

## TO THE STUDENTS:

This curriculum handbook has been designed to help you make important decisions. It has been developed to provide you with an understanding and direction as you plan your next year(s) of study at Daniel Freeman High School.

Your first responsibility is to familiarize yourself with the contents of the handbook. Secondly, you should consult with your parents and plan a course of study for the next year. Finally, you may wish to confer with your counselor who will answer any questions concerning the registration process.

Ultimately, you must decide what is best for you. Take classes that best fit your career goals. Don't shy away from classes just because they may be more difficult and require more effort. Take courses that will help you improve areas in which you may be weak. Always keep in mind your graduation requirements, required courses, and post-secondary requirements.

Much time has gone into planning for your educational opportunities. I hope you make good use of these opportunities and carefully plan a successful course of studies for the coming year, and set a foundation for your educational future.

### **ANNUAL NOTICE OF NON-DISCRIMINATION PUBLIC NOTICE FREEMAN PUBLIC HIGH SCHOOL**

Students, their families, and potential employees of the Freeman Public High School are hereby notified that the Freeman Public High School does not discriminate on the basis of race, color, national origin, age, religion, marital status, sex, or disability in employment career and technology programs or activities as set forth in compliance with federal and state statutes and regulations. Any persons having inquiries concerning Freeman Public High School compliance with Title II, Title IV, Title VI, Title IX, and/or Section 504 may contact Mr. Randy Page, Superintendent, Freeman Public Schools, 415 8<sup>th</sup> Street, PO Box 259, Adams, NE 68301. Phone: (402) 988-2525. Email Address: [rpage@freemanschools.net](mailto:rpage@freemanschools.net)

Freeman Public High School offers the following career and technical education programs for all students regardless of race, color, national origin, age, religion, marital status, including those with limited English proficiency, sex, or disability: **Agriculture, Business, Information Technology**. Persons seeking further information concerning the career and technical education offerings and specific prerequisites should contact Jeremy Schroeder, Secondary Principal, Freeman Jr.-Sr. High School, 415 8<sup>th</sup> Street, PO Box 259, Adams, NE 68301. Phone: (402) 988-2525. Email Address: [jeremy.schroeder@freemanschools.net](mailto:jeremy.schroeder@freemanschools.net)

To obtain this information in a language other than English, call (402) 988-2525.

## **GENERAL INFORMATION**

### **Course Selection**

1. All students, unless previously arranged with the principal and counselor must be scheduled for at least seven (7) classes.
2. All students are encouraged to select a program of study that will be a challenge to their intellectual capacity, as well as preparing them for their chosen vocation.
3. All students are required to consult with their parents so a mutual understanding of needs will exist.
4. All students are encouraged to make full use of the school's facilities and to consult with their teachers and counselors.
5. All courses are coeducational.
6. It is the policy of Freeman High School to be in compliance with Title IX requirements. Enrollment of students into classes is not based on sex, race, or handicapped conditions.
7. Students who fail courses will have their educational plan reviewed by teachers, the counselor, and the principal to determine which courses will be repeated.
8. Some courses will not be offered if there is not sufficient interest and enrollment to justify them.

### **Course Registration Timeline**

1. Late January: Principal will meet with all students in each grade level (8-11) to review the registration process. Students complete registration forms, check credits towards graduation, and review the Curriculum Plan.
2. Mid-February: Registration forms must be signed by parents and returned to the principal. Course requests are compiled.
3. March: Counselor and administrators build the master schedule for the 2016-2017 school year.
4. April: Master schedule is complete. Schedules for the next school year are sent home with students in May.

### **Course Sequence and Prerequisites**

Students will be allowed to take courses in regular sequence only. This means you must have completed Algebra I before taking Geometry, etc. Listed with each course description are course prerequisites. Please check to make sure you have met these before including that course in your schedule.

### **Class Assignment**

As stated in the Student Handbook, you must have completed the following number of credit hours to be classified as a freshman, sophomore, junior, or senior.

Freshman	0-58
Sophomore	59-115
Junior	116-172
Senior	173+

## **Credit Hour**

Credit hour is a term used to determine grade level and whether you meet graduation requirements. A credit hour is a semester unit given for a course of study successfully completed. The majority of classroom academic classes that meet each day are 5 credit hours per semester. Some classes are less than 5 credit hours per semester. You should check the enclosed credit hour sheet to determine how many credit hours a particular course offers.

The following are the minimal graduation requirements for graduation from Freeman Senior High School as set by the Board of Education (in accordance with the Nebraska State Board of Education.)

Students need to earn 240 credit hours in order to be eligible to graduate – 200 semester hours must be academic. Of the 165 hours of required courses, the student must have earned the following hours in the 9-12 subject fields listed below:

English	- 45 semester hours, including 5 semester hours of Speech
Social Science	- 30 semester hours (World Cultures, Am. History and Am. Government required)
Mathematics	- 30 semester hours
Science	- 30 semester hours (Science 9 and Biology required)
Fine Arts	- 10 semester hours (Art, Instrumental Music, or Vocal Music)
Physical Ed.	- 10 semester hours
Practical Art	- 5 semester hours (Business or Agriculture)
Technology	- 5 semester hours
Career Readiness	- 5 semester hours
<u>Economics</u>	- <u>5 semester hours</u>
<b>Required Hours</b>	<b>- 175 semester hours</b>
<b>Elective Hours</b>	<b>- <u>65 semester hours</u></b>
<b>Total Hours</b>	<b>- 240 semester hours</b>

Freeman High School students will present evidence of 40 hours of volunteer service completed prior to receiving their diploma. This represents 10 hours of volunteer service for each year grades 9-12. Students transferring into Freeman High School will be expected to meet a proportional number of hours for the years they are enrolled.

Volunteer service is defined as “unpaid, volunteer time served.” Freeman high School will provide and maintain forms for the purpose of accounting.

## **Supplements to Educational Programs**

It is possible for students to supplement the previously mentioned program of study. Any student who wishes to utilize any of these opportunities should contact the counselor. Credits earned in any of the following programs are counted as credits towards graduation.

### **1. Drivers Education:**

Freeman Public Schools may offer Driver’s Education during the summer. It is described later in the book. The Driver’s Education credit will be included on the student’s first semester transcript.

### **2. Summer School:**

Students may wish to attend summer school programs elsewhere. Students should get permission from the counselor before enrolling. Summer school credits from other school districts may count as credit towards graduation.

Odysseyware is a computerized web-based program that may be used for credit recovery at the high school level. It may also be used for supplemental instruction and as an alternative to a class when conflicts arise in the schedule.

### **3. Career Academies**

Juniors and seniors who wish to participate in dual credit courses in business, health related professions, information technology, agriculture, education, or welding may sign up for courses in the career academies. One course per semester will be available to students. Southeast Community College covers half of the tuition costs. Freeman students will pay the high school for the other half of the tuition at the time of registration. Freeman will reimburse students for their half of the tuition cost if the student earns a “C” or better on the college grade of the course. See the counselor for more information.

#### 4. Distance Learning Classes:

Freeman High School students may take classes through the distance learning labs/carts available throughout the school. These classes may be taken through Network Nebraska, through Southeast Community College, or other avenues should they become available. Students must follow these guidelines.

A. Students must be a junior or senior or receive administrative approval. Students must meet all prerequisites in order to register for a distance learning class. In English, students must have a 20 or above on the English test on the ACT. For math classes, students must have a 20 or above test on the math test on the ACT. Note: Students may also meet the prerequisite by earning a similar score on the COMPASS Test, offered free of charge through SCC. See the counselor for details.

B. Students may take only two classes per semester and a total of eight classes during their junior and senior years. EXCEPTION: Upon administrative approval, a student may enroll in more than two classes per semester. *Because most college classes are offered on a MWF or TT schedule, students who choose to take two classes per semester may take them both during the same period during the school day.*

C. Students must complete the following forms: (a) a distance learning class application that includes teacher, administration, and parent permission, (b) a contract regarding behavior while taking distance learning classes. Both forms must be attached to your regular course registration form.

