

# Shawnee Heights High School

## *Course Offerings 2020–2021*



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## COUNSELING SERVICES

The counseling staff works with young adults in academic, career and personal counseling. The counselors are here to help you make quality choices as you progress through high school. Together, you and your counselor can explore:

Academic strengths, abilities and possibilities

Course selections

What happens after high school? Work? Washburn Tech? Community College? University? Military?

Job and career planning, Individual Plans of Study, Career Pathways in Career Technical Education

Personal/social issues

Decision-making skills

Help is available to you whenever you need it. All you need to do is stop by the counseling office and sign up to see your counselor. Counselor assignments are made by the first letter of the student's last name. Listed below are the counselors and the part of the alphabet they represent.

A – G	Mr. Skaggs	<b>skaggs@usd450.net</b>	(785)730-5066
H – N	Mrs. Crimmins	<b>crimminsl@usd450.net</b>	(785)730-5053
O – Z	Ms. Finnegan	<b>finneganm@usd450.net</b>	(785)730-5085

### The Scheduling Process

The program of studies at Shawnee Heights High School has been developed to give students a wide variety of learning experiences in both depth and breadth. Many courses are listed in a planned sequence. The grade level placement of each course is listed in the course description.

The scheduling process is the shared responsibility of students, parents, teachers, and counselors. All contribute ideas and information which result in effective educational programs for students. Since students' educational programs have implications for post-high school education and career choice, careful planning is required. Parents assist students in the selection process by discussing alternatives with them and by helping them analyze their individual interests, needs, and goals. Involvement of parents provides students with the support, encouragement, and knowledge that are needed for this important step in educational planning.

### The Importance of Course Selection

If students give careful thought to their future, they will realize that course selection is a means to an end, not an end in itself. Students are encouraged to seek information as needed from parents, teachers, counselors, and others in order to make sound course selection choices. Personal conferences can be scheduled with teachers or counselors by calling the counseling office.

Based on students' course selections and staff recommendations, appropriate courses will be scheduled. Low enrollment courses will be deleted or revised from the final course schedule. Students must include and choose alternate courses carefully, as these will be used if first choice classes are unavailable.

Students should review the college admissions guidelines addressed in this booklet when selecting courses. A tentative four-year high school plan would be very helpful.

### Schedule Changes

Each spring the master schedule is developed as a result of student requests and staff recommendations for courses. Considerable effort is invested to ensure the best possible schedule for every student at that time. Students are given the opportunity to change their schedule for a limited time prior to each semester. They need to adhere to the timeframe set up for doing this. These deadlines are provided to students through announcements and email notification.

The following are justified reasons for rescheduling: missing prerequisites, rescheduling because of summer school, fee requirement issues, graduation requirement needs and a desire to take a more challenging course load. Any changes made after the start of each semester will be at the request of the teacher or counselor and with an administrator's approval for the purpose of balancing class enrollments or other extenuating circumstances. Students who do not enroll according to the established procedure will forfeit class choices and schedule changes, and will be placed in appropriate classes, as determined by their Counselor.

## Earning College Credit in High School

Sophomores, juniors and seniors may earn college credit by taking dual-credit classes. These are college classes taught at SHHS. Tuition is paid directly to the college and a transcript is created through the institution. While there is no limit to the total college credit hours earned in high school, Washburn will not let you take more than 6 hours credit per semester without written approval from your high school counselor. In order to take any dual credit course you must have a cumulative GPA of 3.0. Some classes require an ACT or Accuplacer test score. See your counselor for details.

## 2020-2021 Dual Credit Course Offerings

### Washburn University

MA 114 College Algebra—3hours  
MA 140 Statistics—3 hours  
EN 101 Freshman Comp - First Year Writing—3 hours  
EN 135 Introduction to Literature—3 hours  
HI 111 History of the US I—3 hours  
HI 112 History of the US II—3 hours  
BI 100 & BI 101 Intro to Biology—5 hours  
SP 101 Beginning Spanish I—4 hours  
SP 102 Beginning Spanish II—4 hours  
MU 100 Enjoyment of Music—3 hours

### Allen Community College

CM 101 Public Speaking—3 hours  
Allen CC classes are subject to change depending on instructor availability and Washburn approval. Each semester there are a number of online classes students can take without cost through ACC. These classes are part of SB155 and are subject to the KS Legislative approval. These classes should fit in a student's individualized plan of study and the selected career pathway. If you are interested in this program see your counselor for a complete list and enrollment information.

\*\*Tuition is paid directly to the institution. 2019-2020 costs for classes are as follows: Washburn University tuition rate is \$150 per credit hour and students can rent or purchase textbooks. Allen CC tuition rate is \$99 per credit hour, which includes textbook rental. Tuition is subject to change based on the institutions. Allen CC offers some courses free to the student, paid for by Senate Bill 155.

## 2020-2021 AP Course Offerings

Transfer policies based on AP Exam scores can be found at the following web address:

<http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp>

AP Calculus AB

AP Chemistry

AP Computer Science A

AP Human Geography

AP Language & Composition

AP Literature & Composition

AP Physics 1

AP Research

AP Seminar

AP Studio Art

AP Art History

AP United States Government & Politics

AP United States History

AP World History



## Weighted Grades

Shawnee Heights High School has a weighted grading scale which affects grade point average, rank in class, and honor roll. Weighted grades apply to the following classes:

All Dual Credit Classes

All Advanced Placement (AP) Classes

Language Arts: Honors Freshman English, Honors Sophomore English

Math: Honors Integrated Math I, Honors Integrated Math II, Honors Integrated Math III, Trigonometry

Science: Physics II

## Course Retake Policy

Previously Failed Classes

If a student re-takes a class he/she has previously failed, the "F" will remain on the transcript. The new grade is also entered on the transcript and a new GPA is figured using only the new grade. This includes classes taken outside of our district and Spanish I and Integrated Math I in 8th grade at Shawnee Heights.

