

# PARSONS HIGH SCHOOL

## Course Description Book 2020-2021



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**THE SCHOOL SCHEDULE IS BUILT AROUND THE COURSES SELECTED BY THE STUDENTS. THEREFORE, IT IS IMPERATIVE FOR PARENTS AND STUDENTS TO MAKE WISE CLASS CHOICES. SCHEDULING WILL FLOW FROM THE MOST RECENT INDIVIDUALIZED PLAN OF STUDY (IPS). CHANGES TO THE INDIVIDUALIZED PLAN OF STUDY MAY BE MADE WITH PARENTAL APPROVAL THROUGH THE COUNSELING OFFICE.**

### GRADUATION REQUIREMENTS

A total of 25 units of credit are required for graduation. Fifteen and a half credits are required (see below) and the remaining 9.5 credits are elective courses chosen by the student.

<p><b>English – 4.0 Credits</b>                  English 9                  English 10                  English 11                  English 12</p>	<p><b>Science (Lab) – 3.0 Credits</b>                  General Science                  Biology                  Science of choice</p>
<p><b>Social Science – 3 Credits</b>                  World History                  U. S. History                  American Government                  Social Science of choice</p>	<p><b>Physical Education/Health–1.0 Credit</b></p>
<p><b>Mathematics – 3.0 Credits</b></p>	<p><b>Business Essentials– .5 Credit</b></p>
<p><b>Fine Arts – 1 credit</b></p>	
<p>21st Century Journalism                  Advanced Drafting/CAD                  Architectural Design                  Art II and III                  Audio Video Production Fundamentals                  Band                  Ceramics I and II                  Debate                  Drafting                  Drafting/CAD                  Drama</p>	<p>Forensics                  Graphic Design                  Graphic Design Fundamentals                  Guitar                  Introduction Drawing and Design                  Music Company                  Orchestra                  Photo Imagining I and II                  Video Productions                  Viking Concert Choir</p>
<p>Classes that qualify for Fine Arts credit are marked with a ★ by the course number.</p>	

**15.5 Credits Required**

**9.5 Credits of Electives**

**25 Credits Total**

#### College Credits

3 hours of college credit is equivalent to .5 credit at the high school

5 hours of college credit is equivalent to 1 credit at the high school

## Concurrent and Dual Credit

Dual credit classes are courses offered through LCC and taught at the LCC campus. Concurrent credit courses are taught at PHS and are awarded college credit through LCC. **College fees and books** for dual credit and concurrent credit classes are the responsibility of the student. The current college fees per credit hour are \$51.

**A dropped or unattended course at LCC will result in an “F” on the high school transcript.**

### Concurrent/Dual Credit requirements (Juniors or Seniors)

Students may enroll in two hours of LCC courses during the school day while attending five hours at PHS. Students wanting to enroll in more than two hours need approval prior to enrollment.

- Student must have at least a 3.0 GPA
- Building Administration approval (Discipline record, Attendance record, State Assessment Scores, MAP Scores and Teacher recommendations).
- Student must meet a set score on the ACT or Accuplacer. Students must have a Reading score of an 18 or higher on the ACT or a score of 69 or higher on the Accuplacer English test to enroll in any course at LCC. In addition, Math courses require a set score on the Math portions of the ACT or Accuplacer test. Students wanting to enroll in English Composition must also have an 18 or higher on the English portion of the ACT or a score of 69 or higher on the Accuplacer English test.

### *Suggested Dual Credit Courses Available to PHS Students at LCC*

\*Weighted Courses

American Government	General Literature
American History since 1877	Graphic Communications
American History to 1877	Introduction to Business
Anatomy and Physiology	Macroeconomics
Art Appreciation	Microeconomics
Biology	Music Appreciation
Calculus I and II	Music Theory
Ceramics	Philosophy
College Algebra	Photography
College Chemistry I*	Public Speaking
College Physics I *	Sociology
Computer Concepts and Applications	Spanish I
English Composition I	Spanish II
English Composition II	Statistics
Financial Accounting	Trigonometry
Fundamentals of Drawing	Website Design Software



# Kansas Scholars Curriculum & State Scholar Quick Facts

## What is the Kansas Scholars Curriculum?

The Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation during the Senior year. This curriculum is NOT the same as the Qualified Admissions Curriculum.

## What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified on the official roster by the high school counselor, registrar, or similar official.

## What is the benefit of completing the Kansas Scholars Curriculum?

Students that complete the curriculum, and meet the other requirements, may be designated as State Scholars, which makes them eligible to receive State Financial Aid as provided by the Kansas Legislature.

*The academic profile of scholars included an average ACT of 30 and an average GPA of 3.90.*

State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program) based on financial need and the availability of State funds.

## How is financial need determined?

Financial need is measured by the Federal Methodology using data submitted on the FAFSA.

## Kansas Scholars Curriculum

Same as the Qualified Admissions Curriculum.

3 approved units including:

- Biology
- Chemistry
- Physics

### Natural Science

*A fourth year of science is recommended.*

4 approved units.

Students must complete the following:

- Algebra I\*
- Algebra II
- Geometry

### Math

In addition, students must complete at least one of the following:

- Analytic Geometry
- Trigonometry
- Advanced Algebra
- Probability & Statistics
- Functions
- Calculus

*\*Algebra taken in the 8th Grade is accepted.*

**Social Science** Same as the Qualified Admissions Curriculum.

**Foreign Language** 2 approved units of one foreign language.

*For more information about the Kansas Scholars Curriculum or State Scholar designation, contact the Kansas Board of Regents at (785) 296-3421 or visit the Board's website at [www.kansasregents.org](http://www.kansasregents.org).*



# Qualified Admissions Kansas Residents

Five of the six state universities in Kansas, including Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, and Wichita State University, use the standards below to review applicants for undergraduate admission. The University of Kansas has different admission standards from those listed below, visit [admissions.ku.edu](http://admissions.ku.edu) for more information. Standards are set by the Kansas Board of Regents.

## ACCREDITED HIGH SCHOOL

If you are a Kansas resident who will graduate from an accredited high school during the 2015-2016 academic year or later, you can guarantee admission to five of the state's universities by completing the Qualified Admissions or Kansas Scholars curriculum with a 2.0 GPA and by meeting one of the following requirements:

- ACT score of at least 21; OR
- SAT score of at least 980; OR
- Graduate in the top 1/3rd of your class.

If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

## QUALIFIED ADMISSIONS PRECOLLEGE CURRICULUM

**Kansas Course Codes** are used to identify courses that fulfill Qualified Admissions curriculum requirements. A complete list of courses is available at the Kansas Board of Regents website: [kansasregents.org/qualified\\_admissions](http://kansasregents.org/qualified_admissions). Additionally, your high school counselor has a list of courses at your high school that fulfill these requirements.

**One unit is equivalent to one year, or two semesters.** Dual enrollment, concurrent enrollment, and online courses may be used to fulfill the Qualified Admissions curriculum requirements. All courses must appear on your high school transcript, and courses completed in middle school or junior high do not fulfill the Qualified Admissions Math requirements.



**English**  
4 approved units,  
½ unit may be  
Speech



**Math**  
Must complete either:  
Option A - 3 approved units  
and meet the ACT college  
readiness math benchmark  
of 22. Option B - 4 approved  
units, one of which must be  
taken in the graduating year



**Social Science**  
3 approved units



**Natural Science**  
3 approved units,  
one of which must be  
a full unit of Chemistry  
or Physics



**Electives**  
3 approved units

## UNACCREDITED HIGH SCHOOL

If you are a Kansas resident who will graduate from an unaccredited high school during the 2015-2016 academic year or later, you can guarantee admission to five of the state's universities by completing coursework equivalent to the Qualified Admissions or Kansas Scholars curriculum with a 2.0 GPA and by achieving an ACT score of at least 21 or an SAT score of at least 980. If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: [www.kansasregents.org/qualified\\_admissions\\_rules\\_regulations](http://www.kansasregents.org/qualified_admissions_rules_regulations).

Date: April 2014

*Classes with weighted grades are marked with a • by the course number  
Classes for fine arts are marked with a ★ by the course number.*

## Honors Courses

An extensive amount of course work will be required, including outside reading and written papers. Students will be responsible for successfully completing all assignments, turning in assignments on time, and participating in class discussions and activities. Students must meet the prerequisites before being placed in an honors level course which may include teacher recommendation. Teacher recommendation will be based on work ethic, grade history, character, and behavior. Students who do not meet the criteria may request an appeal through the administrator's office. **Students may be transferred out of honors classes for low achievement, poor behavior, or academic dishonesty.**

## Weighted Course Grades

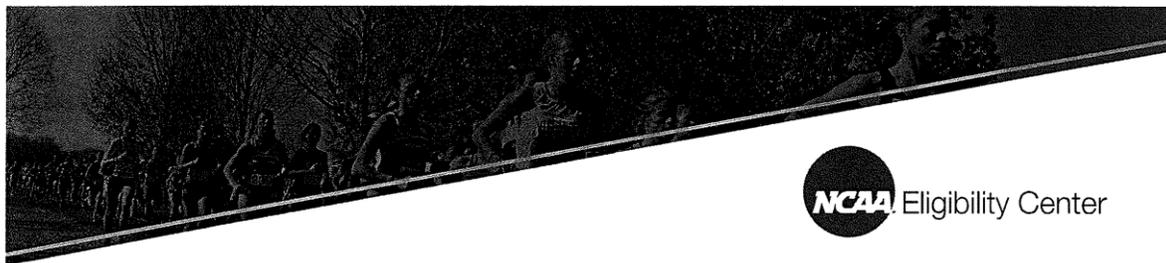
Certain advanced/honors high school courses will receive weighted grade point values. Weighted grade point values are possible due to additional academic requirements. The grade point values for these courses are: A = 5.0, B = 4.0, C = 3.0, D = 2.0, D- = 1.0 and F = 0. Weighted grades are only granted when the student completes the entire course. Classes with a weighted grade are marked with a • by the course number.