D. Students who take a distance learning class through SCC or another college MUST register to receive college credit. This applies to classes offered at Freeman High School or received from another site. Freeman Public Schools will NOT pay for tuition for a course offered for college credit.

E. Tuition for distance learning classes for college credit will be paid by the student prior to the semester the student begins the class. Students taking a class for college credit will also be responsible for any fees and for purchasing any required textbooks.

F. Students must sign up for a distance learning class during registration in the spring. Students must sign up with the principal. Semester 2 DL classes must be registered for before or during the S2 drop and add period.

G. Distance learning dual credit classes offered through Freeman High School (from SCC or another college) will be graded according to the Freeman grading scale and students will receive a grade. This grade WILL count towards their high school GPA and class rank if it is for high school credit. For distance learning classes offered from another school, the same rules will apply.

Note: DUAL CREDIT: Students will receive high school and college credit upon completion of classes taken for dual credit. Students will have the class listed on both their high school and college (SCC or other college) transcript. However, when a student enters a four year college, the grade earned from the distance learning class MAY NOT count towards his/her college GPA - transfer grades are typically not counted, on the credit earned (Unless a student completes his/her degree at SCC or another college).

H. Distance learning and online classes are a supplement to the offerings of Freeman High School. Students may take distance learning class ONLY if they have completed all Freeman classes in a particular area (or upon administrative approval). A complete list of distance learning courses is available in back of this booklet.

I. At this time, most distance learning classes from SCC are accepted at four-year colleges and universities in Nebraska (with the exception of Creighton University). You are encouraged to contact out-of-state universities regarding their policies.

#### Guidance Services

Scholarships	ACT Workshops	Four Year Plans	Financial Aid Night
Elementary Guidance	NWEA Assessments	Guest Speakers	College Visits
College Admission Counselors	ASVAB	PLAN (P ACT+)	PSAT/NMSQT

# PREPARE TO SUCCEED

## at the University of Nebraska-Lincoln

### Admission Requirements – UNL

Category	Units	Requirements
English	4 units	All units must include intensive reading and writing experience. Innovative interdisciplinary courses and courses in speech and journalism may be substituted if they include substantial amounts of reading and writing.
Math	4 units	Must include Algebra I, Geometry, and Algebra II, and one additional unit that builds on a knowledge of algebra (i.e. – Trig, Prob. & Stats)
Social Sciences	3 units	At least one unit of American and/or world history and one additional unit of history, American Government, and/or geography.
Natural Sciences	3 units	At least two units selected from biology, chemistry, physics, and earth sciences. One of the units must include laboratory instruction.
Foreign Language	2 units	Students who are unable to take two years of foreign language in high school may still qualify for admission. Such students will be required to take two semesters of foreign language at the University of Nebraska. These students are still required to complete 16 units of academic courses for admission.
Total Units	16	

### Performance Requirements

In addition to meeting the above core course requirements, students applying for admission to the University of Nebraska should

Be ranked in the upper one-half of their high school class

or

Have received an ACT composite score of 20 or higher

or

Have received an SAT total score of 950 or higher from the Verbal & Math sections

Students who do not meet the above requirements for assured admission should still apply for admissions. Each application will receive individual review for determination of potential for success at university-level work.

## ADMISSION REQUIREMENTS - NEBRASKA COLLEGES AND UNIVERSITIES

**University of Nebraska:** Kearney, Lincoln, Omaha

**State Colleges:** Chadron State, Peru State, Wayne State

**Private Universities:** Examples: Creighton, Dana, Nebraska Wesleyan, College of St. Mary

**Community Colleges:** Examples: Metro Tech Community College, Northeast CC, Southeast CC.

Subject # of Years	Freeman High	UNL	UNO UNK	State College	Private Uni.'s	Community Colleges
English	4.5	4	4	R - 4	R - 4	R - 3 to 4
Social Studies	3	3	3	R - 3	R - 3	R - 3
Math **	3	4	3	R - 3	R - 3 to 4	R - 2 to 3
Science	3	3	3	R - 3	R - 3	R - 2 to 3
Academic Elective	1 (One unit chosen from any of the above areas)					
For. Lang.		2	2	R - 1 to 2	R - 1 to 2	
Other Req's		Top ½ 20 ACT		H.S. Grad	ACT Score	H.S. Grad ASSET/COMPASS Test

\* R indicates "Recommended"

\*\* For College Admission, a typical math sequence will be Algebra I, Geometry, and Algebra II. (NOTE: UNL requires a 4th year of math **beyond** Geometry and Algebra II.)

## FOREIGN LANGUAGE REQUIREMENT- UNIVERSITY OF NEBRASKA-LINCOLN

The following degree programs require the equivalent of 4 years of foreign language in the same language.

**Note:** Majors with an "\*" indicate students need to prepare for 300 level language courses which are higher level than 4th year HS language courses.

### COLLEGE OF ARTS & SCIENCES

Actuarial Science	Anthropology	Biochemistry	Biological Sciences
Chemistry	Classical Languages	Classics & Religious Studies	Communication Studies
Computer Science	Economics	English	Environmental Studies
Film Studies	French*	Geography	Geology
German*	Global Studies*	Great Plains Studies	History
Latin American Studies*	Mathematics	Medieval & Renaissance Studies	Philosophy
Meteorology-Climatology	Philosophy	Physics	Political Science
Psychology	Russian*	Sociology	Spanish*
Speech & Language Pathology and Audiology		Women's & Gender Studies	

**College of Arts & Sciences requires 4 years HS language**

**Teachers College requires 2 years HS language**

### HIXSON-LIED COLLEGE OF FINE & PERFORMING ARTS

- Art—Bachelor of Arts Option Only
- Art History—Bachelor of Arts Option Only
- Dance—Bachelor of Arts Option Only
- Music—Bachelor of Arts Option Only
- Theatre Arts—Bachelor of Arts Option Only

### COLLEGE OF JOURNALISM & MASS COMMUNICATIONS

Advertising      Broadcasting      News-Editorial

### EDUCATION & HUMAN SCIENCES

French 7-12      German 7-12      Latin 7-12      Russian 7-12      Spanish 7-12

## LIST OF COURSES OFFERED

The following are the course offerings at Freeman High School. The courses are sorted by department.

DEPARTMENT	TITLE	GRADE	LENGTH
<b>English/Lang. Arts</b>	English 9	9, 10, 11, 12	Year
	English 10	10, 11, 12	Year
	English 11	11, 12	Year
	English 12	12	Year
	Speech I	9, 10, 11, 12	Sem
	Advanced Speech	9, 10, 11, 12	Sem 2
	Journalism/Yearbook	11, 12	Year
<b>Foreign Language</b>	Spanish I	9, 10, 11, 12	Year
	Spanish II	10, 11, 12	Year
	Spanish III	11, 12	Year
	Spanish IV	12	Year
<b>Mathematics</b>	Technical Math	9, 10, 11, 12	Year
	Extend Algebra	9, 10, 11, 12	Year
	Extend Algebra Yr. 2	10, 11, 12	Year
	Algebra I	8, 9, 10, 11, 12	Year
	Geometry	9, 10, 11, 12	Year
	Standards Math	11, 12	Year
	Algebra II	10, 11, 12	Year
	Trigonometry	11, 12	Year
	Prob. and Stats.	11, 12	Year
	Calculus	12	Year
<b>Science</b>	Science 9 (Physical)	9, 10, 11, 12	Year
	Biology	10, 11, 12	Year
	Chemistry	11, 12	Year
	Anatomy/Physiology	11, 12	Year
	Physics	11, 12	Year
	Weather/Climate	11, 12	Sem
	Forensic Science	11, 12	Sem
<b>Social Studies</b>	World Cultures	9, 10, 11, 12	Year
	American History	10, 11, 12	Year
	Amer. Govt. / Civics	12	Year
	Psychology	11, 12	Sem
	Sociology	11, 12	Sem
	Modern Problems	11, 12	Sem
	Facing History	11, 12	Sem
<b>Physical Education</b>	P.E. 9	9, 10, 11, 12	Year
	Health (w/ PE 9)	9, 10, 11, 12	Year
	Strength Training	10, 11, 12	Year