Re-Take of Previously Passed Classes

If a student re-takes a class he/she has previously passed, both grades will be placed on the transcript, but only the highest grade will be used for credit and figured into the GPA. This includes classes taken outside of our district and Spanish I and Integrated Math I in 8th grade at Shawnee Heights. The letter "R" (on the transcript) will denote a repeated class.

## A/Pass/Fail Option

Under certain circumstances, students have the option to elect to enroll in a course for a grade or for A/Pass/Fail. A student may enroll in only one A/Pass/Fail course per semester. To enroll in a course under the A/Pass/Fail option, a student must be a senior with at least a 2.0 GPA and have met all graduation requirements.

If the student earns an A in the course, this is recorded on the transcript. If the student earns a grade of B, C, or D this is recorded as CR or P on the transcript, and is not figured in the student's cumulative grade point average. If the student fails the course, a grade of F is recorded, and this grade is figured in the student's cumulative grade point average.

In order to take a class A/Pass/Fail students must obtain the request form from the Counseling Office and have it signed by the student, teacher, and parent. Requests must be submitted by the Friday of the week following P/T Conferences each semester.

## Early Graduation

Seniors who have completed all their requirements and have parental permission have the option to graduate at the end of the first semester. All seniors must enroll in and attend SEVEN classes during the first semester according to district policy. All seniors who request the early graduation option for second semester MUST have parental and administrative approval. Diplomas will be awarded during commencement exercises in the spring.

## NCAA Academic Eligibility

Prospective student athletes who plan to participate in intercollegiate athletics at a Division I or Division II college should check the NCAA eligibility center at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)

## NAIA Academic Eligibility

Prospective student athletes who plan to participate in intercollegiate athletics at a NAIA college should check the NAIA eligibility center at [www.playnaia.org](http://www.playnaia.org)

## COLLEGE ADMISSION REQUIREMENTS MATRIX

<b>SHHS Diploma</b>	<b>Kansas Regents Universities</b>	<b>Kansas Scholars Curriculum</b>
Qualifies students for admission to Kansas community colleges and technical schools and Washburn University.  24.5 Credits Needed to Graduate	Admission to Kansas Regents Universities no longer requires specific courses. Specific University Admissions requirements listed below.	Qualifies students for state sponsored scholarships; funding not guaranteed This is Shawnee Height's most rigorous curriculum.
<b>English - 4 Credits</b>  1 Freshman English 1 Sophomore English 1 Junior English 1 Senior English	<b>Emporia State University</b> <b>Pittsburg State University</b> <b>Fort Hays State University</b> <b>Wichita State University</b>  <b>ACT: 21+ <u>OR</u> Cumulative GPA of 2.25</b>  <b>2.0 Cumulative GPA on any college courses taken while in high school.</b>  <b>Kansas State University</b>  <b>ACT: 21+ <u>OR</u> Cumulative GPA of 3.25</b>  <b>2.0 Cumulative GPA on any college courses taken while in high school.</b>  <b>University of Kansas</b>  <b>ACT: 21+ <u>AND</u> Cumulative GPA of 3.25</b>  <b>OR</b> <b>ACT: 24+ <u>AND</u> Cumulative GPA of 3.00</b>  <b>2.0 Cumulative GPA on any college courses taken while in high school.</b>	<b>English - 4 Credits</b>  1 Freshman English 1 Sophomore English 1 Junior English 1 Senior English
<b>Science - 3 Credits</b>  1 Biology 1 Electives 1/2 Integrated Science A 1/2 Integrated Science B -OR- 1 Semester of Physics		<b>Science - 3 Credits</b>  1 Biology 1 Chemistry 1 Physics <i>A fourth year of science is recommended.</i>
<b>Math - 3 Credits</b>  Selected from Shawnee Heights mathematics courses.		<b>Math - 4 Credits</b>  1 Algebra I* or Math I 1 Geometry or Math II 1 Algebra II or Math III 1 credit beyond Algebra II or Math III <i>*Algebra taken in the 8<sup>th</sup> grade is accepted.</i>
<b>Social Studies - 3 Credits</b>  1 US History 1/2 US Government 1 and 1/2 electives		<b>Social Studies - 3 Credits</b>  1 US History 1/2 US Government 1/2 World History or World Geography 1 elective
<b>Foreign Language</b> Not required		<b>Foreign Language - 2 Credits</b> Same Language
<b>Physical Education - 1 Credit</b>  1/2 Teen Topics 1/2 activity class		<b>Physical Education - 1 Credit</b>  1/2 Teen Topics 1/2 activity class
<b>Fine Arts - 1 Credit</b>		<b>Fine Arts - 1 Credit</b>
<b>Elective Credits - 9.5 Credits</b>		<b>Elective Credits - 6.5 Credits</b>

# GRADUATION CREDITS CHECKSHEET

Based on requirements listed on previous page

CONTENT AREA	SHHS DIPLOMA KANSAS REGENTS UNIVERSITIES 24.5 Total Credits	KANSAS SCHOLARS CURRICULUM
LANGUAGE ARTS	4 Credits 1 Freshman English 1 Sophomore English 1 Junior English 1 Senior English ½ ½ ½ ½ ½ ½ ½ ½	4 Credits 1 credit each year (excludes debate, journalism, and theater)  ½ ½ ½ ½ ½ ½ ½ ½
SCIENCE	3 Credits 1 Biology 2 Elective  ½ ½ ½ ½ ½ ½	3 Credits 1 Biology 1 Chemistry 1 Physics ½ ½ ½ ½ ½ ½
MATHEMATICS	3 Credits Selected from SH Math courses  ½ ½ ½ ½ ½ ½	4 Credits 1 Algebra I or Math I 1 Geometry or Math II 1 Algebra II or Math III 1 credit beyond Algebra II ½ ½ ½ ½ ½ ½ ½ ½
SOCIAL STUDIES	3 Credits 1 US History 1/2 US Government 1 and 1/2 elective  ½ ½ ½ ½ ½ ½	3 Credits 1 US History 1/2 US Government 1/2 World History, World Geography, or International Relations 1 Elective ½ ½ ½ ½ ½ ½
FOREIGN LANGUAGE		2 Credits (Same Language) ½ ½ ½ ½
PHYSICAL EDUCATION	1 Credit 1/2 Teen Topics or NJROTC 1/2 activity class	1 Credit 1/2 Teen Topics or NJROTC 1/2 activity class
FINE ARTS	1 Credit ½ ½	1 Credit ½ ½
ELECTIVE CREDITS	9.5 Credits ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½	6.5 Credits ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½ ½

## BUSINESS

Business education provides general business information and skills to enhance every individual as a citizen and consumer. Business education prepares students for entry and advancement in jobs within business. It prepares students to handle business affairs and to function intelligently as consumers and citizens in a business economy.