### Weighted Courses

Honors English 9  
Honors English 10  
Honors English 11  
Honors Geometry  
Honors Algebra II  
Physics

Honors World History  
Honors U. S. History  
Honors General Science  
Honors Biology  
Honors Chemistry

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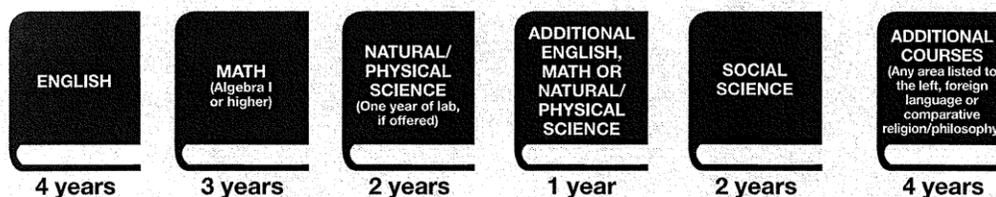


## DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

### Core-Course Requirement

Complete 16 core courses in the following areas:



### Full Qualifier

- Complete 16 core courses.
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

### Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

### Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

### Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

### Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

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## Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscore from different tests are used to meet initial-eligibility requirements.

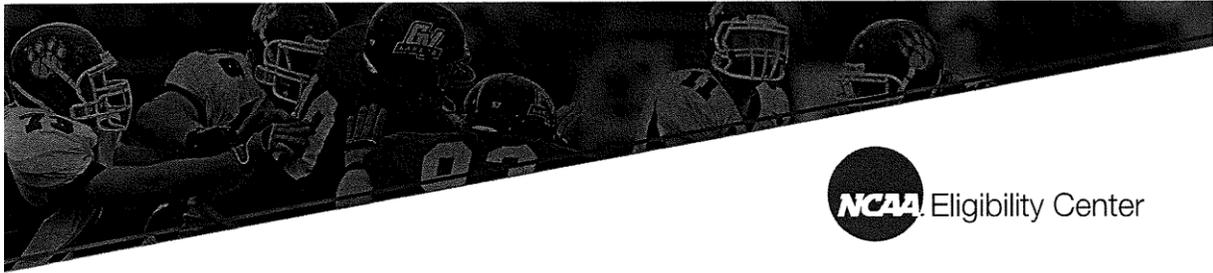
If a student took the SAT before March 2016 and then took the redesigned SAT at a later date, the NCAA Eligibility Center will not combine section scores from the old and redesigned SAT when determining his or her initial eligibility. The NCAA Eligibility Center will only combine section scores from the same version of the test. Because the redesigned SAT varies in design and measures different academic concepts than the old SAT, a numerical score on the old test may not be equivalent to the same numerical score on the redesigned test.

DIVISION I FULL QUALIFIER SLIDING SCALE			DIVISION I FULL QUALIFIER SLIDING SCALE		
CORE GPA	SAT READING/MATH	ACT SUM	CORE GPA	SAT READING/MATH	ACT SUM
3.550	400	37	2.750	720	59
3.525	410	38	2.725	730	60
3.500	420	39	2.700	740	61
3.475	430	40	2.675	750	61
3.450	440	41	2.650	760	62
3.425	450	41	2.625	770	63
3.400	460	42	2.600	780	64
3.375	470	42	2.575	790	65
3.350	480	43	2.550	800	66
3.325	490	44	2.525	810	67
3.300	500	44	2.500	820	68
3.275	510	45	2.475	830	69
3.250	520	46	2.450	840	70
3.225	530	46	2.425	850	70
3.200	540	47	2.400	860	71
3.175	550	47	2.375	870	72
3.150	560	48	2.350	880	73
3.125	570	49	2.325	890	74
3.100	580	49	2.300	900	75
3.075	590	50	2.299	910	76
3.050	600	50	2.275	910	76
3.025	610	51	2.250	920	77
3.000	620	52	2.225	930	78
2.975	630	52	2.200	940	79
2.950	640	53	2.175	950	80
2.925	650	53	2.150	960	81
2.900	660	54	2.125	970	82
2.875	670	55	2.100	980	83
2.850	680	56	2.075	990	84
2.825	690	56	2.050	1000	85
2.800	700	57	2.025	1010	86
2.775	710	58	2.000	1020	86

**ACADEMIC REDSHIRT**

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## 2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

### Core-Course Requirement

Complete 16 core courses in the following areas:

<div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>ENGLISH</b></div> <div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>3 years</b></div>	<div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>MATH</b> (Algebra I or higher)</div> <div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>2 years</b></div>	<div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>NATURAL/ PHYSICAL SCIENCE</b> (including one year of lab science, if offered)</div> <div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>2 years</b></div>	<div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>SOCIAL SCIENCE</b></div> <div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>2 years</b></div>	<div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>ADDITIONAL</b> (English, math, or natural/physical science)</div> <div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>3 years</b></div>	<div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>ADDITIONAL</b> (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy)</div> <div style="background-color: black; color: white; padding: 10px; margin-bottom: 5px;"><b>4 years</b></div>
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#### Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

#### Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

#### Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

#### Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

#### Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

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## Test Scores

If a student took the SAT before March 2016 and then took the redesigned SAT at a later date, the NCAA Eligibility Center will not combine section scores from the old and redesigned SAT when determining his or her initial eligibility. The NCAA Eligibility Center will only combine section scores from the same version of the test. Because the redesigned SAT varies in design and measures different academic concepts than the old SAT, a numerical score on the old test may not be equivalent to the same numerical score on the redesigned test.

DIVISION II FULL QUALIFIER SLIDING SCALE		
USE FOR DIVISION II BEGINNING AUGUST 2018		
CORE GPA	SAT READING/MATH	ACT SUM
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE		
USE FOR DIVISION II BEGINNING AUGUST 2018		
CORE GPA	SAT READING/MATH	ACT SUM
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

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# ART DEPARTMENT

## **4010★ INTRODUCTION TO DRAWING AND DESIGN (ART I)**

**S**

Grades: 9, 10, 11, 12

Students will explore several art techniques including basic sketching, painting, and 3D art. Students will learn the fundamentals and principles of art and design and explore cultural, historical, and vocational aspects of art. This introductory course is an acceptable prerequisite for Art 2, Ceramics 1, and/or Graphics Design.

## **4105★ ART II**

**S**

Prerequisite: 8<sup>th</sup> grade Advanced Art or Intro to Art

Grade: 9, 10, 11, 12

This course is designed for the highly motivated art student and follow a more in-depth study of art criticism, aesthetics, and art history. Throughout part of the semester, students will develop their own course of study which will consist of two parts: research and studio. Students will recreate a work of the artist and understand more richly their own artistic process and style through studying the process and style of other artists. A portfolio will be kept. 10 student capacity per class.

## **4020/4021★ ART III (ADVANCED ART)**

**S**

Prerequisite: Intro to Art and Drawing and Painting or Ceramics

Grade: 10, 11, 12

Advanced Art is designed for the student who has a background in art and is able to work independently to further develop skills in one or more areas. Students will be expected to complete journal drawings along with projects that demonstrate excellence in quality and effort. The class may be taken more than once.

## **4030★ CERAMICS I**

**S**

Prerequisite: Introduction to Art

Grade: 9, 10, 11, 12

Ceramics I is an introductory course to explore several methods of hand building and wheel throwing. Students will create a range of challenging projects both sculptural and functional.

## **4040★ CERAMICS II**

**S**

Prerequisite: Ceramics I

Grade: 10, 11, 12

Ceramics II is an intensive course designed to allow students to develop craftsmanship and skill in hand building and wheel throwing. Students will create a series of functional and sculptural pieces of heightened quality. 10 student capacity per class.

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## BUSINESS DEPARTMENT

### **5060 COMPUTER APPLICATIONS**

**S**

Grade: 9, 10, 11, 12

Students will study how a computer is used in business, school, and everyday life. Basic knowledge of the Windows operating system will be taught. Students will develop their skills in word processing, database management, spreadsheets, graphics and desktop publishing using Microsoft Word and Excel which are components of the software package Microsoft Office. This course will prepare students to use computers in college and give them important job qualifications. In addition, workplace skills will be emphasized including the ability to set priorities, meet deadlines, proofread, file correctly, and manage time. Students can gain certification in Microsoft Office

### **5120 ENTREPRENEURSHIP**

**S**

Grade: 9, 10, 11, 12

Prerequisite: Business Essentials

This class teaches students the knowledge and skills necessary to own and operate their own businesses. Topics from several fields form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and account and communications. Students will actually experience operating their own business.

### **5005 BUSINESS ESSENTIALS**

**S**

Grade: 9, 10, 11, 12

This course is designed to introduce students to the fundamental principles of personal finance as they concern students in their role as consumers, citizens, and employees. It provides the knowledge necessary for individuals to conduct their own personal financial affairs. Students will study economics, banking services, budgeting and managing money, investing, using credit wisely, and developing good consumer skills.

### **5011 BUSINESS COMMUNICATIONS**

**S**

Grade: 9, 10, 11, 12

Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.

### **5025 BUSINESS MANAGEMENT**

**S**

Grade: 9, 10, 11, 12

Prerequisite: Business Essentials

The Business Management course acquaints students with management opportunities and effective human relations. This course provides students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

### **5035/5036 APPLIED BUSINESS DEVELOPMENT**

**Y**

Grade: 11, 12

Prerequisite: Business Essentials and three additional business courses.

Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. These courses includes classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business.

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**5020/5021 PRINCIPLES OF MARKETING** **Y**

Grade: 10, 11, 12

Prerequisite: Business Essentials

This course focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics include (but are not limited to ) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Human relations, computers, and economics are covered as well.

**5030/5031 MARKETING APPLICATIONS** **Y**

Grade: 11, 12

Prerequisite: Business Essentials and Principles of Marketing

Marketing Applications furthers student understanding and skills in the various marketing functions. Students coordinate channel management with other marketing activities, discuss the nature of marketing plans, generate product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course along with four projects.

## **CAREER AND TECHNICAL EDUCATION**

### **ARTS AND AUDIO AND VISUAL COMMUNICATIONS**

**7840★ AV FUNDAMENTALS (AUDIO VIDEO PRODUCTION FUNDAMENTALS)** **S**

Prerequisite: Computer skills

Grade: 9, 10, 11, 12

In this course you will learn things like What is sound, Recording, Editing, and Mixing music.. Creating Beats, Basic Concert Production, Foley Artist, How to shoot video, Television Broadcast Basics, Chroma keying (green screen), and Live Video Production. Students will help second year students with VTV". Students will create stories/news pieces similar to the evening news. This includes anchoring, interviewing, and recording school activities. **Being able to film before/after school is required.** Having school spirit or an interest in clubs, activities and sports is a plus. Classwork will be demonstrated by hands on projects. **\*Students enrolled in this course get into games/activities for free."**

**7842/7843★ BROADCASTING VTV (VIDEO PRODUCTION)** **Y**

Prerequisite: A grade of a "C" or better in Audio Video Productions Fundamentals. A grade of "C" or better in English or instructor's permission.

Grade: 10, 11, 12

Video Production builds upon the skills learned in Broadcasting 1. In addition to helping create VTV, second year broadcasting students will have the freedom to create videos that are not related to school. This may include short films, music videos, and documentaries. All assignments/work is hands on. **\*Students enrolled in this course get into games/activities for free."**

**7846★ NEWSPAPER (21<sup>ST</sup> CENTURY JOURNALISM)** **S**

Prerequisite: A grade of a "C" or better in English

Grade: 9, 10, 11, 12

Newspaper provides students with journalism skills through the creation of a school newspaper. Students will create stories by incorporating writing/speaking/listening/interviewing skills. Two student newspapers will be created and published in the "Parsons Sun" each semester. Meeting deadlines are crucial. Students taking this class should enjoy or have an interest in writing. Having school spirit is a plus.

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**1300/1301★ YEARBOOK (DIGITAL MEDIA AND PRODUCTION) Y**

Prerequisite: Grade of “C” in English, or Grade of “C” in Photo Imaging, or instructor’s permission.

Grade: 10, 11, 12

Yearbook provides students with the opportunity to create the Parsons High School Yearbook. Students taking this class should have an interest in Photography/Graphic Design. Students are **required** to attend all types of "home" school activities (not just sports). Students in this course will take and edit a large number of pictures. If you cannot drive please make sure that transportation is possible before enrolling in this course. **(Students must supply their own SD cards for taking pictures) \*Students enrolled in this course get into games/activities for free.**

**7280★ PHOTOGRAPHY (PHOTO IMAGING) S**

Grade: 9, 10, 11, 12

Photography provides students with the necessary skills needed to operate a DSLR camera. Automatic settings are not used in this class. Students should expect to be artistic as Photography is an art form. Topics include: Camera Basics, Composition, Flash Photography, Camera RAW/Adobe Photoshop basics, Portrait Lighting. **(Students must supply their own SD cards for taking pictures)**

**7272★ PHOTOGRAPHY II (PHOTO IMAGING II) S**

Grade: 9, 10, 11, 12

Prerequisite: Completion of Photo Imaging I with a C or better

Photography II will expand on ideas introduced in Photography I as well as exploring more advanced techniques and concepts pertaining to digital imaging. Automatic settings are not used in this class. Students should expect to be creative and artistic as Photography is an art form. Topics include: Landscape Photography, Speed-light, Studio Strobe and Video light techniques, Fast and Slow Shutter Techniques, Color Augmentation, Corporate Photography, Astrophotography, Light modifiers, Nature / Wildlife techniques. **(Students must supply their own SD cards for taking pictures)**

**7200★ GRAPHIC DESIGN FUNDAMENTALS S**

Grade: 9, 10, 11, 12

Graphic Design Fundamentals provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software and equipment and learning composition techniques to develop a quality product.

**7270/7271 ★GRAPHIC DESIGN Y**

Grade: 10, 11, 12

Prerequisite: Graphic Design Fundamentals with a “C” or better.

Graphic Design courses teach students to use artistic techniques to effectively communicate ideas and information to business and customer audiences via illustration and other forms of digital or printed media. Topics covered may include concept design, layout, paste-up techniques such as engraving, etching, silkscreen, embroidery, vinyl cutting, and computer graphics.

**7285/7286 MEDIA TECHNOLOGY WORKPLACE EXPERIENCE Y**

Prerequisite: Graphic Design with a “C” or better

Grade: 11, 12

Media Technology Workplace Experience courses provide students with work experience in fields related to media technology. Students will work in teams and independently to design, develop, and produce graphic design projects that meet the needs of prospective clients. Students will research and model the field of media technology, especially regarding experiences that students encounter in the workplace.

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## CONSTRUCTION

### **9979 INTRODUCTION TO INDUSTRIAL TECHNOLOGY**

**S**

Grade: 9, 10, 11, 12

An introductory level course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing, and Transportation areas.

### **9986/9987 CARPENTRY**

**Y**

Grade: 10, 11, 12

Prerequisite: Introduction to Industrial Technology and Woodworking Principles

This course provides students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

### **9980/9985 WOODWORKING PRINCIPLES**

**Y**

Grade: 9, 10, 11, 12

Prerequisite: Introduction to Industrial Technology

This course provides students with experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. This course covers the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware. Initial topics may resemble those taught in Woodworking courses; more advanced topics may include how to install plastic laminates on surfaces and how to apply spray finishes.

### **9982/9983 FURNITURE AND CABINETRY FABRICATION**

**Y**

Grade: 10, 11, 12

Prerequisite: Introduction to Industrial Technology and Woodworking Principles

An advanced level application course designed to provide students with experience in constructing cases, cabinets, counters, furniture and interior woodwork.

### **9988/9989 CARPENTRY II**

**Y**

Grade: 11, 12

Prerequisite: Introduction to Industrial Technology, Woodworking Principles and Carpentry

An advanced comprehensive course designed to instruct students in skills pertaining to rough construction and finish work.

### **9921/9922 RESEARCH AND DESIGN IN BUILDING TRADES**

**Y**

Grade: 12

Prerequisite: Introduction to Industrial Technology, Carpentry, and Carpentry II

An advanced research and application course covering specific topics in building construction to include management and "green building" skills.

### **9993/9994 ADVANCED MATERIALS TECHNOLOGY**

**Y**

Grade: 12

Prerequisite: Introduction to Industrial Technology, Woodworking Principles, and Furniture and Cabinetry Fabrication

A progressive application level course furthering the study of CNC equipment, composite panel products, and veneering, and the processes involved with fabricating goods with these technologies.

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## DRAFTING AREA

### 7313★ DRAFTING S

Grade: 9, 10, 11, 12

An introductory course designed to expose students to both architectural and mechanical (technical) drafting skills.

### 7340/7341★ DRAFTING/CAD Y

Prerequisite: Drafting

Grade: 10, 11, 12

A comprehensive course designed to instruct students in the use of CAD design and software.

### 7320/7321★ ADVANCED DRAFTING/CAD Y

Prerequisite: Drafting/CAD.

Grade: 11, 12

This class is a continuation of the drafting principles, but has more depth in the scope and sequence. The opportunity will be provided to explore some of the more specialized areas of drafting such as: descriptive geometry, fasteners, welding, cams and gears, maps, electrical schematics, aerospace, perspective and technical illustration. More emphasis on industrial theory and practices of dimensioning will be investigated. Class work will be done via CAD and in some cases manual machine drafting.

### 7330/7311★ ARCHITECTURAL DESIGN Y

Prerequisite: Drafting/CAD

Grade: 11, 12

A comprehensive course designed to instruct students in the basic skills of architectural design with a particular emphasis on residential and light commercial applications. **This course is offered every two years and will alternate with Robotics.**

### 7360/7361 ROBOTICS (CONCURRENT CREDIT) Y

Prerequisite: Drafting/CAD

Grade: 11, 12

"Robotics" is the field of engineering that aims to develop machines acting in some respects like living organisms, especially people. Within the broader field of artificial intelligence, robotics is distinct in that robots typically occupy, maneuver within, and manipulate a physical environment. This course will involve the development and implementation of a physical game which will be carried out by mechanical robots. Throughout this process the student's skills in writing, business, accounting, science, math, mechanics, leadership, design, ingenuity, and coordination will be identified and utilized. Enrollment in this class requires permission of the instructor. **This class is offered every two years and will alternate with Architectural Design. This class is available for concurrent enrollment with Labette Community College and will cost approximately \$153.**

### 7352/7353 RESEARCH AND DESIGN FOR PRE-CONSTRUCTION Y (CONCURRENT CREDIT)

Prerequisite: Three years of drafting

Grade: 12

An advanced research and application course covering specific topics in design and pre-construction to include management and "green design" skills. **This class is available for concurrent enrollment with Labette Community College and will cost approximately \$153.**

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## TRANSPORTATION AREA

### **7000 INTRODUCTION TO TRANSPORTATION** **S**

Grades: 9, 10, 11, 12

Provides students with the opportunity to learn practical car maintenance skills. They will attain basic skills and knowledge needed to own and maintain a vehicle. The students will learn what to consider when buying a car, shopping for car insurance, acquiring a title, etc.