<b>Fine Arts</b>	Concert Choir	9, 10, 11, 12	Year
	Instrumental Music	9, 10, 11, 12	Year
	Music Theory	9, 10, 11, 12	Year
	Jazz Ensemble	9, 10, 11, 12	Year
	Show Choir	9, 10, 11, 12	Year
	Art I	9, 10, 11, 12	Year
	Art II	10, 11, 12	Year
	Art III	10, 11, 12	Year
	Art IV	12	Year
<b>Practical Arts</b>	Intro to FFA & SAE	9, 10, 11, 12	Sem
	Plant Science	10, 11, 12	Sem 1
	Nursery and Landscaping	10, 11, 12	Sem 2
	Leadership & Ethics in Ag	9, 10, 11, 12	Sem
	Animal Science	10, 11, 12	Sem 1
	Large Animal Management	10, 11, 12	Sem 2
	Ag Structural Systems	9, 10, 11, 12	Sem
	Welding	9, 10, 11, 12	Sem 1
	Metals & Fabrication	9, 10, 11, 12	Sem 2
	Wildlife Management	9, 10, 11, 12	Sem 2
	Natural Resources	10, 11, 12	Sem 1
	Ag. Independent Study	9, 10, 11, 12	Sem with permission
	Intro to Business	9, 10, 11, 12	Sem
	Personal Finance	9, 10, 11, 12	Sem
	Marketing	10, 11, 12	Sem
	Economics	11, 12	Sem
	Business Management	9, 10, 11, 12	Sem
	Accounting	10, 11, 12	Year
	Business Law	9, 10, 11, 12	Sem
	Career Readiness	11, 12	Sem
	Information Technology I	9, 10, 11, 12	Sem
	Information Technology II	9, 10, 11, 12	Sem
	Digital Design	9, 10, 11, 12	Sem
Digital Media	9, 10, 11, 12	Sem	
Web Design	10, 11, 12	Sem	
<b>Miscellaneous Electives</b>	Driver's Education	9, 10, 11, 12	Summer
	Student Aide	11, 12	Sem
	Photojournalism	10, 11, 12	Sem
	Creative Writing	11, 12	Sem
	Modern Literature	11, 12	Sem

## **COURSE DESCRIPTION**

### **ENGLISH/LANGUAGE ARTS**

Grade: 9, 10, 11, 12

Credits: 5 per semester

English 9 is an integrated class focusing on the study of short stories, poetry, drama, and the novel emphasizing the structure and elements of fiction. Basic writing concepts of structure and conventions are introduced and reinforced. The writing focus is on compositions in response to the literature and persuasive writing. Small research projects may also be included. Reading, critical thinking, and vocabulary skills are integrated throughout the course.

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**Course Title: English 9**

Duration: Two semesters

Prerequisites: None

### **ENGLISH/LANGUAGE ARTS**

Grade: 10, 11, 12

Credits: 5 per semester

English 10 is a survey course of various world authors. In addition to the literature, composition is also stressed in this course. Special units include the study of short stories, poetry, and novels. A Shakespearean play is also studied. Writings are related to literature studied in the class and persuasive writings. Writing concepts of evaluation, revision, proofreading, and editing will be reinforced. Forms of writing examined may include journalistic, persuasive, comparison, and research. Research writing will include a paper using MLA style on a topic related to the novel being studied at that time.

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**Course Title: English 10**

Duration: Two semesters

Prerequisites: English 9

### **ENGLISH/LANGUAGE ARTS**

Grade: 11, 12

Credits: 5 per semester

English 11 is a survey course which explores the major influence of historical conditions on American authors and their works. Major types of literature from America's beginning to the present are reviewed for theme, method, and style. Major writing is required for analysis of literary works and meeting the persuasive writing requirement for state standards. Independent reading of fiction/non-fiction is required each quarter.

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**Course Title: English 11**

Duration: Two semesters

Prerequisites: English 9, English 10

### **ENGLISH/LANGUAGE ARTS**

Grade: 12

Credits: 5 per semester

English 12 has a dual focus. An overview of British literature is included. Narrative poems, Shakespearean drama, short stories, and novels with the study of the Old English and modern writings of England will be examined. Reading and analyzing non-fiction/fiction books is a quarterly requirement. Writing compositions for various purposes is the second goal of the class. Developing and improving expository, persuasive, narrative, literary, and creating writing is part of the course. Advanced writing projects receive much focus, including essays and a comprehensive research paper using APA style. This is an excellent class for those students planning to attend any post-secondary institution.

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**Course Title: English 12**

Duration: Two semesters

Prerequisites: Eng. 9, 10, 11

### **ENGLISH/LANGUAGE ARTS**

Grade: 9, 10, 11, 12

Credits: 5 per semester

Speech I is a one semester class in which students develop skills of effective communication in preparation for public speaking. Topics covered in the course include the elements of communication, interpersonal communication, and public speaking. Students will participate in research, documentation, and presentation techniques. Meeting the speaking standard for the state assessment is a requirement.

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**Course Title: Speech I**

Duration: One semester

Prerequisites: None

### **ENGLISH/LANGUAGE ARTS**

Grade: 9, 10, 11, 12

Credits: 5 per semester

This class is open to students who have already taken Speech I and are/will be part of the Freeman High School Speech Team. Advanced Speech is designed for students interested in advanced writing, speaking, and dramatic projects. The class will focus on individual research projects, speeches, and drama activities. Students are expected to participate in sanctioned speech contests and events deemed necessary by the instructor. There is a limit of 15 students. This class may be taken as an independent study class if there is a scheduling conflict.

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**Course Title: Advanced Speech**

Duration: One semester

Prerequisites: Speech I



ENGLISH/LANGUAGE ARTS ELECTIVE

Grades: 11, 12

Credits: 5 per semester

The primary purpose of this class is the production of the yearbook. Skills in photography, writing, and computer use are important as students plan and prepare layouts for publication. Some work is required after graduation so that end of the year activities may be included. Class size is limited. This class does NOT substitute for any English 9-12 class.

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**Course Title: Journalism/Yearbook**

Duration: Two Semesters

Prerequisite: Teacher Signature

FOREIGN LANGUAGE

Grades: 9, 10, 11, 12

Credits: 5 per semester

Spanish I is a basic course for students to begin communicating in Spanish. We will focus on gaining a basic understanding of the Spanish language and the people who speak it through listening, speaking, reading, and writing activities as well as learning about Hispanic culture. In this section, students will learn how to describe themselves with basic details and communicate with their peers in familiar, everyday situations using simple, common vocabulary.

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**Course Title: Spanish I**

Duration: Two semesters

Prerequisites: None

FOREIGN LANGUAGE

Grades: 10, 11, 12

Credits: 5 per semester

Spanish II continues to build on the skills introduced in Spanish I. Students will continue to acquire vocabulary and improve the four communication skills – reading, writing, listening, and speaking. In this section, students will learn how to describe what activities they do on a regular basis and how to communicate with others in familiar situations such as traveling, shopping in the market, ordering in a restaurant and discussing healthy habits using basic vocabulary. Students will also be able to talk about events in the present and past tenses.