### BUSINESS COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Accounting I	h6616	1/2		X	X	X	
Accounting II	h6617	1/2			X	X	Accounting I
Marketing	h6630	1/2			X	X	
Entrepreneurship	h6601	1/2		X	X	X	Marketing or Accounting I
Business Communications	h6625	1/2	X				
Banking and Finance (Bank of Shawnee Heights High School)	h6621A	1			X	X	Accounting I (Must Apply for Acceptance)
Applied Business Development (T-Bird Grounds Coffee Shop)	h6655	1/2			X	X	Marketing or Accounting I, Entrepreneurship preferred (Must Apply for Acceptance)
Finance Workplace Experience (Bank of Shawnee Heights)	h6660	1			X	X	Banking & Finance (Must Apply for Acceptance)
Personal Finance	h6621	1/2			X	X	
Work-Site Education	h14516	1/2			X	X	See Course Description

### Accounting I

h6616

Prerequisite: None – Recommended taking Accounting II after taking this course.

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12              CTE Pathways: Business Finance

This course introduces and expands upon the fundamental accounting principles and procedures used in businesses. (It is recommended that students who complete this course enroll in Accounting II also.) A course fee is assessed. See current fee schedule.

Course content includes ...

1. Utilizing accounting tools to monitor the use of financial resources.
2. Explain cash control procedures.
3. Perform accounting functions specific to a merchandising business.
4. Maintain inventory records to track the value and quantity of current assets.
5. Complete payroll procedures.

### Accounting II

h6617

Prerequisite: Accounting I

Credit: ½                      NCAA Core Credit: No

Grade: 11, 12              CTE Pathways: Business Finance

This course expands upon the fundamental accounting principles and procedures used in businesses. A course fee is assessed. See current fee schedule.

Course content includes ...

1. Perform accounting functions specific to a partnership.
2. Determine suitable internal accounting controls to ensure proper recording of financial transactions.
3. Access financial information to assist business decision-making.
4. Utilize career planning concepts to explore an accounting career.

Marketing h6630

Prerequisite: none

Credit: ½                      NCAA Core Credit: No

Grades: 11, 12              CTE Pathways: None

This course focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. A course fee is assessed. See current fee schedule.

Topics included...

- |                                     |                               |
|-------------------------------------|-------------------------------|
| 1. Channel Management               | 3. Product/Service Management |
| 2. Marketing Information Management | 4. Promotion                  |

You will acquire knowledge of ...

- |  |  |
|--|--|
| 1. Global Marketing Strategies             | functions  |
| 2. Selecting Target Markets                | 6. Key factors in building clientele                 |
| 3. Identifying Market Goals and Objectives | 7. Motivational theories that impact buying behavior |
| 4. Factors affecting pricing decisions     |  |
| 5. The nature and score of the selling     |  |

Entrepreneurship h6601

Prerequisite: Marketing or Accounting I

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12              CTE Pathways: Business Management and Entrepreneurship, Business Finance

Entrepreneurship will acquaint you with the knowledge and skills necessary to own and operate your own business. Topics from several fields for the course content include: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. A course fee will be assessed. See current fee schedule.

Students completing this course will ....

- |                          |                                   |
|--------------------------|-----------------------------------|
| 1. Write a Business Plan | 3. Plan Business Finances         |
| 2. Market a Business     | 4. Plan Organization & Management |

Business Communications h6625

Credit: ½                      NCAA Core Credit: No

Grade: 9                      CTE Pathways: Business Management and Entrepreneurship

Business Communications course 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, communication 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.

Banking and Finance (Bank of Shawnee Heights High School) h6621A

Prerequisite: Accounting I, Accounting II preferred (By Application Only)

Credit: 1 Credit – Year Course                      NCAA Core Credit: No

Grade: 11, 12                      CTE Pathways: Business Finance

This class provides students with an overview of the American monetary and banking system as well as types of government regulations; checking, savings, and money market accounts; loans; investments; and negotiable instruments by working in various positions within the T-Bird Bank. Students will also gain personal finance knowledge.

Applied Business Development (T-Bird Grounds Coffee Shop) h6655

Prerequisite: Marketing or Accounting I, Entrepreneurship preferred (Must Apply for Acceptance)

Credit: ½                      NCAA Core Credit: No

Grade: 11, 12                      CTE Pathways: Business Management and Entrepreneurship

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. This class achieves the real-world experience and applications that will be encountered in owning and managing a business through the operation of T-Bird Grounds.

Finance Workplace Experience (Bank of Shawnee Heights High School) h6660

Prerequisite: Banking & Finance (Must Apply for Acceptance)

Credit: 1 Credit – Year Course                      NCAA Core Credit: No

Grade: 12    CTE Pathways: Business Finance

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. This class achieves the real world experience and applications that will be encountered in owning and managing a business through the operation of T-Bird Grounds.

Personal Finance h6621

Prerequisite: None

Credit: ½    NCAA Core Credit: No

Grade: 11, 12    CTE Pathways: None

Did you know that over the course of a student's life he/she will earn over a million dollars? This course is designed to provide students with the tools to make, manage, multiply, and protect hard-earned money and become financially fit. The course will also emphasize the use of handheld devices for managing money and making it grow.