### **7010/7011 GENERAL AUTOMOTIVE SERVICE I** **Y**

Prerequisite: Introduction to Transportation or Automotive Information

Grade: 10, 11, 12

A technical level course designed to provide students with basic theories and information needed to develop an understanding of automotive and light truck vehicles .

### **7020/7021 GENERAL AUTOMOTIVE SERVICE II** **Y**

Prerequisite: General Automotive Service I

Grade: 11, 12

A comprehensive, application level course designed to provide students with knowledge in the theory of operation, the equipment and the skills necessary for employment in the field of automotive and light truck service.

### **7050/7051 GENERAL AUTOMOTIVE SERVICE III** **Y**

Prerequisite: General Automotive Service I and II

Grade: 11, 12

An advanced, comprehensive, application level course designed to build upon skills in the General Service II course and to provide additional opportunities for work-based experience.

## WELDING AREA

### **7400 INTRODUCTION TO WELDING** **S**

Grade: 9, 10, 11, 12

An introductory level course designed to instruct students in the basic skills of welding.

### **7790/7791 PRODUCTION WELDING PROCESSES I** **Y**

Prerequisite: Introduction to Welding

Grade: 10, 11, 12

This class can be taken as a one hour class. Students are required to have a tape measure, coveralls, clear safety glasses, tinted safety glasses, leather gloves, pliers and leather boots. This class is designed for student to use proper safety procedures, learn how to read welding blueprints, arc weld (SMAW), wire weld (MIG), TIG welding, plasma cutting, oxyfuel welding and oxyfuel cutting. Two take home projects (foot scraper and a rocking patio chair) are required. **This class is available for concurrent enrollment with Labette Community College.**

### **7800/7801 PRODUCTION WELDING PROCESSES II** **Y**

Prerequisite: Production Welding Processes I

Grade: 11, 12

Students are required to have a tape measure, coveralls, clear safety glasses, tinted safety glasses, leather gloves, pliers and leather boots. Studies will include in-depth welding blueprint reading, measurement, plasma cutting and welding in the horizontal, vertical and overhead positions with MIG, TIG, SMAW and oxyfuel processes. Welding visual aids (practice pieces) will be required. The required project will be a glider swing welded with the TIG carbon steel process. The SENSE program will be introduced, but the students will not be required to complete all modules. **This class is available for concurrent enrollment with Labette Community College.**

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## **7810/7811 RESEARCH AND DESIGN FOR MANUFACTURING**

**Y**

Prerequisite: Production Welding Processes II

Grade: 12

An advanced level course that provides students with work-based experience, supported by classroom attendance and discussion, within their area of interest and study. **This class is available for concurrent enrollment with Labette Community College.**

## **FAMILY AND CONSUMER SCIENCE**

### **6005 CAREER AND LIFE PLANNING**

**S**

Grade: 9, 10, 11, 12

Students will work to solve the big question, what will I be when I grow up? Class time will be devoted to career exploration in all 16 Pathways in the Kansas Career Cluster Model including Human Services Careers. This course will introduce and expose students to a world of career opportunities available to them. Course topics include local and global trends in the workplace, and balancing work and family life. Course activities depend upon the careers being explored. Time will be completing online career inventories which include Skills and Interest Assessments and a Work Values Inventory. Class speakers include college representatives as well as individuals successful in various career fields. Discussion will include the value in keeping grades up, being involved in school activities and community service projects. Students will be introduced to the college scholarship process and college resumes.

### **6020 NUTRITION AND WELLNESS**

**S**

Grades: 9, 10, 11, 12

Focusing on personal, consumer, and industry nutrition and wellness topics; such as general and individual nutrition, stress management, drug/alcohol abuse prevention, disease prevention, exercise, diet, safety, physical activity, aging, and general first aid. Course objectives include helping students develop decision-making, communication, interpersonal, and coping skills and strategies.

### **6040 CULINARY ESSENTIALS**

**S**

Grades: 9, 10, 11, 12

Within this course students will demonstrate food safety and sanitation procedures, as well as, examine the principles of food production management and service methods. Opportunities in this course include understanding industry standards in selecting, using and maintaining food production areas and equipment and measuring techniques in relation to a standardized recipe. Students will also be demonstrating common food production skills and applying the principles of nutrition to food preparation.

### **6045/6046 CULINARY ARTS I**

**Y**

Grades: 10, 11, 12

Prerequisites: Culinary Essentials

This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include the sources, symptoms and prevention measures for common food illnesses, meal management, correct use of food production equipment and production and facility management principles. Students will also begin to develop culinary skills for a variety of food products.

### **6021 EVENT AND PLANNING MANAGEMENT**

**S**

Grades: 10, 11, 12

Prerequisites: Culinary Essentials

This course provides students with the knowledge and skills related to the event planning and implementation process. It will include establishing client relationships, the importance of communication, planning process, resource management, quality service and staffing.

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## **6037/6038 CULINARY APPLICATIONS**

**Y**

Grade: 11, 12

Prerequisites: Career and Life Planning, Culinary Essentials, and Culinary Arts I

This course applies the skills needed in the culinary arts profession. It includes the application skills within a school-based, community-based experience or work-based internship and will cover an introduction of all aspects of an industry. Students enrolled in this course are expected to have mastered skills in the culinary field so that they are able to apply them in authentic experiences following industry standards and regulations. Competing in Skills USA culinary competition in the spring is required. An observation is needed to pass this course so transportation is essential. Formal culinary attire is required for this course and should be worn in the lab area at all times.

# **FOREIGN LANGUAGE**

## **4600/4601 SPANISH I**

**Y**

Prerequisite: "C" or better in English.

Grade: 9, 10, 11, 12

Spanish I provides a foundation for the development of audio-lingual, reading, and writing skills in the Spanish language. Emphasis is placed on understanding simple conversations, learning basic vocabulary, understanding and being able to answer simple questions in the language. The present tense is presented.

## **4610/4611 SPANISH II**

**Y**

Prerequisite: Spanish I

Grade: 10, 11, 12

Spanish II is a continuation of Spanish I and stresses a further development of audio-lingual, reading, and writing skills. More difficult conversations and questions are introduced, and speech patterns become more established. An appreciation for spoken Spanish is cultivated and difficult grammar constructions are learned. The preterite, imperfect, present progressive, and past progressive tenses are presented.

## **4620/4621 SPANISH III**

**Y**

Prerequisite: Spanish II with a B or better

Grade: 11, 12

In this course students study all of the linguistic structures of the Spanish language. Vocabulary study is greatly enhanced and the language is used to study about the people and places where Spanish is spoken. This is a college prep class and is taught almost exclusively in the language itself. Upon completion of this course students should be prepared to take intermediate and upper level college Spanish classes.

## **4630/4631 SPANISH IV**

**Y**

Prerequisite: Spanish III with a B or better

Grade: 12

This course reviews and reinforces all the structural linguistic patterns that are studied in Spanish I, II, and III. Students use the language to communicate on a more advanced level and to read literary and cultural selections in Spanish. Upon successfully completing this course the student will be well prepared for the upper level Spanish classes.

## **4500/4501 FRENCH I**

**Y**

Prerequisite: "C" or better in English.

Grade: 9, 10, 11, 12

This is an introductory class in basic French stressing listening, speaking, reading and writing skills. Students will learn how to communicate using common expressions in everyday situations. The main goal is to give the student the ability to use nouns and adjectives, form and answer questions and to talk on a number of subjects using the present tense. They also learn to talk about the immediate future and events which took place in the past. A basic practical vocabulary is studied at this level. Cultural information is incorporated into each unit.

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**4510/4511 FRENCH II**

**Y**

Prerequisite: French I

Grade: 10, 11, 12

French II is a continuation of French I with more emphasis being placed upon the reading and writing skills. This class is taught almost entirely in the French language. More complex language patterns are introduced and basic vocabulary is greatly expanded. The language itself is used extensively to study about French culture. Upon successful completion of this course the student will be familiar with all of the basic communication patterns of the French language.

**4520/4521 FRENCH III**

**Y**

Prerequisite: French II with a B or better

Grade: 11 or 12

This course is a continuation and reinforcement of French I and French II. There is an increased emphasis on using the French language to study French civilization and culture. At this level students study the two verb tenses, which are strictly literary in usage. This course is comparable to an intermediate level college French course.

**4525/4526 FRENCH IV**

**Y**

Prerequisite: French III with a B or better

Grade: 12

This course is a review and reinforcement of all the structural linguistic pattern and vocabulary that are studied in French I, II and III. Students will communicate in French on a more advanced level and will use the language to read literary and cultural selections in French. Upon successfully completing this course, the student will be well prepared for intermediate and advanced college French classes. This class will usually be offered concurrently with French III but students will be held to a higher standard.

## **HEALTH SCIENCE**

**9950/9951 INTRO TO HEALTH CARE**

**Y**

Grade: 10, 11, 12

This course provides students with the basic knowledge of health/wellness professionals in private business and industry, community organizations, and health care settings, as well as job opportunities, wage, and duties. This class includes instruction in personal health, community health and welfare, nutrition, epidemiology, disease prevention, fitness and exercise, and health behaviors that are associated with various health careers. Membership in HOSA/Skills USA is required and costs approximately \$20.00.

**9930/9931 MEDICAL TERMINOLOGY**

**Y**

Prerequisite: Health Science I with a grade of "C" and currently enrolled in Anatomy and Physiology

Grade: 11,12

In Medical Terminology, students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions. Membership in HOSA/Skills USA is required and costs approximately \$20.00.