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**Course Title: Spanish II**

Duration: Two semester

Prerequisites: Spanish I

FOREIGN LANGUAGE

Grades: 11, 12

Credits: 5 per semester

Spanish III is a continuation of Spanish II. Students will use all four communication skills – reading, writing, listening, and speaking – with an emphasis on speaking and writing. In this section, students will learn how to describe what activities they do in the past, present, and future. They will also learn how to communicate with others in familiar and unfamiliar situations such as going on vacations, asking for directions, discussing college and career plans, and discussing current events using a variety of vocabulary and advanced syntax.

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**Course Title: Spanish III**

Duration: Two semesters

Prerequisites: Spanish II

FOREIGN LANGUAGE

Grade: 12

Credits: 5 per semester

In Spanish IV we will focus on gaining a deeper understanding of the Spanish language and the people who speak it through listening, speaking, reading, and writing activities as well as learning more about Hispanic culture. Literature study and communication will be heavily emphasized and the class will be taught predominantly in Spanish. Students will focus on communicating in familiar and unfamiliar situations with a variety of vocabulary and will study simple and complex structures in grammar.

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**Course Title: Spanish IV**

Duration: Two Semesters

Prerequisites: Spanish III

MATHEMATICS

Grades: 9, 10, 11, 12

Credits: 5 per semester

This class focuses on carrying out arithmetic operations, solving problems, drawing and reading graphs, estimating, and developing measurement skills. Lifetime math skills are emphasized. Algebra, geometry, data handling, and simple probability and statistic concepts are used. **This course is not available to students who have already taken and passed Algebra I.**

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**Course Title: Technical Math**

Duration: Two semesters

Prerequisites: None

**MATHEMATICS**

Grades: 8, 9, 10, 11, 12  
Credits: 5 per semester

Algebra I is the study of patterns and how they relate to real situations. Students will develop their use of math by understanding the use of variables in addition, multiplication, subtraction, and division. Students learn to describe the world around them with algebraic expressions, equations, and graphs. Applications and calculators provide a context for the language of algebra.

**Course Title: Algebra I**

Duration: Two semesters  
Prerequisites: None

**MATHEMATICS**

Grades: 9, 10, 11, 12  
Credits: 5 per semester

Geometry is the study of spatial relations and properties of the shapes in our surroundings. The students will be able to construct lines, triangles, circles, and 3-D objects. Construction technology will be used to visualize many concepts. Students will know and be able to use mathematical proofs and justifications. Transforming and drawing will be practiced throughout the year. Practical uses of geometry will also be examined. Area, volume, and perimeters of objects will be studied as well.

**Course Title: Geometry**

Duration: Two semesters  
Prerequisites: Algebra I

**MATHEMATICS**

Grades: 11, 12  
Credits: 5 per semester

This is a 3rd year math class offered as an alternative to Algebra II. It is a review and expansion of math concepts students are exposed to in Algebra I and Geometry and relates closely to the NeSA Math assessment standards. It does count as a third year of math for high school graduation, but it is NOT an NCAA Clearinghouse math class, and does not count towards the four years of math required by many colleges and universities. Before signing up for this class, please check with the principal or guidance counselor to see if this class is appropriate for your future plans. This class is open to juniors and others as permitted by the principal. *Placement in this class is by permission only.*

**Course Title: Standards Math**

Duration: Two semesters  
Prerequisites: Algebra I & Geometry

**MATHEMATICS**

Grades: 10, 11, 12  
Credits: 5 per semester

The course covers equations, linear relations and functions, systems of equations, matrices, polynomial expressions and functions, irrational and complex number, quadratic relations and functions, and sequences and series. It contains the math that colleges and universities expect and details the applications and connections with the real world and algebra's relevance in society.

**Course Title: Algebra II**

Duration: Two semesters  
Prerequisites: Algebra I & Geometry

**MATHEMATICS**

Grades: 11, 12  
Credits: 5 per semester

This course is designed for students as a preparation for calculus. Students will study analytic trigonometry, complex numbers, exponential and logarithmic functions, and analytic geometry. Graphing calculators are used.

**Course Title: Trigonometry**

Duration: Two semesters  
Prerequisites: Algebra I, Geometry, & Algebra II

**MATHEMATICS**

Grades: 11, 12  
Credits: 5 per semester

Geared for the college prep student, the ultimate goal of the class is to help students understand statistics and research studies. This class is important for those interested in going into research fields such as medicine, education, etc. Collecting, representing, processing, and interpreting data are of major importance to our changing society and will be emphasized in this class. (i.e. – Is a graph or a chart in the newspaper accurately representing what the writer says it does? Why does one study say we shouldn't eat bacon and another say it's okay?) This class makes extensive use of computers, as students will design spreadsheets to compute complex formulas for them.

**Course Title: Probability and Statistics**

Duration: Two semesters  
Prerequisites: Algebra I & Algebra II

**MATHEMATICS**

Grades: 12  
Credits: 5 per semester

Students cover trigonometry functions and the uses of limits. Basic differentiations and integration is covered. With those two basic concepts, students examine area, volume, growth and decay, and profit. Real world applications are also studied. Graphing calculators are used in this class, as well as computers.

**Course Title: Calculus**

Duration: Two semesters  
Prerequisites: Trigonometry or currently taking Trig.

SCIENCE

Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Science 9 (Physical Science)**

Duration: Two semesters  
Prerequisites: None

Physical Science is the study of matter. Students will investigate matter as small atoms and matter grouped into areas as large as the universe. Many laws and theories will be studied in a classroom setting and in lab settings. Labs will cover such topics as gravity, electricity, weather, energy, and chemistry. Many of these topics will be used and discovered as they relate to the structure and inner workings of Earth.

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SCIENCE

Grades: 10, 11, 12  
Credits: 5 per semester

**Course Title: Biology**

Duration: Two semesters  
Prerequisites: Science 9

Biology is the study of life. It is concerned with all the knowledge of living things that have come to us from the past and the logical, scientific method by which biologists today are adding to that knowledge. The course helps students to learn more about how they and other living things interact in an attempt to help improve conditions on Earth. Topics covered will include plants, animals, cells, heredity, and the environment.

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SCIENCE

Grades: 11, 12  
Credits: 5 per semester

**Course Title: Chemistry**

Duration: Two semesters  
Prerequisites: Algebra I      Co-requisite: Algebra II

This course is the complete study of matter and the properties of matter that make up the world. Students will study the uses of chemistry in industry and in their everyday lives. They will also study measuring and calculating skills, atomic structure, the periodic chart, elements, and chemical formulas and equations. Students will also learn about chemical reactions; lab and safety procedures; chemical bonding; properties of gases, liquids, and solids; and many other calculation and concepts related to the field of chemistry. Students should be proficient in note taking and the use of algebra for calculation purposes.

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SCIENCE

Grades: 11, 12  
Credits: 5 per semester

**Course Title: Anatomy/Physiology**

Duration: Two Semesters  
Prerequisites: Science 9, Biology I

Anatomy/Physiology is a college prep course for any student who wants to gain a greater understanding of the human body. It is especially beneficial for students who want to pursue health related careers. This course allows the student to study the structure and function of the several body systems in detail. Students must pass semester one to take the second semester of this course.

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SCIENCE

Grades: 11, 12  
Credits: 5 per semester

**Course Title: Physics**

Duration: Two semesters  
Prerequisites: Algebra, Biology, Geometry

Physics is the study of nature in relation to forces, matter, and energy. Students look closely at the forces that impact motion such as velocity, acceleration, and trajectory. Students may also study simple machines, electricity, magnetism, light, and sound. They may investigate, measure, and calculate real-world examples or apply their knowledge through virtual simulations. A strong background in Algebra is required and some Trigonometry knowledge is helpful.

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SCIENCE

Grades: 11, 12  
Credits: 5 per semester

**Course Name: Weather & Climate**

Duration: One semester  
Prerequisites: Biology I

This course focuses on some of the topics covered in Science 9, but in much greater depth. Major topics include precipitation, tornadoes, hurricanes, storm chasing, weather instruments, weather forecasting, air pressure, and fronts. Students will conduct hands-on experiments, and create a weather forecast.