A course fee is assessed. See current fee schedule.

Students completing this course will ...

1. Be attentive to Saving, Time Value of Money, Credit, Retirement, and Investing.
2. Develop financially healthy habits.
3. Be guided on money management strategies.
4. Be guided on health, disability, and life insurance.
5. Be guided on real estate and other investment alternatives.
6. Learn to utilize the internet and apps for financial gain.

Work-Site Education h14516

Prerequisite: By application only. **MUST HAVE TAKEN BUSINESS & COMPUTERS COURSES.**

Credit: ½    NCAA Core Credit: No

Grade: 11, 12    CTE Pathways: None

This program is to provide business and computer students the opportunity to receive work experience in a real job setting. Selected students will be placed on a job site to allow them to use their acquired classroom skills. Students will go to their job site each assigned day of the semester. The coordinator may determine assigned time. Student must supply his/her own transportation.

## INFORMATION TECHNOLOGY

The Computer Operations and Applications curriculum is designed to provide students with a broad background in the use of computer technology. The course offerings are designed to provide students with a wide range of skills in operating computers, using computer software applications, programming, web design, and game design.

These courses are not mathematics credits.

### IT COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Computer Applications I -or- Computer Applications I Summer Online	h10160A/ vh10160	1/2	X	X	X	X	
Computer Applications II	h10160B	1/2	X	X	X	X	Computer Applications I
Web Page Design and Internet Applications	h10162	1/2	X	X	X	X	Computer Applications I
Internet Marketing	h10184	1/2		X	X	X	Web Page Design
Game Design and Authoring for the Web	h10186	1/2		X	X	X	Computer Applications I
AP Computer Science A	h10190	1			X	X	Web-page Design or Instructor Permission

#### Computer Applications I (Microsoft Certification Available) h10160A/vh10160

Prerequisite: None Available as a summer online option

Credit: ½ NCAA Core Credit: No

Grade: 9, 10, 11, 12 CTE Pathways: Digital Media, Web and Digital Communications, Graphic Design

This course will provide study and practical application of word processing, spreadsheets, and presentation software to solve problems common to home or business. It is a must for students needing the skills necessary to survive in the college environment. Those students going directly into the job market will be taught computer skills necessary to obtain employment.

#### Computer Applications II (Microsoft Certification Available) h10160B

Prerequisite: Computer Applications I

Credit: ½ NCAA Core Credit: No

Grade: 9, 10, 11, 12 CTE Pathways: Digital Media, Web and Digital Communications, Graphic Design

This course is designed for students who would like to increase their Microsoft Office skills. Advanced applications in Word, Excel, PowerPoint, and Access will be covered. This will benefit students who plan to use this software for personal use, university study, or a vocation.

Student completing this course will...

1. Demonstrate the ability to use Word as a desktop publishing tool.
2. Utilize the Office package as an integration tool.
3. Merge Word and Access documents.
4. Demonstrate proficiency in using the features of the software and equipment.
5. Utilize advanced PowerPoint features.
6. Demonstrate the ability to use advanced formulas and functions in Excel.

#### Web Page Design and Internet Applications h10162

Prerequisite: Computer Applications I

Credit: ½ NCAA Core Credit: No

Grade: 9, 10, 11, 12 CTE Pathways: Business Management and Entrepreneurship

This hands-on course is designed to examine and apply the skills, tools, and information necessary for page creation for the World Wide Web.

Students completing this course will. . .

1. Be able to use a browser to explore web pages and evaluate web page design.
2. Design pages with layouts, graphs, animation, and interactive forms.
3. Understand the steps for posting web pages on an internet site.
4. Explore copyright and other ethics issues relating to web page design.
5. Explore and use basic Internet applications fundamental to web design.
6. Incorporate basics of web site management.
7. Develop an independent project related to web page design, web site management or web-based learning.
8. Develop an understanding for deadlines and good work ethic.

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Internet Marketing h10184

Prerequisite: Web Page Design

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: Business Management and Entrepreneurship, Web and Digital Communications

Do you want to operate a business? This course will give you first-hand experience in running Shawnee Heights' Internet Business. Decisions concerning how the business will function, items to sell, design of web page, and managing Internet sales will be included in this course.

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Game Design and Authoring for the Web h10186

Prerequisite: Computer Applications I

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: Web and Digital Communications

This course will provide a complete understanding of the technological, business and creative aspects of video game design required to launch a new video game. Mastery in the hard skills of art, science, and technology needed to design video games will be mastered enabling students to be technically proficient. Students will demonstrate mastery by constructing an original game build.

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AP Computer Science A h10190

Prerequisite: Web-page Design or Instructor Permission

Credit: 1                      NCAA Core Credit: No

Grade: 11, 12                CTE Pathways: None

The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.



## FAMILY AND CONSUMER SCIENCES (FACS)

The mission of Family and Consumer Sciences Education is to prepare students for family life, work life, and careers by providing opportunities to develop the knowledge, skills, attitudes, and behaviors needed for:

- Strengthening the well-being of individuals and families across the life span.
- Becoming responsible citizens and leaders in family, community, and work settings.
- Promoting optimal nutrition and wellness across the life span.
- Balancing personal, home, family, and work lives.
- Using critical and creative thinking skills to address problems in diverse family, community, and work environment.
- Successful life management, employment, and career development.
- Functioning effectively as providers and consumers of goods and services.
- Appreciating human worth and accepting responsibility for one's actions and success in family and work life.

Issues will be addressed through the process of decision-making, problem-solving, and management as it relates to the unique needs of the individual and family in society. Hands-on and cooperative learning experiences, demonstrations, audio-visual presentations, and textbook activities will focus on the skills of gathering, organizing, and using information to teach life-long skills and career-building skills.