**9940 CERTIFIED NURSING ASSISTANT (TWO HOURS)**

**S**

Prerequisite: Health Science I and II with a grade of "C"

Grade: 12

A program that prepares students to perform routine nursing-related services to patients in hospitals or long-term care facilities, under the training and supervision of an approved teacher, registered nurse or licensed practical nurse. This class results in the opportunity to test for KS certification in CNA. Membership in HOSA/Skills USA is required and costs approximately \$20.00.

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**9945 HEALTH CARE WORKPLACE EXPERIENCE (TWO HOURS)**

**S**

Prerequisite: Health Science III, grade "C"

Grade: 12

Health Career Workplace Experience provides students with Professional Learning Experiences (PLE) to gain extensive knowledge of health/wellness professionals in private/public industry, community organizations, and health care settings, as well as job opportunities, wage, and duties. Students will gain extensive knowledge in selected areas of health care, specific occupations, skills sets, educational requirements, credentials/licensure, and daily routines by participating in Job Shadows or Internships. This class includes instruction in specific skill sets related to health occupations, research on emerging trends, exploration of daily routines, understanding code of ethics, patient rights, standards and regulations, safety, and legal requirements. Collaboration with local healthcare professionals, organizations and businesses is highly encouraged to offer PLE with documentation of the student experience. The work experience may be paid or unpaid. Membership in HOSA/Skills USA is required and costs approximately \$20.00.

**3620/3622 ANATOMY AND PHYSIOLOGY**

**Y**

Prerequisite: Completion of Biology

Grade: 11 or 12

The purpose of this course is to study the structures and functions of vertebrates with emphasis on humans. All organs and organ systems pertaining to human A&P will be studied in detail, including relevant histological and pathological aspects. This class serves as a college prep class for students enrolled the Health Science Pathway. Additionally, students who have completed the prerequisites and have interest in the field of study may also enroll.

## **LANGUAGE ARTS DEPARTMENT**

**1008/1009 ENGLISH 9 CWC**

**Y**

Prerequisite: Standardized and MAP scores of 208 or below

Grade: 9

This course is designed for students whose state assessments and MAP scores indicate they could benefit from more individualized instruction and scaffolding. This course will explore numerous literary selections from *Course 4 Reader's Choice* textbook and texts that are at the student's instructional level. Students will become more familiar with the different kinds of texts using literary concepts or text features to interpret, analyze, comprehend, and respond to the texts. Vocabulary activities will focus not only on establishing a foundation of academic terms but also to help expand vocabulary, improve vocabulary skills, and prepare students for the vocabulary strands of standardized tests. This course will include a review of basic grammar, usage, and sentence fluency in effective written communication. The writing process and six-trait components will be emphasized. Students will use the five-paragraph essay as the basic foundation to develop writing skills in expository and persuasive pieces. A basic research paper will be required. Technology and oral communication projects will be integrated throughout the course. Formative assessments will be administered each quarter.

**1010/1011 ENGLISH 9**

**Y**

Grade: 9

This course will explore numerous literary genres from the *Course 4 Reader's Choice* textbook and other supplemental texts. Students will become more familiar with various kinds of texts using literary concepts or text features to interpret, analyze, comprehend, and respond to the text. Vocabulary activities will focus not only on establishing a foundation of academic terms but also to help expand vocabulary, improve vocabulary skills, and prepare students for the vocabulary strands of standardized tests. This course will include a review of basic grammar, usage, and sentence fluency in effective oral and written communication. The writing process and six-trait components will be emphasized. Students will use the five-paragraph essay as the basic foundation to develop writing skills in narrative, expository, persuasive, and technical pieces. A basic research paper will be required. Technology and oral communication projects will be integrated throughout the course. Formative assessments will be administered each quarter.

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**1020/1021•HONORS ENGLISH 9**

**Y**

Prerequisite: Completion of honors application, MAP score of 230 or above, and grade of “B” or better in 8<sup>th</sup> grade English

Grade: 9

This course will explore numerous literary genres from the *Course 4 Reader's Choice* textbook and other supplemental texts. Students will become more familiar with different kinds of texts using literary concepts or text features to interpret, analyze, comprehend, and respond to the text. Additional independent reading is required. Vocabulary activities will focus not only on establishing a foundation of academic terms but also to help expand vocabulary, improve vocabulary skills, and prepare students for the vocabulary strands of standardized tests. This course will include a review of basic grammar, usage, and sentence fluency in effective oral and written communication. The writing process and six-trait components will be emphasized. Students will use the five-paragraph essay as the basic foundation to develop writing skills in narrative, expository, persuasive, and technical pieces. Other major writing projects will be required including a research paper. Technology and oral communication projects will be integrated throughout the course. Formative assessments will be administered each quarter. Students must maintain a grade of “C” or higher to remain in the class.

**1028/1029 ENGLISH 10 CWC**

**Y**

Prerequisite: English 9 and qualifying test score.

Grade: 10

This course is designed for students whose state assessments and MAP scores indicate they could benefit from more individualized instruction. This course will explore numerous literary forms that are at the student's instructional level. Students will become more familiar with the different kinds of texts using literary concepts or text features to interpret, analyze, comprehend, and respond to the texts. This course will include a review of basic grammar, usage, and sentence fluency in effective written communication. The writing process and six-trait components will be emphasized. Students will use the five -paragraph essay as the basic foundation to develop writing skills in a variety of genres. A basic research paper will be required. Technology and oral communication projects will be integrated throughout the course. Formative assessments will be administered each quarter. State assessments will be administered as required.

**1030/1031 ENGLISH 10**

**Y**

Prerequisite: English 9

Grade: 10

This course will explore numerous literary forms from the textbook *Literature: The Readers Choice Courses* and other supplemental texts. Students will become more familiar with world literature by analyzing its themes, messages, and impact on society and culture, then and now. Additional independent reading may be required. This course will include a review of basic grammar, usage, and sentence fluency in effective oral and written communication. The writing process and six-trait components will be emphasized. Students will use the five-paragraph essay as the basic foundation to develop writing skills in a variety of genres. A research paper will be required. Technology and oral communication projects will be integrated throughout the course. Formative assessments will be administered each quarter. State assessments will be administered as required.

**1040/1041• HONORS ENGLISH 10**

**Y**

Prerequisite: MAP score 230 or above, grade of B or better in English 9 and completion of the honors application or a grade of C or better in Honors English 9.

Grade: 10

This course will explore numerous literary forms from the textbook *Literature: The Readers Choice Courses* and other supplemental texts. Students will become more familiar with world literature using literary concepts to interpret, analyze, and comprehend its themes, messages, and impact on society, then and now. Additional independent reading is required. This course will include a review of basic grammar, usage, and sentence fluency in effective oral and written communication. The writing process and six-trait components will be emphasized. Students will use the five-paragraph essay as the basic foundation to develop writing skills in a variety of genres. Other major writing projects will be integrated throughout the course. Technology and oral communication projects will be integrated throughout the course. Formative assessments will be administered each quarter. State assessments will be administered as required. Students must maintain a grade of “C” or higher to remain in the class.

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### **1105/1106 APPLIED ENGLISH 11**

**Y**

Prerequisite: English 10 and qualifying test score.

Grade: 11

This course is designed for students who are planning on entering a trade school, an apprenticeship, or the workforce after graduation. Although this course meets graduation requirements for English credits, it does not satisfy the requirements for Kansas Scholars or Kansas Qualified Admissions. Applied English focuses on student communication skills—reading, writing, listening, and speaking—concentrating on real-world applications. Students will develop the practical applicability of communication as a business tool by analyzing and developing technical reports and manuals, trade articles, business and consumer letters, résumés, and employment applications. Basic grammar, usage, vocabulary, and composition skills will be integrated into oral and written communication activities. Students will emerge from this course prepared to further develop their communication skills in Applied English 12.

### **1100/1101 ENGLISH 11**

**Y**

Prerequisite: English 10

Grade: 11

This course is designed for students who are planning on pursuing a post-secondary degree. This course meets graduation requirements for English credits as well as Kansas Scholars and Kansas Qualified Admissions. English 11 students will explore numerous literary forms from the textbook *American Literature* and other supplemental texts. Students will connect highlights from America's history to its literature by analyzing and evaluating the historical, social, and cultural aspects of the text read. Daily vocabulary exercises are used to expand vocabulary, improve vocabulary skills, and prepare for the vocabulary strands of standardized tests. This course will include a study of basic grammar and usage as well as develop sentence fluency skills. A research paper will be required. Technology and oral communication projects are integrated throughout the course. Students will emerge from this course prepared to continue their studies in English 12.

### **1110/1111● HONORS ENGLISH 11**

**Y**

Prerequisite: MAP score 230 or above, grade of B or better in English 10 and completion of the honors application or a grade of C or better in Honors English 10.

Grade: 11

This course is designed for students who are planning on taking English Composition I their senior year for dual or concurrent credit. This course meets graduation requirements for English credits as well as Kansas Scholars and Kansas Qualified Admissions. Advanced English 11 will explore numerous literary forms from American and British literature. Students will connect history to literature by analyzing and evaluating the historical, social, and cultural aspects of the texts. Daily vocabulary exercises are used to expand vocabulary, improve vocabulary skills, and prepare for the vocabulary strands of standardized tests. This course will include a study of basic grammar, usage, and sentence fluency in effective oral and written communication. Advanced English 11 students are required to dedicate time outside of class to reading and writing assignments in preparation for the expectations of future college composition courses. Students are expected to pursue ACT preparatory workshops and take the ACT before the end of the school year. Students will emerge from this course prepared to take English Composition I. Students must maintain a grade of “C” or higher to remain in the class.