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**SCIENCE**

Grades: 11, 12

Credits: 5 per semester

This course focuses on the many disciplines of science and how they work together using the Scientific Method to collect and analyze evidence left at crime scenes. Students will have the opportunity to study chemistry, zoology, anatomy, genetics, physics, medicine, mathematics, sociology, psychology, communications, and the law while applying the Scientific Method in order to solve problems.

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**Course Name: Forensic Science**

Duration: One semester

Prerequisites: Biology I

**SOCIAL STUDIES**

Grade: 9, 10, 11, 12

Credits: 5 per semester

This course is a study into the beginning of the world and its people. From Evolution to Industrialization, the emphasis will be on the development and an appreciation of the world's roots. Classic civilization and empires, world religions, exploration, and European history will also be studied.

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**Course Title: World Cultures**

Duration: Two semesters

Prerequisites: None

**SOCIAL STUDIES**

Grade: 10, 11, 12

Credits: 5 per semester

This is the chronological study of past events, people, and concepts which have shaped our American society. It begins with the American Civil War and continues to current history. It is the study of our heritage, our freedoms, and the people who shaped the U.S. The course provides a critical and in-depth look at major events in history and an evaluation of those events by examination of evidence, determining facts, and reaching conclusions. Special areas of focus include the Civil War, the 20th century, the World Wars, and America's role as a world leader today.

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**Course Title: American History**

Duration: Two semesters

Prerequisites: None

**SOCIAL STUDIES**

Grade: 12

Credits: 5 per semester

This course will assist students in understanding their civic responsibilities with a balanced approach that focuses on the principles of government, active citizenship, and responsive economic participation.

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**Course Title: American Government/Civics**

Duration: Two semesters

Prerequisites: None

**SOCIAL STUDIES**

Grade: 11, 12

Credits: 5 per semester

Psychology is the study of human behavior and mental processes. Students learn major concepts and theories of psychology and the basic skills in psychological research. The course also deals with the human cycles of life, the growth and development of human cycles of life, the growth and development of the physical body, the mental and emotional state of the mind, and how and why a person learns what he or she learns. It also deals with reasons and causes for abnormal behavior and mental and emotional problems. The course then deals with ways we can improve the quality of life and interact with others in a positive manner.

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**Course Title: Psychology**

Duration: One semester

Prerequisites: None

**SOCIAL STUDIES**

Grade: 11, 12

Credits: 5 per semester

Sociology is a way of trying to understand human behavior. This involves the study of how people interact with other people; with their social institutions and how societies are organized. Class expectations will include readings, discussions, and research into the different topic areas.

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**Course Title: Sociology**

Duration: One semester

Prerequisites: None

**SOCIAL STUDIES**

Grades: 11, 12

Credits: 5 per semester

This course is simply an examination of local, state, national, and international issues that impact us on a daily basis. The emphasis on this class will not be so much on what has occurred, but instead on the HOW and WHY it has occurred and HOW it impacts our lives on a daily basis.

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**Course Description: Modern Problems**

Duration: One semester

Prerequisites: None

**SOCIAL STUDIES**

Grades: 11, 12

Credits: 5 per semester

This course will take an in-depth look at various historical events. Students will closely analyze the events of World War II with particular emphasis placed on the study of leaders, weapons, tactics, battles, and the events of the Holocaust. Students will complete a culminating project based on research on a historical topic of their choice. This class MAY include a trip to Washington, D.C., but it is not guaranteed and is not a requirement of the course.

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**Course Title: Facing History**

Duration: One Semester

Prerequisites: None

**PHYSICAL EDUCATION**

Grades: 9, 10, 11, 12

Credits: 4 per semester

This course meets four days per week. Students will learn activities that may be used for recreational purposes after high school. Lifetime sports may include Frisbee golf, bowling, pickle ball, tennis, golf, and basic archery. Introduction to weight training and fitness will be part of this class.

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**Course Title: P.E. 9**

Duration: Two semesters

Prerequisites: None

**PHYSICAL EDUCATION**

Grades: 9, 10, 11, 12

Credits: 1 per semester

This course meets one day a week and is offered in conjunction with P.E. 9. Health issues will focus on personal health so that students may live higher quality lives. Students will be taught to strive to be physically fit, well nourished, and mentally healthy. They will gain practical knowledge to help them attain these goals during their lifetime.

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**Course Title: Health**

Duration: Two semesters

Prerequisites: None

**PHYSICAL EDUCATION**

Grades: 10, 11, 12

Credits: 5 per semester

This course will focus on the elements and principles of physical fitness and body development. Students will be placed on a monitored program focused on body development/improvement. Classroom instruction will be devoted to learning proper lifting form and safety practices.

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**Course Title: Strength Training**

Duration: Two semesters

Prerequisites: P.E. & Health

**FINE ARTS**

Grades: 9, 10, 11, 12

Credits: 3 per semester

Concert Choir is open to all students in grades 9-12 who have a desire to experience choral music. Emphasis will be placed on vocal technique, choral ensemble skills, and the enjoyment of singing and performance. Students will sing a variety of music from serious choral literature to popular music. Students will participate in several concerts and contests during the school year. Registered students are expected to participate in all required activities including evening performances. Class meets on Monday, Wednesday, and Friday. There are opportunities to sing in various honor choirs, small groups, and solo.

---

**Course Title: Concert Choir**

Duration: Two semesters

Prerequisites: None

**FINE ARTS**

Grades: 9, 10, 11, 12

Credits: 5 per semester

Instrumental Music is open to all students grade 9-12, representing our school at various contests, concerts, clinics, athletic events, and other activities. There are opportunities to play in various Honor Bands and solo and small ensembles. Many required performances are in the evenings. Others are during the day and on Saturdays. All members are required to attend all assigned athletic events for Pep Band purposes. Students who register are expected to participate in all required activities, including evening performances.

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**Course Title: Instrumental Music**

Duration: Two semesters

Prerequisites: None

**FINE ARTS**

Grades: 9, 10, 11, 12

Credits: 5 per semester

Music Theory is open to all students who have a desire to learn about how music is constructed and theories used. Students will learn to construct scales, chords, and key signatures, as well as songs. Depending on the advancement of the class, some arranging for band or choir may be explored.

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**Course Title: Music Theory/Composition**

Duration: Two semesters

Prerequisites: Students should be enrolled in band or choir



FINE ARTS

Grades: 9, 10, 11, 12

Credits: None – part of band credits

Jazz Ensemble is open to all students who have a desire to experience and perform jazz music for concerts, contests, and other community/nearby events. This class will meet on Tuesdays during IAP. Standard instrumentation is saxophones, trumpets, trombones, trap drums, keyboard/piano, and guitars.

**Course Title: Jazz Ensemble**

Duration: Two semesters

Prerequisites: Students must be enrolled in band

FINE ARTS

Grades: 9, 10, 11, 12

Credits: None – part of Concert Choir

Show choir is open to all students who have a desire to dance and sing in performance. Pop music will be performed at concerts, contests, and other community/nearby events. Size of group will depend on the balance of voices.

**Course Title: Show Choir**

Duration: Two semesters

FINE ARTS

Grades: 9, 10, 11, 12

Credits: 5 per semester

*Drawing, Watercolor, and 3-Dimensional Design:* This class concentrates on elements and principles of design and how they are used in correlation with various medias. Drawing and watercolor each last one quarter and focus on techniques. 3-D Design covers the areas of ceramic and sculpture and lasts one semester. A sketchbook is required.