### FACS COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Cooking for Life	h8625A	1/2	X	X	X	X	
Culinary Essentials	h8626	1/2		X	X	X	Cooking for Life taken first <u>preferred</u> , but not required.
Family Studies	h8635A	1/2	X	X	X	X	These 2 classes (Family Studies and Human Growth and Development) should not be taken in the same semester.
Human Growth & Development	h8636A	1/2	X	X	X	X	
Consumer & Personal Finance	h8639A	1/2		X	X	X	
Career Connections	h8640A	1/2				X	Must have previously completed at least one FACS course.

### Cooking for Life

h8625A

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: Family, Community and Consumer Services, Health Science

What you eat throughout your life will have an overall impact on your lifestyle, how long you will live, and how active you will be throughout your lifespan. This course will teach you how to prepare foods that are both nutritious and appealing. The science of nutrition and wellness practices as well learning how to select, store, prepare and serve nutritious and aesthetically pleasing foods, and food technology and safety will round out this course. Students will be engaged in various food labs and projects. A course fee is assessed. This course cannot be retaken for credit. It is suggested for students to enroll in this class before enrolling in Culinary Essentials.

### Culinary Essentials

h8626

Prerequisite: None (Cooking for Life taken first preferred, but not required)

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12      CTE Pathways: Family, Community and Consumer Services

This course will introduce the student, through a series of food labs, food production methods of dry heat, moist heat, and cold food production methods, as well as basic baking techniques. The class will explore both regional foods of the USA and of various countries of the world. The history, traditions, foods and culinary techniques of

these areas will be learned. Following correct food preparation procedures, equipment usage, exploration of food customs and research of traditions will be highlighted in this course. A course fee is assessed. See current fee schedule. This course cannot be retaken for credit. It is suggested the student have taken Cooking for Life before enrolling in this course.

Family Studies h8635A

Prerequisite: None (Should not be taken the same semester as Human Growth & Development)

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: Family, Community and Consumer Services, Teaching and Training

What are the roles and responsibilities of parents? This course will be based from the perspective of the family and how relationships, children, work and society affect the family as a unit. Support systems, responsibilities, personal needs, interpersonal relationships and life stages will be examined. The cost having a family as well as balancing work and needs of the family will be covered. There is an emphasis on real-world situations as well the social, emotional, cultural, and intellectual areas of raising children. The “Real Care Baby” will be experienced in this class. A course fee is assessed. See current fee schedule.

Human Growth & Development h8636A

Prerequisite: None (Should not be taken the same semester as Family Studies)

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: Family, Community and Consumer Services, Teaching and Training

The course perspective will be the understanding of a person’s development from conception through adulthood. Included in the class will be the understanding of life stages, relationships with people, and building interpersonal skills with children. The class will have child labs with preschool children. A course fee is assessed, see current fee schedule.

Consumer & Personal Finance h8639A

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12      CTE Pathways: Family, Community and Consumer Services, Business Management and Entrepreneurship, Business Finance

This course will cover the rights and responsibilities of you, the consumer. Decision making in the areas of technology, advertising, and how this affects the consumer both culturally and ethically, as well as how the economy impacts your buying decision throughout life will be taught. Financial planning will be covered in the areas of financial institutions services, costs, benefits, savings, investments, and types of credit. The role insurance plays throughout your life span as well as cultural views on spending, investing, and saving within the family and as an individual. Projects in some of these areas will be done. This is a type “survival skills” for high school students to learn what they need to know to be “on their own” after they graduate from high school. A course fee is assessed. See current fee schedule.

Career Connections h8640A

Prerequisite: Must have previously completed at least one FACS course

Credit: ½                      NCAA Core Credit: No

Grade: 12                      CTE Pathways: Family, Community and Consumer Services

This course has two parts: classroom and practical experience in the “work world.” In the classroom portion, such areas as “soft skills” in the workplace, communication skills, writing skills, conflict resolution in the workplace, and skills for job attainment—job interview techniques, dress etiquette, job applications, and building of career portfolio. The student will also explore career areas and spend a portion of the class in a “shadowing” experience of a Human Service Career area.

## FINE ARTS (ART)

The Fine Arts curriculum is designed to assist students with the development of meaningful, enjoyable, and life-long skills. The courses offered in art, drama, and music are designed to provide the best learning environment for the individual student and to give each student an opportunity to establish and reinforce a foundation of skills before progressing to the next level.

### ART

The Art Department offers courses designed to assist students in developing their creative and intellectual skills. Creative problem solving is essential in meeting the standards of each course.

All courses require the student to present original work. The department believes that a sound introduction to the arts is an essential component to a well-rounded education. All lab courses will involve criticism, aesthetics, history, and production.

### ART COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Design	h7700	1/2	X	X	X	X	
Introduction to Drawing	h7705A	1/2	X	X	X	X	
Drawing II	h7706	1/2	X	X	X	X	Introduction to Drawing
Drawing III	h7707	1/2		X	X	X	Drawing II
Drawing IV	h7708	1/2		X	X	X	Drawing III
Painting I	h7710	1/2	X	X	X	X	Introduction to Drawing
Painting II	h7711	1/2	X	X	X	X	Painting I
Painting III	h7712	1/2		X	X	X	Painting II
Painting IV	h7713	1/2		X	X	X	Painting III
Ceramics I	h7715	1/2	X	X	X	X	Design
Ceramics II	h7716	1/2	X	X	X	X	Ceramics I
Ceramics III	h7717	1/2		X	X	X	Ceramics II
Ceramics IV	h7718	1/2			X	X	Ceramics III
Metalsmithing I	h7720	1/2	X	X	X	X	Design
Metalsmithing II	h7721	1/2	X	X	X	X	Metalsmithing I
Metalsmithing III	h7722	1/2		X	X	X	Metalsmithing II
Metalsmithing IV	h7723	1/2		X	X	X	Metalsmithing III
Sculpture I	h7725	1/2	X	X	X	X	Design
Sculpture II	h7724	1/2	X	X	X	X	Sculpture I
Sculpture III	h7726	1/2		X	X	X	Sculpture II
Principles of Illustration	h7729	1/2	X	X	X	X	Design
Graphic Design Fundamentals	h7730B	1/2	X	X	X	X	Design
Graphic Design	h7735	1/2		X	X	X	Graphic Design Fundamentals
Advanced Graphic Design	h7737	1/2				X	See Course Description
Video Production I	h0053A	1/2		X	X	X	Instructor Approval
Video Production II	h0054A	1/2		X	X	X	Video Production I
Photography I	h7741	1/2		X	X	X	
Photography II	h7742	1/2			X	X	Photography I
<u>Advanced Projects in Art:</u>		1/2			X	X	Instructor Approval
Graphic Design	h7791						
Metalsmithing	h7793						
Ceramics	h7794						
Photography	h7796						
Painting	h7797						
Drawing	h7798						