### **1120/1121 ENGLISH 12**

**Y**

Prerequisite: English 11

Grade: 12

This course will explore numerous literary forms from the textbook *British Literature* and other supplemental texts including informational, argumentative, and persuasive pieces as well as novels. Students will connect highlights from Britain's history to its literature by analyzing and evaluating the historical, social and cultural contextual aspects of the text read. This course will include a review of common writing errors and provide numerous opportunities for developing writing skills in expository, persuasive, and technical pieces. At least one MLA research paper will be required. Technology and oral communication projects will be integrated throughout the course. Formative assessments will be administered each quarter.

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### **1135 LCC ENGLISH PRE-COMPOSITION**

**S**

Prerequisite: B or better in English 11 and teacher recommendation

Grade: 12

This course is designed to teach the student reading comprehension, critical thinking, and writing and grammar skills required to succeed in higher level reading/writing intensive college courses. In this course, students learn to read and evaluate information found in texts, and to generate topics, and write clear, well-organized paragraphs, as well as being responsive readers for other students.

### **1130 LCC ENGLISH COMPOSITION I**

**S**

Prerequisite: Enrolled in English Composition I. Reading and English score of 18 or higher on the ACT or a score of 255 or higher on the Accuplacer English test, GPA requirement, and a B or better in English 11.

Grade: 12

Students may choose to take English Composition I during their senior year for Concurrent Credit if they meet the following requirements: Students who qualify for the dual credit option must enroll in the semester class of 1125 Literature 12. A dropped or unattended course at LCC will result in an "F" on the high school transcript. Approximate course fee of \$153 and textbook cost of \$60-\$100.

### **1141 LCC ENGLISH COMPOSITION II**

**S**

Prerequisite: Completion of English Composition I

This course continues to develop students' abilities in basic communication skills covered in English Comp I and introduces students to the techniques of research. Persons who plan to receive any type of degree must be able to communicate effectively, both through the spoken and written word; this class provides guidance in the areas of traditional grammar and communication logic and gives students practice in applying the principles of exposition taught in English Composition I. In general, the class helps student's master language and provides critical thinking skills which are necessary in higher education. A dropped or unattended course at LCC will result in an "F" on the high school transcript. Approximate course fee of \$152 and textbook cost of \$60-\$100.

### **1122 LCC PUBLIC SPEAKING**

**S**

Prerequisite: Reading score of 18 or higher on the ACT or a score of 255 or higher on the Accuplacer English test. GPA requirement.

Grade: 11, 12

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. A dropped or unattended course at LCC will result in an "F" on the high school transcript. Approximate course fee of \$153 and a textbook is provided.

### **1533 READING FOR CREDIT**

**S**

Grade: 9, 10, 11, 12

This class is a semester-long course designed to give students an opportunity to read books of their choice in an independent format. The goal is to expand students' thinking and insight, maintain reading speed and comprehension while promoting an enjoyment of reading. Students will read a minimum of 3 books per nine week grading period. Book selection must be approved the instructor. Students are expected to read at least one book from the Distinguished Reader list per nine week grading period in order to receive an "A" in the course. An evaluation project for each reading selection must be turned in by assigned deadline. One written report is required each quarter and other projects may be chosen from the instructor approved list.

### **1220★ DEBATE**

**S**

Grade: 9, 10, 11, 12

This class introduces students to the debate process, as well as concentrates upon a current events topic in the form of a resolution set by the National Forensic League. Students will prepare for competitive debate by learning and practicing structured argumentation through exposure and implementation of debate theory, as well as through research, listening, speaking, critical thinking, and organizational skills. Because this class is a co-curricular activity, some tournament travel is required.

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**1250★ FORENSICS**

**S**

Grade: 9, 10, 11, 12

This class will introduce students to competitive speaking, both public speaking and dramatic performance, including student congress and Lincoln–Douglas debate, and various dramatic interpretation events. Students will learn the requirements of each event, as well as perform competitively in three different events. Because this class is a co–curricular activity, some tournament travel is required. This class can be taken for credit only once.

**1310★ DRAMA (1<sup>ST</sup> SEMESTER)**

**S**

Grade: 9, 10, 11, 12

Drama is a class intended to expose the student to drama as a participant, a designer, or audience member. The student will become acquainted with the technical side of theater by gaining knowledge about choreography, writing scripts, productions, acting, and directing. Assignments will involve acting, character development and lots of hands on activities. Beginning acting instruction will include pantomime, improvisation, characterizations studies, blocking, and performance. A willingness to participate is a MUST for this class.

**1312★ DRAMA (2<sup>ND</sup> SEMESTER)**

**S**

Grade: 9, 10, 11, 12

Drama is a class intended to expose the student to drama as a participant, a designer, or audience member. The student will become acquainted with the technical side of theater by gaining knowledge about choreography, writing scripts, productions, acting, and directing. Assignments will involve acting, character development and lots of hands on activities. Beginning acting instruction will include pantomime, improvisation, characterizations studies, blocking, and performance. A willingness to participate is a MUST for this class.

## MATHEMATICS

**3033/3034 GENERAL MATH**

**Y**

Prerequisite: Standardized test scores and/or teacher recommendation

Grade: 9, 10, 11, 12

General Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations

**3040/3041 PRE-ALGEBRA**

**Y**

Prerequisite: Standardized test scores and/or teacher recommendation, MAP score 230

Grade: 9, 10, 11, 12

Pre-Algebra is a year-long course to help students prepare for Algebra 1. Topics covered will be operations with integers and rational numbers, expressions, equations, ratios, proportions, percent, and functions. Students will also be exposed to area and volume calculations as well as basic statistics and probability.

**3050/3051 ALGEBRA I**

**Y**

Prerequisite: Standardized test scores and/or teacher recommendation, MAP score 235

Grade: 9, 10, 11, 12

Algebra I is a year course that will cover units in expressions and equations, linear functions, variables, equations, the real number system, problem solving, polynomials, nonlinear functions, radical and rational functions and data analysis. An introduction to factoring polynomials, algebraic fractions, and applications of fractions and using equations and systems of equations to solve problems will occur.

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### **3090/3091 GEOMETRY**

**Y**

Prerequisite: Algebra I with a D or better, standardized test scores, and/or teacher recommendation

Grade: 9, 10, 11, 12

Geometry is the study of a deductive system of reasoning and the application of geometric concepts. The course covers undefined terms, basic definitions, parallel lines, planes, right triangles, and congruent and similar figures. Students will be exposed and required to contrast proofs by deductive reasoning, informal proofs, and formal proofs, and indirect proofs. Geometric constructions using a compass and straightedge, computer application, etc. will be introduced.

### **3092/3093 • HONORS GEOMETRY**

**Y**

Prerequisite: Grade of B or better in Algebra I, MAP score of 240, and teacher recommendation

Grade: 9, 10, 11

Geometry is the study of a deductive system of reasoning and the application of geometric concepts. This course covers undefined terms, reasoning and proof, parallel and perpendicular lines, triangle relationships, proportions and similarity, transformations, and congruent and similar figures. Students will be exposed and required to contrast proofs by deductive reasoning, informal, formal, and indirect proofs. Geometric constructions using a compass and straightedge, computer applications, etc. will be introduced.

### **3070/3071 ALGEBRA II**

**Y**

Prerequisite: Algebra I with a D or better, teacher recommendation and/or standardized test scores

Grade: 10, 11, 12

Algebra II is a continuation of Algebra concepts needed to excel in higher mathematics. A year long course that covers topics: Solving equations and inequalities, linear relations and functions, systems of equations and inequalities, matrices, polynomials, quadratic functions and inequalities, and polynomial functions.

### **3072/3073 • HONORS ALGEBRA II**

**Y**

Prerequisite: Grade of B or better in Honors Geometry or a grade of A in Geometry, MAP score of 245, and teacher recommendation

Grade: 10, 11

Honors Algebra II is a continuation of Algebra concepts needed to excel in higher mathematics. A year long course that covers topics: Solving equations and inequalities, linear relations and functions, systems of equations and inequalities, matrices, polynomials, quadratic functions and inequalities, and polynomial functions. Honors Algebra II will move at a faster pace than Algebra II and will go into more depth. There will be an in-depth study of problems using a graphing calculator. There will be an ACT project in the spring after testing.

### **3106/3107 ALGEBRA III**

**Y**

Prerequisite: Completion of Algebra II

Grade: 11, 12

The class will cover properties of relations and functions, properties of radicals and radical expressions, properties of rational expressions, solving quadratic equations using radicals and the quadratic formula, and extending and building graphing concepts from lines to basic polynomial equations. This course will introduce systems of equations and single, double, and systems of linear inequalities. This class will have an intense ACT review.

### **3025/3026 TECHNICAL MATH**

**Y**

Prerequisite: Standardized test scores and/or teacher recommendation

Grade: 11, 12

Technical Mathematics courses extend student's proficiency in mathematics, and often apply these skills to technical and/or industrial situations and problems. Topics include rational numbers, systems of measurements, tolerances, numerical languages, statistics, algebra, geometry, and use of tables, graphs, and charts.

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### **3080 COLLEGE ALGEBRA (CONCURRENT CREDIT)**

**S**

Prerequisite: Students must have a score of 20 or higher on the math portion of the ACT or a score of 263 or higher on the Accuplacer math test

Grade: 11, 12

This course continues from Intermediate Algebra – 1718 to cover and extend the properties of functions and their inverses, properties and graphs of the exponential and logarithmic functions, graphing techniques for general higher order polynomials and rational functions, and various solution techniques for solving higher order linear systems of equations. Use of technology such as the graphing calculator and some computer packages will be incorporated into the course. A dropped or unattended course at LCC will result in an “F” on the high school transcript. Approximate course fee of \$153 and a textbook is provided.