**Course Title: Art I**

Duration: Two semesters

Prerequisites: None

FINE ARTS

Grades: 10, 11, 12

Credits: 5 per semester

*Graphic Design:* The main emphasis is to experience and acquire advanced drawing fundamentals that would make a career possible in Commercial Art. Students will experience all medias and techniques, while developing creativity and craftsmanship skills.

**Course Title: Art II**

Duration: Two semesters

Prerequisites: Art I

FINE ARTS

Grades: 10, 11, 12

Credits: 5 per semester

*Oil/Acrylic & Advanced Drawing:* Oil and Acrylics is taught during one semester and focuses on techniques, composition, and color. Advanced Drawing is taught during the other semester and utilizes the drawing skills learned in Art I and challenges students with complicated and advanced assignments.

**Course Title: Art III**

Duration: Two semesters

Prerequisites: Art I

FINE ARTS

Grades: 12

Credits: 5 per semester

The main emphasis of Art IV is to expand the creative thinking process by focusing on thematic compositions and experimentation of new processes.

**Course Title: Art IV**

Duration: Two semesters

Prerequisites: Art I, Art II, Art III

PRACTICAL ARTS

Grades: 9, 10, 11, 12

Credits: 5 per semester

The introductory course for the Agriculture, Food and Natural Resources Career Cluster provides a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation in knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

**Course Title: Introduction to FFA & SAE**

Duration: One semester

Prerequisites: None

PRACTICAL ARTS

Grades: 10, 11, 12

Credits: 5 per semester

This course focuses on plant anatomy, plant classification, plant reproduction, soil management, and pest management. Classroom and laboratory activities are implemented throughout the class to practice hands-on skill development. *NOTE: This class may be counted towards science credits at Freeman High School upon administrative approval during registration.*

**Course Title: Plant Science**

Duration: One semester

Prerequisites: Limited to 15 students

PRACTICAL ARTS  
Grades: 9, 10, 11,12  
Credits: 5 per semester

**Course Title: Nursery and Landscape**  
Duration: One Semester  
Prerequisites: Plant Science (Limited to 15 students)

This course focuses on plant identification, landscape design principles, landscape calculations, and the installment and maintenance of landscape plants. Students get to practice landscape design practices through the development of a landscape plan. Classroom and laboratory activities are implemented throughout the class to practice hands-on skill development.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Leadership & Ethics in Ag.**  
Duration: One Semester  
Prerequisites: None

This course focused on personal leadership, team development, and service development. Topics discussed include strengths discovery and development, time management, conflict resolution, leadership philosophy, motivation, and goal setting, among others. Classroom activities are implemented throughout the class to practice hands-on skill development.

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PRACTICAL ARTS/SCIENCE  
Grades: 10, 11, 12  
Credits: 5 per semester

**Course Title: Animal Science**  
Duration: One semester  
Prerequisites: None

This course focuses on animal anatomy and physiology, livestock uses and terminology, feeds, nutrition, digestion, reproduction, and principles of genetics. Classroom activities are implemented throughout the class to practice hands-on skill development. *NOTE: This class may be counted towards science credits at Freeman High School upon administrative approval during registration.*

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PRACTICAL ARTS  
Grades: 10, 11, 12  
Credits: 5 per semester

**Course Title: Large Animal Management**  
Duration: One semester  
Prerequisites: Animal Science

This course focuses on breed identification, feeding, management, housing, and disease prevention and management of beef, dairy, sheep, goat, swine, and poultry livestock species. Classroom activities are implemented throughout the class to practice hands-on skill development.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Ag Structural Systems**  
Duration: One semester  
Prerequisites: None

This course focuses on safety in the shop, blueprint development, tool demonstrations, and skill development. Students will apply skills learned through the development of projects in the shop

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Welding**  
Duration: One Semester  
Prerequisites: None

This course focuses on safety in the shop, operations and the processes of oxyacetylene welding, arc welding, and wire welding. Students will demonstrate skills by passing the required welds for the class by the end of the semester.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Metals and Fabrication**  
Duration: One Semester  
Prerequisites: Welding

This course is the follow up course to Welding and focuses on completing more advanced oxyacetylene welding, arc welding, and wire welding welds. Students will demonstrate skills by passing the required welds for the class by the end of the semester.

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PRACTICAL ARTS  
Grades: 10, 11, 12  
Credits: 5 per semester

**Course Title: Natural Resources**  
Duration: One Semester  
Prerequisites: None

This course focuses on all of the natural resources, their history, legislation, issues, and agencies that deal with natural resources. Units on forestry, water, soil, air, and fossil fuels are discussed. Classroom activities provide hands-on skill development opportunities.

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PRACTICAL ARTS  
Grades: 10, 11,12  
Credits: 5 per semester

**Course Title: Wildlife Management**  
Duration: One Semester  
Prerequisites: None

This course focuses on ecosystems, wildlife terminology, human impact on wildlife, legislation affecting wildlife populations, and identification of different wildlife species. Classroom activities provide hands-on skill development opportunities.

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PRACTICAL ARTS  
Grades: 9,10,11,12  
Credits: 5 per semester

**Course Title: Ag. Independent Study**  
Duration: One Semester  
Prerequisites: Permission of the instructor.

This class is for students who have a specific interest in the area of agriculture and would like to explore this area in greater depth. The student will set goals to achieve during the course of the semester and is accountable for achieving those goals. This class is for students who can demonstrate independence in achieving their goals and must be administrator and teacher-approved for each student who wishes to take this class.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Intro to Business**  
Duration: One semester  
Prerequisites: None

This course offers an introductory overview of the Business, Marketing, and Management Career Field. Units of study include economic systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.

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PRACTICAL ARTS/MATH  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Personal Finance**  
Duration: One Semester  
Prerequisites: None

The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management, budgeting, financial goal attainment, use of credit, insurance, investments, and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum. *NOTE: This class may be counted towards math credits at Freeman High School upon administrative approval during registration.*

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PRACTICAL ARTS  
Grade: 10, 11, 12  
Credits: 5 per semester

**Course Title: Marketing**  
Duration: One semester  
Prerequisites: Intro to Business

Students will explore the basic functions of marketing: pricing, promotion, product planning, and place/distribution. The curriculum provides the foundational skills and knowledge in economics, communications skills/interpersonal skills, and professional career development, business, management, and entrepreneurship. Application of academic concepts and technology are integrated throughout the curriculum.

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PRACTICAL ARTS  
Grade: 11, 12  
Credits: 5 per semester

**Course Title: Economics**  
Duration: One semester  
Prerequisites: None

This course emphasizes the basic concept of economics. It addresses how a nation goes about using its scarce resources to satisfy human needs and wants. Students will investigate how markets work and understand the basic laws of supply and demand and how they apply to markets.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Business Management**

Duration: One semester  
Prerequisites: None

This course emphasizes the basic concepts of management and leadership within a business organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization. They will also acquire essential skills in the areas of emotional intelligence: time management, stress management, professional growth and development, communication, and relationship skills.

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PRACTICAL ARTS  
Grades: 11, 12  
Credits: 5 per semester

**Course Title: Accounting**

Duration: Two semesters  
Prerequisites: None

This course covers sole proprietorship accounting principles involved in preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to the basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Business Law**

Duration: One Semester  
Prerequisites: Intro to Business

This course is designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens. Key concepts include contracts and torts, the role of courts, litigation, and constitutional issues including civil and criminal law.