Sculpture	h7799						
AP Studio Art	h7749	1			X	X	Design, one 2D art class, one 3D art class
AP Art History	h7739	1			X	X	

## Design

h7700

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

Design is required for the following courses: Painting I, Ceramics I, Metalsmithing I, Sculpture I, and Layout Design/Intro To Graphic Design. Students will create drawings, paintings, and two-and-three-dimensional paper projects exploring the elements and principles of design. This basic course includes the study of the elements of art: line, shape, space, color, and texture. The principles of design: balance, emphasis, movement, rhythm, variety, and unity, are used to organize the elements to create good composition. A course fee is assessed. See current fee schedule.

Students completing this course will . . .

1. Demonstrate a knowledge of the elements and principles of design.
2. Demonstrate a knowledge, both verbally and in written form, of design vocabulary.
3. Demonstrate an understanding of color theory.
4. Be able to create the illusion of three-dimensional space through the use of linear perspective and the use of value on a two-dimensional surface.
5. Demonstrate a high level of craftsmanship.
6. Be able to identify art representing specific given periods and styles.
7. Demonstrate proper use and care of materials and equipment.
8. Be able to state or justify aesthetic evaluations of art.

## Introduction to Drawing

h7705

Prerequisite: None

Credits: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

Introduction to Drawing emphasizes the development of fundamental drawing skills. The focus will be on the application of art theory, processes, and techniques that increase the power of observation. Instruction includes the elements and principles of design as applied in composition through hard copy and/or electronic software. A course fee is assessed. See current fee schedule.

Students completing this course will . . .

1. Achieve additional academic knowledge and skills required to pursue the full range of career and postsecondary education opportunities within a career cluster.
2. Use oral and written communication skills in creating, expressing and interpreting information and ideas including technical terminology and information.
3. Solve problems using creativity, innovation and critical thinking skills (analyze, synthesize, and evaluate) independently and in teams.
4. Understand the importance of health, safety, and environmental management systems and follow organizational policies and procedures and contribute to continuous improvement in performance and compliance.
5. Use leadership and teamwork skills in collaborating with others to accomplish organizational goals and objectives.
6. Know and understand the importance of professional ethics and legal responsibilities.
7. Know and understand the importance of employability skills, effectively manage careers and the importance of entrepreneurship skills.
8. Use the technical knowledge and skills required to pursue the targeted careers for all pathways in the career cluster, including knowledge of design, operation, and maintenance of technological systems critical to the career cluster.

## Drawing II

h7706

Prerequisite: Introduction to Drawing

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

This course expands upon the drawing experiences of Drawing I. The use of different medium will be explored. Drawing as a finished work will be emphasized. Projects will be organized by subject matter: still life, portrait, figure drawing, animals and landscapes. A sketchbook will be required. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate a knowledge of the elements and principles of design.
2. Demonstrate the ability to develop a visual idea through a series of sketches arriving at a completed work.
3. Be able to correctly identify specific drawing media when presented with either actual drawings or quality reproductions.
4. Demonstrate a knowledge of drawing vocabulary in written and spoken form.
5. Demonstrate techniques used for presentation of a drawing.
6. Demonstrate proper care and use of materials and equipment.

## Drawing III

h7707

Perquisite: Drawing II

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12      CTE Pathways: None

This course provides students with an opportunity for advanced work in drawing. Students will create original drawings using: pencil, colored pencil, pastels, pen and ink, crayon, and mixed media. This class begins to promote self-expression in student work. Life drawing is emphasized. Building a portfolio will also be covered. A sketchbook will be required. A course fee is assessed. See current fee schedule.

Students completing this course will...

1. Be able to use and apply art materials in different ways to create art.
2. Become proficient in at least one art medium.
3. Can apply element and principles of art to create original drawings.
4. Can choose, use, and defend subject matter, symbols, and ideas in Drawing.
5. Understand the visual arts in relation to history and cultures.
6. Can think and assess the characteristics and quality of their work and the work of others.

## Drawing IV

h7708

Perquisite: Drawing III

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12      CTE Pathways: None

This course provides students with an opportunity for advanced work in drawing. Students use a variety of media. Self-expression is the emphasis of this class. A sketchbook will be required. A portfolio is also required. A course fee is assessed. See current fee schedule.

Students completing this course will....

1. Be able to use and apply art materials in different ways to create art.
2. Become proficient in at least one art medium.
3. Can apply element and principles of art to create original drawings.
4. Can choose, use, and defend subject matter, symbols, and ideas in drawing.
5. Understand the visual arts in relation to history and cultures.
6. Keep a portfolio and evaluate the work that lies inside.

## Painting I

h7710

Prerequisite: Introduction to Drawing

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

Students will do exercises and create original paintings in tempera, watercolor, acrylics, and oils. Students will learn the techniques and characteristics of each of the different painting mediums. Paintings will be from still life

set-ups, photographs, direct observation, and original ideas. Brushes, paints, medium, and some paper will be supplied. Students are responsible for providing the canvases for the oil and acrylic paintings. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Demonstrate correct usage of tempera, watercolor, oil and acrylic paints.
3. Demonstrate knowledge of correct painting vocabulary.
4. Critique or evaluate their own paintings as well as participate in group critiques of peer work.
5. Be able to complete work that displays high levels of craftsmanship.
6. Demonstrate proper care and use of materials and equipment.