### **3100 TRIGONOMETRY (CONCURRENT CREDIT)**

**S**

Prerequisite: Completion of College Algebra

Grade: 11, 12

This course will cover the basic trigonometric functions on the right triangle and extend to rules for solving non-right triangles. Trigonometric identities will be derived and proven. Complex numbers and applications to the sciences will be presented. This course should be taken by any student needing to take Calculus I who has not yet had any exposure to the trigonometric functions. This course is recommended for any student needing to take physics and is required for most pre-engineering and engineering programs. A dropped or unattended course at LCC will result in an “F” on the high school transcript. Approximate course fee of \$153 and a textbook is provided.

### **3103 LCC CALCULUS I**

**Y**

Prerequisite: Trigonometry, ACT score of 26 or higher.

Grade: 12

The first course in the calculus sequence will cover the concepts of limits and continuity of polynomial, rational, trigonometric, and exponential functions. The concepts of rate of change and derivative will be applied to these functions. The course will come to a close with the concepts of the anti-derivative and properties and definition of the definite integral. This course is required of any student seeking a degree in physics, mathematics, engineering, chemistry, and other related fields at a four-year institution. A dropped or unattended course at LCC will result in an “F” on the high school transcript. Approximate course fee of \$265 and textbook cost of \$200.

## **MUSIC DEPARTMENT**

### **4706/4707★ BAND**

**Y**

Prerequisite: Director’s approval

Grade: 9, 10, 11, 12

General Band courses develop students’ technique for playing brass, woodwind, and percussion instruments and cover a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles).-

### **4710/4711★ ORCHESTRA**

**Y**

Grade: 9, 10, 11, 12

The orchestra is open to all orchestral string musicians (violin, viola, cello, contrabass). Brass, woodwind and percussive musicians should contact the director to see what positions are available prior to enrollment. Musicians will further develop technical, theoretical, and historical competencies through large group, small ensemble, and solo opportunities. Further enrichment opportunities may be available through clinical, state festival and invitational performance-based learning experiences. Students are required to participate in all scheduled orchestral performance events. Failure to do so could result in a failing grade. Students must furnish personal instruments or may pay a nonrefundable annual fee for usage of a school-owned instrument (if available; the fee is currently set at \$30.00). All additional supplies (strings, rosins, oil, reeds, etc.) are the responsibility of each individual student.

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**4810/4811★ VIKING CONCERT CHOIR**

**S OR Y**

Grade 9, 10, 11, 12

The Parsons High School Concert Choir gives every student the opportunity to develop and perfect his or her own particular vocal talents. The student will learn the basic principles behind good singing. Some of these include breathing, posture, diction, and stylistic interpretation. The choir will sing music from the recognized masters. Trips are made to clinics, festivals, and state festivals. This course may be taken for credit more than one time. An educational trip is available in certain years. Contact the instructor for details. Students are required to participate in all scheduled performances in which the groups perform. Performances will be scheduled in the evenings and on weekends. Failure to participate in scheduled performances could result in a failing grade.

**4820/4821★ MUSIC COMPANY**

**Y**

Prerequisite: Enrollment by audition only.

Grades 9, 10, 11, 12

Members selected from the student body must not only be adequate singers but also serious in their approach to ensemble singing. They must be dedicated to the performance. Repertoire will concentrate on all types of music with the format of a pop a cappella vocal group. However, music from all periods of music history will be included. The Music Company gives the student an opportunity to further develop and perfect their own outstanding and unique musical talents. Interested string bass or electric bass, drum or guitar players should talk with the instructor before enrolling. The purchase of a uniform will be the responsibility of the participant. Gentlemen will be required to purchase a tuxedo. This tuxedo may be used more than one year. Trips are made to clinics, festivals, and state festivals. This course may be taken for credit more than one time. An educational trip is available in certain years. Contact the instructor for details. Students are required to participate in all scheduled performances in which the groups perform. Performances will be scheduled in the evenings and on weekends. Failure to participate in scheduled performances could result in a failing grade.

**4815/4816★ GUITAR**

**S OR Y**

Prerequisite: Application process

Grades 9, 10, 11, 12

Students in Guitar class are introduced to the fundamentals of music and guitar playing techniques, such as strumming and chords. This course can include advanced guitar players wanting to learn advanced techniques.

## **PHYSICAL EDUCATION DEPARTMENT**

**8040/8041-FRESHMAN PHYSICAL EDUCATION AND HEALTH (FEMALE)**

**Y**

**8042/8043-FRESHMAN PHYSICAL EDUCATION AND HEALTH (MALE)**

Grade: 9

This class is an all male or all female class designed to give the incoming student an overall exposure to what the physical education department has to offer in the fitness and sport areas. Students will be introduced to fitness topics, volleyball, flag football, basketball, bowling, soccer, floor hockey, pickleball, badminton, softball, weightlifting, and lacrosse. The Health subjects covered are designed to give students a deeper knowledge and understanding of how to live a healthy life and safeguard against health risks. Subjects covered include fitness, nutrition, human sexuality, sexually transmitted diseases, communication skills, drug and alcohol abuse, as well as first aid and CPR. This is a course in resistance training techniques including circuit and free weights. Fundamentals such as flexibility, safety, self-improvement and principles of exercise are emphasized,

**8012/8013 INTRO. STRENGTH/CONDITIONING AND HEALTH (COED)**

**Y**

Grade: 9

This course is provided for the novice weightlifter to introduce them to the proper techniques for strength training. Subjects covered include fitness, nutrition, human sexuality, sexually transmitted diseases, communication skills, drug and alcohol abuse, as well as first aid and CPR

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### **8010/8011 STRENGTH/CONDITIONING**

**S**

Grades: 10, 11, 12

This class is designed for students who wish to become stronger as well as increasing physical ability. This class will assist the student in performing at the highest level of their abilities. Upon completion of this class, the student will have a more in depth knowledge of a variety of training regiments. This class will develop proper sport and strength training techniques.

### **8014/8015 ADVANCED WEIGHT TRAINING**

**S**

Grades: 10, 11, 12

Students enrolled in this class will be expected to attend and compete in Powerlifting competitions. This class is designed for students who wish to become stronger as well as increasing physical ability. This class will assist the student in performing at the highest level of their abilities. Upon completion of this class, the student will have a more in depth knowledge of a variety of training regiments. This class will develop proper sport and strength training techniques.

### **8050 ADVANCED PHYSICAL EDUCATION**

**S**

Grades: 10, 11, 12

This class is designed for students who have completed Freshmen PE/Health and love sport activities. The class will include basketball, flag football, tennis, volleyball, pickleball, badminton, table tennis, soccer, along with variations of all the above sports. The goal of this class is to keep students physically active in sports. Activities vary in accordance with the weather.

## **SCHOOL SERVICE AND WORK STUDY**

### **9231 OFFICE AIDE (FIRST SEMESTER)**

**S**

### **9232 OFFICE AIDE (SECOND SEMESTER)**

Prerequisite: Students must have passed all classes the previous semester. They must have a 2.5 GPA and no more than ten absences.

Grade: 12. Students will not be considered a senior until they have 18 credits at the beginning of the fall semester of their senior year. This class will be graded on a **pass/fail** basis and have no effect on the student's grade point average.

### **9960/9961 WORK STUDY (1 HOUR)**

**S**

Prerequisite: Administration permission. Must be employed.

Grade: 12

This is a course for seniors who want to learn specific skills. Students must have an approved job within one week from the start of the semester and will be released during the enrolled hour to work. The student will put into practice the job getting skills and the job retention skills. The student should work an average of five hours each week (90 hours per semester). The student is responsible for providing his/her own transportation. The student will keep a record of hours worked. The student will be required to turn in pay stubs. It is recommended that students not work for a family member.

### **9962/9963 WORK STUDY (2 HOUR)**

**S**

Prerequisite: Administration permission. Must be employed.

Grade: 12

This is a course for seniors who want to learn specific skills. Students must have an approved job within one week from the start of the semester and will be released during the enrolled hour to work. The student will put into practice the job getting skills and the job retention skills. The student should work an average of ten hours each week (180 hours per semester). The student is responsible for providing his/her own transportation. The student will keep a record of hours worked. The student will be required to turn in pay stubs. It is recommended that students do not work for a family member.

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## SCIENCE

### **3210/3211 GENERAL SCIENCE**

**Y**

Grade: 9

This course is designed to introduce the basic concepts of chemistry and physics. Concepts such as laboratory equipment, scientific measurement, and scientific method will be emphasized throughout the year. Teaching techniques will include lecture and note taking, lab activities, teacher demonstrations and cooperative learning.

The student will have experiences in making observations, basic laboratory skills and analysis of experimental data. Emphasis will be placed on writing chemical formulas and chemical equations, problem solving, application of Newton's Law of Motion and the uses of energy in nature. The student will be required to keep a notebook for daily work and lab work. The class will meet the 9th grade science requirement.

### **3220/3221 •HONORS GENERAL SCIENCE**

**Y**

Prerequisite: Completion of or current enrollment in Algebra I, B or better in 8<sup>th</sup> grade science, and completion of honors application.

Grade: 9

This course is designed for the more advanced science student who wants an accelerated, more in-depth study of general science. The concepts of laboratory equipment, scientific measurement and the scientific method will be stressed throughout the year while studying the various principles of chemistry and physics. Emphasis will be placed on problem solving processes and independent research. Each student will be required to keep a notebook for daily work and lab work. A comprehensive final will be given.

### **3500/3501 BIOLOGY**

**Y**

Prerequisite: Students wanting to enroll in Biology must pass at least one semester of General Science.