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PRACTICAL ARTS  
Grades: 11, 12  
Credits: 5 per semester

**Course Title: Career Readiness**

Duration: One Semester  
Prerequisites: None

Students learn and apply the career and college planning process using the Nebraska Career Education Model and related resources. Students will identify personal interests, skills, values, and then apply this knowledge to both academic and career decision making. Students will demonstrate progress/proficiency in Nebraska Career Readiness Standards of Practice which are current expectations in today's workplace. Students will activate the planning process by setting goals, developing and implementing a Personal Learning Plan, for effective transition from high school to most appropriate secondary education based on knowledge of self, career goal and financial considerations.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Information Technology I**

Duration: One semester  
Prerequisites: None

Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

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PRACTICAL ARTS  
Grades: 10, 11, 12  
Credits: 5 per semester

**Course Title: Information Technology II**

Duration: One semester  
Prerequisites: Info Tech I

This course will focus on skill development in advanced spreadsheet, database, integration of applications utilizing advanced features, and exploring web technologies. Skills, standards, and coursework align with industry certifications.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

**Course Title: Digital Design**

Duration: One Semester  
Prerequisites: None

This course will introduce students to the technical tools and processes used in digital design. Students will be introduced to the design process model which includes typography, color, and imagery. In addition, design software will be utilized to create graphics, animation, web pages, and video. Students will demonstrate proper use of fair use guidelines. Career opportunities in digital design will be explored.

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PRACTICAL ARTS  
Grades: 9, 10, 11, 12  
Credits: 5 per semester

Students will create, design, and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, and web processes.

**Course Title: Digital Media**

Duration: One semester  
Prerequisites: Digital Design

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PRACTICAL ARTS  
Grades: 10, 11, 12  
Credits: 5 per semester

**Course Title: Web Design**

Duration: One Semester  
Prerequisites: Digital Media and Digital Design OR  
Info Tech I and Info Tech II

Students will demonstrate knowledge of web design and languages, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management.

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ELECTIVE  
Grades: 9, 10, 11, 12  
Credits: 5

**Course Title: Driver's Education**

Duration: Summer - 54 Hours (minimum)  
Prerequisites: Age 14 on or before Oct. 15, 2017

This course deals with the basic driving and safe operation of a motor vehicle. The class emphasizes safe operation and the forming of safe driving habits. Driving will start with basic handling to in-town driving with interaction in heavy traffic. All students will have a minimum of 20 hours of classroom instruction, 18 hours of observation, and six hours of behind-the-wheel drive time. There is a registration fee for this course.

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ELECTIVE  
Grades: 11, 12  
Credits: 1-5 per semester

**Course Title: Student Aide**

Duration: One/Two semesters  
Prerequisites: 11<sup>th</sup> or 12<sup>th</sup> grade, Administrative Approval

Students who would like to assist teachers during one class period each day can sign up to be a student aide. The student is responsible for finding the teacher to work with. Students must be responsible and be passing all classes. Credits awarded for this course DO NOT go towards the student's accumulative grade point average.

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ELECTIVE  
Grades: 10, 11, 12  
Credits: 5 per semester

**Course Title: Photojournalism**

Duration: One Semester  
Prerequisites: Administrative Approval

Students will expand their media skills of interviewing, reporting, writing, editing, photography, and design. Students will work together to create projects in a variety of media. Emphasis will be on collaboration with yearbook design and production.

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ELECTIVE  
Grades: 11, 12  
Credits: 5 per semester

**Course Title: Creative Writing**

Duration: One Semester  
Prerequisites: 11<sup>th</sup> or 12<sup>th</sup> grade, Administrative Approval

Students will gain learning experiences designed to develop knowledge, understanding, and skills involved in expressive uses of writing. Experiences may include poetry, fiction, and non-fiction used primarily to express the interests and emotions of the writer.

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ELECTIVE  
Grades: 11, 12  
Credits: 5 per semester

**Course Title: Modern Fiction**

Duration: One Semester  
Prerequisites: 11<sup>th</sup> or 12<sup>th</sup> grade, Administrative Approval

Students will study printed materials which have noteworthy content and excellence of style limited to the modern time era, genre, author, and/or subject matter.

# SOUTHEAST COMMUNITY COLLEGE/ESU 5 Area School Districts

## **WHAT is a Career Academy?**

\*It is an opportunity for students to be both college and career ready. This means that--

\* High school juniors and seniors will take college classes while in high school—classes that are “dual credit,” meaning they will count both towards high school graduation and college credit.

\* Students will explore a career field and get a first-hand look at what goes on in the “real world.” Students will conduct tours and job shadows, hear speakers, and experience other career exploration activities—many of them in their own communities.

## **WHAT academies will there be?**

\* Academies are offered in Health Sciences, Business, Agriculture, Information Technology, Criminal Justice, Education, Welding, & Nursing Assistant.

## **WHAT will it cost me?**

\* Southeast Community College tuition is approximately \$60 per credit hour (2014-15 school year). Check with your school counselor or administrator regarding possible tuition assistance.

## **WHAT classes will I take?**

\* Each semester, students will take at least one career academy class. Each high school will have a complete listing of classes and course descriptions.

## **WHERE/WHEN will I take classes?**

\* Classes will be offered in a variety of ways. Some may be face-to-face at a central location. Some may be in a student’s own school—either through distance learning or an online class.

\* Career Academy classes will be offered during the regular school day. They will be scheduled like normal high school classes.

## **WILL these classes transfer?**

\* Almost all of the courses will count towards a degree at Southeast Community College—and many of them will transfer to a four-year institution.

## **HOW will I register?**

\* Students will complete an Academy application and register through their local school’s spring registration process. School counselors will assist students in registering for academy classes.

## **WHERE will I learn more about jobs and the career I am interested in?**

\*As part of the academy experience, part of the time will be spent “on-site” at a local business or health care provider. These activities will be coordinated by the school district and the career academy office.

## **WHY should I consider a Career Academy?**

\*Career Academy programs are geared for preparing students for high wage and high demand careers. In order to compete for jobs in today’s world, students will need to be both college and career ready. An academy will combine rigorous classes with relevant experiences that will make that possible.