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### Painting II h7711

Prerequisite: Painting I

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

This course expands upon the painting experiences of Painting I. Students will create original paintings using watercolors, oils or acrylics. Students will explore a variety of subject matter and painting styles. Students will be responsible for providing canvases. Brushes, paints and medium will be supplied. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Complete a minimum of five paintings.
3. Begin to develop an individual style.
4. Critique their work using appropriate vocabulary.
5. Be able to complete work that displays high levels of craftsmanship.
6. Demonstrate proper use and care of materials and equipment.
7. Complete a unit on watercolor painting.
8. Conduct further studies of landscape paintings.
9. Conduct further studies of portrait paintings.

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### Painting III h7712

Prerequisite: Painting II

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12      CTE Pathways: None

Students will develop their individual style of painting while exploring more advanced subject matter and techniques. Individual goals and objectives will be established with the instructor. Brushes, paints, and medium will be supplied. The student will provide their own canvases and watercolor paper. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Complete work that displays high levels of craftsmanship.
3. Be able to critique their work, as well as their peers, using appropriate vocabulary.
4. Demonstrate proper use and care of materials and equipment.
5. Research an artist, do a presentation for the instructor and complete a work in the style of the artist.
6. Complete a painting from direct observation.
7. Work in 3 different paint mediums.

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### Painting IV h7713

Prerequisite: Painting III

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12      CTE Pathways: None

Students will develop their individual style of painting while exploring more advanced subject matter and techniques. Individual goals and objectives will be established with the instructor. Brushes, paints, and medium will be supplied. The student will provide their own canvases and watercolor paper. A course fee is assessed. See

current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Complete work that displays high levels of craftsmanship.
3. Be able to critique their work, as well as their peers, using appropriate vocabulary.
4. Demonstrate proper use and care of materials and equipment.
5. Research a culture and do a painting influenced by that culture.
6. Complete an expressive/conviction painting.
7. Complete a painting using the glazing technique.

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### Ceramics I

h7715

Prerequisite: Design

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

Students will experience an introduction to the hand building methods of coil, slab, and pinch as well as learning the basics of the potter's wheel. Emphasis will be on learning proper techniques along with using clay as a creative media. Ceramic decoration and glazing methods will be the final step in completing the ceramic form. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Construct various pots which meet specific requirements using pinch, slab, coil, and potter's wheel.
3. Be able to use a variety of methods for decorating clay surfaces.
4. Demonstrate both in written form, as well as through finished pots, an understanding of ceramic vocabulary.
5. Develop minimum critique skills in discussing their own work and that of others.
6. Demonstrate proper use and care of materials and equipment.

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### Ceramics II

h7716

Prerequisite: Ceramics I

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

This course provides students with an opportunity for advanced work on the potter's wheel, with hand building forms, and with ceramic decoration. Pottery includes working with stoneware, porcelain, and raku. Further understanding of glazes will be developed through the mixing, testing, and analysis of a chosen recipe. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Construct pottery using various methods that meet specific requirements.
3. Explore advanced methods of decorating clay surfaces.
4. Be able to mix, test, and analyze a glaze recipe.
5. Demonstrate the ability to develop ideas for pottery from two-dimensional sketches.
6. Be able to participate in the critique process both verbally and in written form.
7. Demonstrate the proper use and care of materials and equipment.

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### Ceramics III

h7717

Prerequisite: Ceramics II

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12      CTE Pathways: None

Students will create advanced work with clay and glazes. Most requirements will allow students to choose their own method of construction. Emphasis will be on refining craftsmanship and developing individual ideas. Students will complete research on various aspects of pottery. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Construct required pottery meeting specific assignments.

3. Develop ideas for pottery through working sketches.
4. Demonstrate a high level of craftsmanship.
5. Be able to recognize given styles and techniques of pottery and the work of specific potters.
6. Be able to actively participate in critiques using proper ceramic terminology.
7. Demonstrate proper use and care of materials and equipment.

#### Ceramics IV

h7718

Prerequisite: Ceramics III

Credit: ½                      NCAA Core Credit: No

Grade: 11, 12                CTE Pathways: None

Students will continue their studies of advanced work with clay and glazes. They will complete projects assigned by the instructor as well as their own self-initiated goals to further develop their individual style of pottery. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Construct required pottery meeting specific assignments.
3. Be able to complete work that displays a high level of craftsmanship and development of ideas.
4. Research a topic related to student's interest in ceramics.
5. Be able to lead discussion during group critiques.
6. Be able to present written analysis of the development of their semester's work.
7. Demonstrate proper use and care of materials and equipment.

#### Metalsmithing I

h7720

Prerequisite: Design

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12        CTE Pathways: None

Students will use a variety of design techniques to create original metalsmithing projects using fabrication techniques. The construction process will include sawing, filing, buffing, polishing, soldering, and oxidizing. Students will learn how to bezel-set cabachon stones and incorporate them into a piece. Students will have the opportunity to work with sterling silver, goldite, nickel silver and copper metals. Students will pay for materials used plus the course fee. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Demonstrate knowledge of metalsmithing vocabulary.
3. Design and create patterns appropriate for specific metalsmithing projects, keeping all designs, ideas and handouts in an appropriate 3 ring binder that will be provided by the student.
4. Solder using both sweat and butt/chip techniques.
5. Complete work that displays high levels of craftsmanship.
6. Demonstrate proper care and use of materials and equipment.
7. Demonstrate the ability to evaluate their pieces using appropriate terms and format.