Grade: 10

This course is designed to introduce students to the chemical and structural basis of life and the conditions necessary to maintain life. Students will work in the areas of cytology, genetics, microbiology, zoology and botany. Students will work in the areas of cytology, genetics, microbiology, zoology, and botany. The course includes the interaction and importance of the relationship between man and the other life forms. Concepts such as laboratory equipment, scientific measurement and scientific method will be emphasized throughout the year. Teaching techniques will include class discussions, note talking, lab activities, teacher demonstrations and cooperative learning. Lab work will include using the microscope and dissection. Each student will be required to keep a notebook for daily work and lab work.

### **3503/3504 ESSENTIAL STANDARDS-BASED BIOLOGY**

**Y**

Prerequisite: Students are placed using teacher recommendation, standardized test scores, and reading level.

Grade: 10

This course is designed for students whose test scores indicate they could benefit from more individualized instruction. This course is designed to introduce students to the chemical and structural basis of life and the conditions necessary to maintain life. Students will work in the areas of cytology, genetics, microbiology, zoology and botany. The course includes the interaction and importance of the relationship between man and the other life forms. Concepts such as laboratory equipment, scientific measurement and scientific method will be emphasized throughout the year. Teaching techniques will include class discussions, note talking, lab activities, teacher demonstrations and cooperative learning. Lab work will include using the microscope and dissection. Each student will be required to keep a notebook for daily work and lab work.

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### **3510/3511 • HONORS BIOLOGY**

**Y**

Prerequisite: Completion of General Science with a B or better and completion of the honors application or completion of Honors General Science with a C or better.

Grade: 10

This course is designed for the more advanced science student who wants an accelerated, more in-depth study of biology. The concepts of laboratory equipment, scientific measurement, and the scientific method will be stressed throughout the year while studying the various principles of biology. Emphasis will be placed on problem-solving processes, laboratory experimentation, application of studied principles to real life, and independent research. Each student will be encouraged to keep a notebook for daily work and lab work. A comprehensive final will be given. The class will fulfill the requirements for 10th grade biology.

### **3240/3241 EARTH AND SPACE SCIENCE**

**Y**

Prerequisite: Completion of Biology.

Grade: 11, 12

This course is designed to study Planet Earth's place in the Solar System and the Galaxy. The atmosphere, surface, and core of the Earth and it's moon are also studied. Comets, asteroids, black holes, supernovae, rocks and volcanoes will be topics of study and discussion. Field trips to local observatories and/or the Kansas Cosmosphere are possible depending on time and funds available.

### **3310/3311 CHEMISTRY**

**Y**

Prerequisite: Algebra I with a grade of "C" or better and completion of Biology

Grade: 11, 12

This course is based on book study and laboratory experimentation with an emphasis on problem solving and theory as a preparation for further study in Chemistry at the college level. Basic study of matter, its composition, and the changes matter undergoes are included in units of study such as (1) the structure of the atom, (2) the periodic table, (3) chemical bonding, (4) writing formulas and equations, (5) kinetic theory, (6) stoichiometry, (7) solutions and equilibrium, (8) the gas laws, and (9) acids and bases.

### **3320/3321 • HONORS CHEMISTRY**

**Y**

Prerequisite: Algebra II with a grade of "B" or better and completion of Biology.

Grade: 11, 12

Students enrolling in Honors Chemistry should have completed Honors General Science and Honors Biology. Honors Chemistry will be an accelerated, in-depth study of the chemical principles studied in Chemistry with added independent study of other principles. This course is recommended for students wishing to have a college major in fields of science, engineering, math or medicine.

### **3620/3622 ANATOMY AND PHYSIOLOGY**

**Y**

Prerequisite: Completion of Biology

Grade: 11 or 12

The purpose of this course is to study the structures and functions of vertebrates with emphasis on humans. All organs and organ systems pertaining to human A&P will be studied in detail, including relevant histological and pathological aspects. This class serves as a college prep class for students enrolled the Health Science Pathway. Additionally, students who have completed the prerequisites and have interest in the field of study may also enroll.

### **3250/3251 • PHYSICS**

**Y**

Prerequisite: Algebra II with a B or better..

Grade: 12

The major emphasis in the course is based on the applications of principles to solve problems with most of the time devoted to the fields of mechanics, heat, light, and electricity. This course is recommended for college-bound students majoring in math, science, medicine, music education, agronomy, and food science.

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## SOCIAL SCIENCE

### **2000/2001 •HONORS WORLD HISTORY**

**Y**

Prerequisite: A grade of a B or better in 8<sup>th</sup> grade Social Studies and passing the entrance and skills exam

Grade: 9

The World History course covers the time period round around 1300 B.C. through the fall of the Soviet Union in the early 1990s. The course will cover intellectual trends, revolutionary movements, social interactions, political ideologies, economic theories, and geographical impacts. Honors will require an intense amount of writing work on top of regular class work.

### **2700/2720 WORLD HISTORY**

**Y**

Grade: 9

The World History course covers the time period round around 1300 B. C. through the fall of the Soviet Union in the early 1990s. The course will cover intellectual trends, revolutionary movements, social interactions, political ideologies, economic theories, and geographical impacts.

### **2600/2601 U. S. HISTORY**

**Y**

Grade: 10

This high school course of study begins with a review of major ideas, issues, and events of the late 19<sup>th</sup> century including imperialism, industrialization, and immigration. Students will then concentrate on critical events, people, groups, ideas, and issues of the period from 1900 to the present, including Progressivism, World War I, the 1920s, the Great Depression and New Deal, World War II and its aftermath, and the Civil Rights Movement.

### **2610/2611 •HONORS U.S. HISTORY**

**Y**

Prerequisite: A grade of a B or better in World History and completion of entrance exam or grade of C or better in Honors World History.

Grade: 10

This high school course of study begins with a review of major ideas, issues, and events of the late 19<sup>th</sup> century including imperialism, industrialization, and immigration. Students will then concentrate on critical events, people, groups, ideas, and issues of the period from 1900 to the present, including Progressivism, World War I, the 1920s, the Great Depression and New Deal, World War II and its aftermath, and the Civil Rights Movement.

### **2010 AMERICAN GOVERNMENT**

**S**

Grade 11, 12

This is a systematic study of the development and structure of the Federal Government. Topic areas include: theories of economic and political systems of government, colonial foundations, the Constitution, citizenship, politics, and the Legislative, Executive, and Judicial branches of government. The class will also study state, county and local government. The emphasis of this course is on interpretation and analysis of data rather than on a mere recognition of facts.

### **2200 SOCIOLOGY**

**S**

Grade: 11 and 12

The study of sociology examines the ways people interact with one another. It will be shown as a young and dynamic science, which is rapidly expanding all over the world as man seeks to better understand himself and his relationships with others. We will discuss sociology as a behavioral science, investigating the development and basic characteristics of sociology and the procedure that sociologists use.

### **2400 CURRENT SOCIAL ISSUES**

**S**

Grade: 11 or 12

This class will be exploring how the politics of the world interact and how issues in the United States and foreign countries affect students in Parsons, Kansas.

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**2410 LCC PSYCHOLOGY (CONCURRENT CREDIT) S**

Prerequisite: The student must meet G.P.A requirement **and** the student must have a Reading score of an 18 on their ACT or a score of 255 or higher on the Accuplacer English test.

Grade: 11 or 12

This course surveys the field of human psychology. It is the first course offered in psychology and, as such, it introduces the student to the fundamental methods and points of view in the scientific study of human behavior. A dropped or unattended course at LCC will result in an “F” on the high school transcript. **Approximate course fee of \$153 and a textbook is provided.**

**2405 LCC AMERICAN HISTORY TO 1877 (CONCURRENT CREDIT) S**

Prerequisite: The student must meet G.P.A requirement **and** the student must have a Reading score of an 18 on their ACT or a score of 255 or higher on the Accuplacer English test.

Grade: 11 or 12

A survey of the social, political, cultural, diplomatic, and economic development of North America, The British Colonies, and the United States before the arrival of Europeans to 1877. **Approximate course fee \$153 and a textbook is provided.**

## STUDENT SUPPORT

**9090/9091 ACADEMIC SUPPORT S**

GRADE: 9, 10, 11, AND 12

This program is designed to help address, in a proactive manner, students who are having academic difficulties. The three main components of the program are academic instruction, tutorial support, and motivational activities. Enrollment in this program comes through the recommendations of the Student Improvement Team (SIT), which looks at students through parent and teacher requests. When a student is in need of this program they will be removed from an elective class or classes to attend this class. Students will be evaluated at the end of each semester to see if they need to remain in the program. This is not an optional program; once the students have been selected they will remain there for that semester.

**9000/9005 JAG 9<sup>TH</sup> GRADE Y**

**9010/9015 JAG 10<sup>TH</sup> GRADE**

**9020/9025 JAG 11<sup>TH</sup> GRADE**

**9030/9035 JAG 12<sup>TH</sup> GRADE**

Prerequisite: Interview with JAG Specialist for qualification

Grade: 9, 10, 11, 12, follow up period

JAG-K (Jobs for America’s Graduates - Kansas) is a career exploration and preparation program that provides a hands-on approach in exploring personal strengths and challenges as well as job attainment skills (cover letter, resume, job application, interviewing, etc. ) and work place “survival” skills (interpersonal relations, team work, etc.). Students will work to build strengths in academic areas, time management, and communication. The individual and team project work will also help students come to an understanding of personality and temperament and the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through development of an Individual Career Development Plan. This full-year, credited course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips, and career exploration through job shadowing and/or an internship. Students will also participate in the JAG-K Career Association in various activities focused on Career and Leadership Development, Service Learning, and Civic/Social Awareness.

*Classes with weighted grades are marked with a • by the course number  
Classes for fine arts are marked with a ★ by the course number.*

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