomy will be an in-depth study and require a lot of time and memorization on the student's part.

During the first semester students will be taking an in-depth look at the levels of organization of the human body. Topics which will be discussed include: anatomical terms, body cavities and planes, organic compounds, cellular differentiation, and tissue types. Second semester students will study several organ systems of the body. Students will identify specific structures, and gain an understanding of how structure is related to the function of the organ systems studied.

Chemistry

Grade: 10-12

1 unit credit

Prerequisites: Physical Science and Algebra I



Chemistry is a year physical science course that deals with matter and its changes. Both qualitative and quantitative aspects of these changes will be addressed. Some topics included for study are measurements, organization of matter, chemical reactions, gas laws, stoichiometry, organic reactions, acids bases and salts, and qualitative analysis.

The use of mathematics, particularly algebra, is extensive. **Chemistry is a required class for State Scholars curriculum completers.**

Physics

Grade: 12

1 unit credit

Prerequisite: Algebra II

Physics is a year physical science elective course that deals with relationships between matter and energy. The content of this course can be divided into the following major topics: Mechanics, Atomic and Nuclear Physics, Waves, and Electricity. There are several subtopics within each of these major topics. The use of mathematics is extensive. **Physics is a required class for State Scholars curriculum completers.**



Course Name	units of credit	grade level			
		9	10	11	12
Current Events	½	9	10	11	12
History through Film	½	9	10	11	12
Psychology	½		10	11	12
World Geography	½		10	11	12
World History*	1		10		
American History**	1			11	
Sociology	½			11	12
Economics	½			11	12
American Government***	½				12

World History

Grade: 10(Required)*

1 unit credit

World history is a required course for graduation since knowledge of the global village is so vital to young people of the 21st century. The social science Kansas assessment also includes the standards taught in world history. The course begins in the 1400s and 1500s with the Renaissance and Reformation, the Muslim Empires, the Japanese Shogunate, and the Chinese Ming dynasty. The course continues to the present day that includes a study of the Cold War, crisis in the Middle East, communist China, and democratic India. While history is the main emphasis, government, geography, and economics are woven into the entire course.



Current Events

Grade 9-12

 $\frac{1}{2}$ unit credit

Current Events can be taken for one semester or one year. Students will read magazines and newspapers. They will also watch taped news casts from the major television networks: ABC, CBS, NBC, CNN, Fox News. Occasional radio broadcasts may also be used. Historical background for events will be discussed. Students will be expected to respond to events in discussion, writings, and tests.

History through Film

Grades 9-12

 $\frac{1}{2}$ unit credit

History through Film is a one semester class in which students will evaluate the accuracy of popular historical movies by comparing the content to historical facts. This is a writing intensive class in which students will write essays while conducting research about movies and major topics in history to determine how accurate the movie portrays the historical event. Some movies could possibly be rated above PG-13, requiring a parent signature. The following films are examples of those that may be viewed: Grapes of Wrath, Flyboys, Schindler's List, Gandhi, Good Night and Good Luck, Across the Universe, Hotel Rwanda, Invictus, etc.

Psychology

Grade: 10-12

 $\frac{1}{2}$ unit credit

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

World Geography

Grade: 10-12

 $\frac{1}{2}$ unit credit

Geography is designed to help students understand reasons for and the ways humans have adapted or altered their physical environments. Students will define and analyze the concept "quality of life", taking into consideration the social and economic differences among people of the world and examine selected cultures, including religion, values, traditions, and institutions.

SOCIAL STUDIES

American History

Grade: 11(Required)** 1 unit credit

American History is the study of the growth of the United States from the Reconstruction Period of the Civil War to present time. The class will cover governmental growth both domestic and foreign, economical growth and policies that have influenced American society, and study of many individuals and groups who have shaped the American culture through time.

Sociology

Grade: 11, 12 ½ unit credit

Sociology is an introductory general survey class to familiarize students with the sociological perspective. Topics will include: The foundations of society, social inequality, social institutions & social change.

American Government

Grade: 12(Required)*** ½ unit credit

American Government is the study of the development of the United States governmental system. The class will cover the history of our system with an in-depth look at the Bill of Rights and the Constitution as they compare to other systems around the world. The class will also cover the U.S. system of checks and balances and the inter-workings of the three governmental branches. Students will also study the U.S. electoral system.

Economics

Grade: 11, 12 ½ unit credit

Economics is an introduction to the study of how individuals, families, business, and societies use limited resources to fulfill their unlimited wants. Students will learn the basics of capitalism and compare its structure to other economic systems found globally. Students will also study how choices we make daily have a global impact.

Other Program Options

	Course Name	units of credit	grade level		
			10	11	12
	Peer Tutoring	1			
	College/Vo-Tech Classes	0			

Peer Tutoring

Grade: 10, 11, 12 1 *unit* Credit

Peer Tutoring is a class where DWHS students will go to the Primary School in order to work with younger students who are experiencing difficulty. They will work with these students within the regular elementary school classroom setting. This class will give students the opportunity to enhance the skills necessary to be an effective peer tutor.

College/Vo-Tech Classes

Grade: 11-12

The districts have entered into an agreement with Highland Community College and Northeast Kansas Technical College for the purpose of allowing students to receive dual credit. With parent/guardian permission, juniors and seniors who can complete graduation requirements as prescribed by the board of education and that are considered a "student in good standing" are eligible to enroll in these classes.

Students must pass all courses the semester before attending the community college or the technical college and must sign an agreement that states the student must: maintain passing grades in all classes, not receive more than 3 discipline referrals, not be absent more than 6 days per semester, and for vo-tech, must ride the bus to and from NEKTC. Failure to abide by the agreement may result in the loss of the privilege of attending Highland Community College or Northeast Kansas Technical College.

OTHER PROGRAMS

4 YEAR PLAN

9 - FRESHMAN

Physical Education

Career/Life Planning

English I

Math

Science

10 - SOPHOMORE

English II

Science

World History

Math

Computer Apps

11 - JUNIOR

English III

American History

Math

Science

Fine Arts (may be taken in grade 9, 10, 11, or 12)

12 - SENIOR

English IV or College English

U.S. Government (1/2)

Social Studies (1/2)

Speech (1/2)

Senior Project (1/2)