# SENCAP Pathways at a Glance

pathway	yEAR 1 Junior (or Senior if pathway is not full)		yEAR 2 returning SENCAP Senior	
	First semester	Second semester	First semester	Second semester
<b>Agriculture</b>	AGrI 1123* (new+) Ag occupation Exploration	AGrI 1257 Live Animal Selection & Carcass Evaluation	AGrI 1211* Fundamentals of Ag Marketing	AGrI 1171* Ag Technology
<b>Horticulture</b>	HorT 1130* Introduction to Horticulture	HorT 1216* Horticulture Business Management	HorT 1131 Plant Science	HorT 1154 (new+) Greenhouse Management
<b>Livestock</b>	AGrI 1126* (new+) Introduction to Livestock Prod.	AGrI 1131* Crop & Food Science	AGrI 1177* Companion Animals	AGrI 1171* Ag Technology
<b>Business</b>	BSAD 1050* Introduction to Business or ECoN 1200*# Personal Finance	ENTr 1050* Introduction to Entrepreneurship	BSAD 2540* Principles of Management or ACCT 1200*# Principles of Accounting I	BSAD 2520 * Principles of Marketing
<b>Computer Networking/Database/ Programming</b>	INFo 1151*# Information Technology Fundamentals	INFo 1161*# Windows operating Systems	INFo 1381*# Data Communications & Networking	INFo 1214*# Program Design & Problem Solving
<b>Construction</b>	CNST 1226 Tools & Materials I AND CNST 1228 Construction Processes & Practices I	CNST 1227 # Tools & Materials II AND CNST 1229 # Construction Processes & Practices II	CNST 1123 Concrete & Masonry Tools & Material I AND CNST 1125 Concrete & Masonry Applications I	CNST 1124 # Concrete & Masonry Tools & Material II AND CNST 1126 # Concrete & Masonry Applications II
<b>Criminal Justice</b>	CrIM 1010* Introduction to Criminal Justice	CrIM 2030* Police & Society	CrIM 2100* Juvenile Justice	CrIM 1030* Courts and the Judicial Process
<b>Early Childhood Education</b>	ECED 1150 * Introduction to Early Childhood Education	ECED 1120* Preschool Child Development	SoCI 1010* Introduction to Sociology or PSyC 1810* Introduction to Psychology	PSyC 2960* # Life-Span Human Development or EDuC 2300*# Introduction to Special Education
<b>Education</b>	EDuC 1110* Introduction to Professional Education	PSyC 1250* Interpersonal relations or EDuC 2590* Instructional Technology	SoCI 1010* Introduction to Sociology or PSyC 1810* Introduction to Psychology	PSyC 2960*# Life-Span Human Development or EDuC 2300*# Introduction to Special Education
<b>Health I</b>	NurA 1401 Nursing Assistant **	HLTH 1040 (new+) Medication Aide ** or FSDT 1350 Basic Nutrition*	MEDT 1100 (new+) Procedures in Phlebotomy ** or PSyC 1810 Introduction to Psychology*	HLTH 1060 Comprehensive Med Terminology* or MEDA 1101 Basic Medical Terminology* or FSDT 1350 Basic Nutrition*
<b>Health II</b>	HLTH 1080 ** (new+) EKG Tech or HLTH 1050 (new+) Dental Terminology*	HLTH 1090 (new+) Personal Care Aide* or PSyC 1810 Introduction to Psychology* or SoCI 1010 Introduction to Sociology*	MEDT 1110 (new+) Procedures in Phlebotomy** or HLTH 1060 Comprehensive Med Terminology* or MEDA 1101 Basic Medical Terminology* or PSyC 2960 Lifespan Human Development*	HLTH 1060 Comprehensive Med Terminology* or MEDA 1101 Basic Medical Terminology* or FSDT 1350 Basic Nutrition*
<b>Manufacturing-Engineering</b>	ENEr 1100* Energy Industry Fundamentals	ENEr 2102 # Nuclear Energy or ENEr 2130 # Green Energy Technologies	ENEr 2102 # Nuclear Energy or ENEr 2130 # Green Energy Technologies	ENEr 1110 operator Safety
<b>Manufacturing-Welding</b>	WELD 1117 # oxyacetylene Theory and WELD 1119 # oxy Welding & Cutting	WELD 1122 # GMAW Theory and WELD 1124 # GMAW Lab I	WELD 1110 # SMAW Theory and WELD 1112 # SMAW Lab I	WELD 1126 # GMAW Lab II or WELD 2251 # FCAW I and WELD 2252 # FCAW II

Odysseyware provides independent study courses online that students can use for credit recovery and/or electives not available at Freeman. Students must be self-motivated. The teacher assigned to supervise the student has the discretion to assign daily grades. Teachers assigned may not be endorsed in the area of the subject; therefore, they may not be able to assist the student. (i.e. – French) If there are teachers who are endorsed in the course, that teacher may be available for assistance during IAP, before and after school, or as arranged.

Odysseyware automatically sets a schedule for students as to where they should be at any point in time in order to finish the course within the allotted time. Students' grades will be adjusted if they are not "on schedule." By the end of quarter 1, students should be 25% done with a yearlong class or 50% done with a semester class, etc. When students log in, they can see the timeline of where they are scheduled to be. Grades will be entered weekly into PowerSchool and will be considered as part of the weekly eligibility of students.

Odysseyware courses are generally designed to be yearlong courses (10 credit hours). Students' grades will change over the course of the year. For example, at the end of the 1<sup>st</sup> quarter. A student may have a grade of 90%, but by the end of the semester, that grade may be 80%. Quarter and semester grades may be adjusted to reflect the actual semester grade.

Supervising teachers will have access to the progress of students and will encourage them to stay on task, but they may not always have daily contact with students due to scheduling conflicts.

Odysseyware courses may be taken over the summer, but a grade will not be entered onto the transcript until the course is completed.

Lessons are done mostly on the computer, but all courses will require some writing and research. Science classes do involve a lot of lab work. Failed lessons can be reset to redo, but only one reset per lesson will be allowed.

### **Network Nebraska**

eNVISion is the Nebraska Virtual Instruction Source: A clearinghouse for distance education and virtual learning. Freeman High School has joined Network Nebraska in an effort to offer our students a variety of courses we may not otherwise be able to offer. We also believe this will be an avenue to allow students to take courses we may not offer because of a lack of student numbers signed up for a course.

#### **Course offered will be available in the following areas:**

Agriculture  
Music and Arts  
Business  
English  
Family and Consumer Science  
Foreign Language  
Industrial Technology  
Math  
Health (Personal Health, Health Science, Sports Nutrition)  
Science  
Social Studies  
Speech  
Technology  
AP Courses

Please log in the web below for specific courses listed.

<http://nvis.esucc.org/>



## College Distance Learning & Online Classes

Distance Learning and Online College courses are available. The following classes are a partial list offered through Distance Learning & Online opportunities. Students will receive credit for SCC. The cost for a 4.5 credit college course is approximately \$270. For further information about distance learning classes at SCC or class schedules, contact Cheryl Parks at 1-800-233-5027, Ext. 1320 or [cparks@southeast.edu](mailto:cparks@southeast.edu).

SCC will waive half the tuition for DC Advantage Courses.

Other courses may be available. Some of these may not be offered due to lack of numbers. Regardless, sign up for courses you WANT to take. Changes can always be made. See Mr. Sokol or Mrs. Kelly for more information.

### **Semester 1 Course Offerings**

Live Animal Selection & Carcass Evaluation  
Business Law I  
Intro. To Business  
Accounting Principles I  
Macroeconomics  
Composition I  
Geometry  
College Algebra  
Precalculus  
Calculus I  
Philosophy  
Intro to Psychology  
Intro to Sociology  
Public Speaking  
Medical Terminology I  
American Government  
Diversity In Society

### **Semester 2 Course Offerings**

Agribusiness Careers  
Business Law II  
Principles of Accounting II  
Principles of Management  
Microeconomics  
Composition II  
Modern Fiction  
Intro to Literature  
Anatomy & Physiology  
Geometry  
Precalculus  
Calculus I  
Calculus II  
Medical Terminology I  
Medical Terminology II  
Intro to Philosophy  
Intro to Psychology  
Intro to Sociology  
Life-Span Human Development  
Issues of Unity & Diversity  
Public Speaking  
Elementary Statistics  
Diversity In Society

### **Online DC Advantage Courses**

Personal Finance  
Intro to Energy Gen. & Distribution  
Composition I  
College Algebra  
Basic Medical Terminology  
Comprehensive Medical Terminology  
American Government  
Interpersonal Relations  
Introduction to Psychology  
Life-Span Human Development  
Introduction to Sociology  
Public Speaking

### **Fiber Distance Learning (SENCAP & DC Advantage)**

Composition I  
College Algebra  
Intro to Psychology  
Public Speaking

## Peru State Dual Enrollment Online Courses

### Student Qualifications

Students must meet the following criteria to participate in the Dual Enrollment program at Peru State College:

1. Be juniors or seniors;
2. Be chosen carefully and recommended by the high school academic staff;
3. Meet the prerequisites of the courses;
4. Have a cumulative grade point average of 'B' or its equivalent or better; or rank in the top half of their high school class; or earn an ACT composite score of at least twenty (20) or an equivalent score on another valid assessment

### Registration

Students will be required to complete the online Dual Enrollment Application and turn in the signed [Parent Authorization Form](#). High School Counselors will be required to complete a Counselor approval process.

### Student Costs

All students participating in the Traditional or Online Dual Enrollment program will pay a **flat tuition rate of \$60 per credit hour**.

**First time students will be required to pay a one-time matriculation fee of \$15.** Please note, *students applying for the ACE Scholarship will still be required to pay the \$15 matriculation fee.* The [ACE Scholarship](#) does not cover this cost.

**All Dual Enrollment tuition fees must be paid in full by the following deadlines:**

**Spring courses –April 1st**

**Fall courses –November 1<sup>st</sup>**

Go to website for course offerings: <http://www.peru.edu/dualenrollment/online>