#### Metalsmithing II

h7721

Prerequisite: Metalsmithing I

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12        CTE Pathways: None

Students will do advanced designs and construction of original jewelry projects. The techniques of lapidary, copper etching, lost wax casting and cold connections will be introduced. Students will pay for materials used plus the course fee. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Complete a minimum of six projects meeting specific design requirements.
3. Design and create patterns appropriate for specific jewelry projects, keeping a working notebook throughout the semester.
4. Demonstrate a knowledge of jewelry vocabulary.



5. Be able to complete work that displays high levels of craftsmanship.
6. Demonstrate proper care and use of materials and equipment.
7. Demonstrate the ability to evaluate their pieces using appropriate terms and format.

### Metalsmithing III

h7722

Prerequisite: Metalsmithing II

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: None

Students will establish goals and objectives with the instructor to develop their individual jewelry-making skills. The techniques of enameling and cuttlefish bone casting will be introduced. Students will pay for materials used plus the course fee. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Be able to complete a minimum of six original jewelry projects.
3. Be able to create a series of at least three related pieces of jewelry developing a theme.
4. Use enameling techniques as an integral part of one of their pieces.
5. Demonstrate knowledge of jewelry vocabulary.
6. Be able to maintain a working notebook for designs.
7. Be able to complete work that displays high levels of craftsmanship.
8. Demonstrate proper care and use of materials and equipment.
9. Demonstrate the ability to evaluate their pieces using appropriate terms and format.

### Metalsmithing IV

h7723

Prerequisite: Metalsmithing III

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: None

Students will continue to improve on their skills and expand their knowledge of various jewelry-making techniques. An emphasis will be put on creating original designs. Students will pay for materials used plus the course fee. See current fee schedule.

Students completing this course will...

1. Demonstrate an understanding of the elements and principles of design.
2. Be able to complete a minimum of six original jewelry pieces.
3. Be able to create a wax mold and cast it using the lost wax casting method.
4. Be able to design and create a chain.
5. Demonstrate knowledge of jewelry vocabulary.
6. Be able to maintain a working notebook for designs.
7. Be able to complete work that displays high levels of craftsmanship.
8. Demonstrate proper care and use of materials and equipment.
9. Demonstrate the ability to evaluate their pieces using appropriate terms and format.

### Sculpture I

h7725

Prerequisite: Design

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12        CTE Pathways: None

Sculpture I is the exploration of various methods of construction in three-dimensional design. Projects will include carving, modeling, and construction with such materials as plaster, clay, metals, and various papers. Students will study master sculptors of the past and present. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Construct sculptures using additive, subtractive, and various other construction methods.
3. Demonstrate the ability to develop ideas appropriate to the process and materials being used.
4. Be able to recognize various styles of sculpture.
5. Develop critique skills using proper art vocabulary.
6. Demonstrate proper care and use of materials and equipment.

## Sculpture II

h7724

Prerequisite: Sculpture I

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

This course provides students advanced techniques and projects in three-dimensional design. Projects will continue to explore material such as plaster, clay, metals, and stone. Students will continue to explore sculptors and their influences. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Implement the elements and principles of design.
2. Construct sculptures using additive, subtractive, and various other construction methods.
3. Demonstrate the ability to develop ideas appropriate to the process and materials being used.
4. Develop critique skills using proper art vocabulary.
5. Be able to recognize various styles of sculpture.
6. Demonstrate proper care and use of materials and equipment.

## Sculpture III

h7726

Prerequisite: Sculpture II

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12          CTE Pathways: None

This course will continue to explore artists and their methods in designing three-dimensional space. Projects will continue to include mediums such as stone, plaster, foam board, and clay. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Implement the elements and principles of design.
2. Construct sculptures using additive, subtractive, and various other construction methods.
3. Demonstrate the ability to develop ideas appropriate to the process and materials being used.
4. Develop critique skills using proper art vocabulary.
5. Be able to recognize various styles of sculpture.
6. Demonstrate proper care and use of materials and equipment.

## Principles of Illustration

h7729

Prerequisite: Design

Credit: ½                      NCAA Core Credit: No

Grade: 9,10,11,12          CTE Pathways: Graphic Design

This course will emphasize the development of skills needed to complete successful illustrations for print or on the web. It will explore the various techniques used by contemporary illustrators, including traditional methods such as drawing and painting as well as digital processes. This course will introduce the student to fundamental drawing skills and basic skills in painting. Skills in digital illustration programs such as Adobe Illustrator and Photoshop will also be introduced. A course fee is assessed. See current fee schedule.

## Graphic Design Fundamentals

h7730B

Prerequisite: Design

Credit: 1/2                    NCAA Core Credit: No

Grade: 9,10,11,12          CTE Pathways: Digital Media, Graphic Design

The emphasis in Graphic Design Fundamentals is visual communication and effectively communicating to the viewer/consumer. 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. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Achieve additional academic knowledge and skills required to pursue the full range of career and

postsecondary education opportunities within a career cluster.

2. Use oral and written communication skills in creating, expressing and interpreting information and ideas including technical terminology and information.
3. Solve problems using creativity, innovation and critical thinking skills (analyze, synthesize, and evaluate) independently and in teams.
4. Understand the importance of health, safety, and environmental management systems and follow organizational policies and procedures and contribute to continuous improvement in performance and compliance.
5. Use leadership and teamwork skills in collaborating with others to accomplish organizational goals and objectives.
6. Know and understand the importance of professional ethics and legal responsibilities.
7. Know and understand the importance of employability skills, effectively manage careers and the importance of entrepreneurship skills.
8. Use the technical knowledge and skills required to pursue the targeted careers for all pathways in the career cluster, including knowledge of design, operation, and maintenance of technological systems critical to the career cluster.

## Graphic Design

h7735

Prerequisite: Graphic Design Fundamentals

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: Digital Media, Web and Digital Communications, Graphic Design

Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of the elements and principles of design.
2. Be able to create original projects that coordinate freehand lettering and graphic design.
3. Demonstrate skill using a variety of tools, materials, and processes to solve problems in graphic design.
4. Meet project deadlines.
5. Demonstrate skill in solving client-directed projects according to job specifications.
6. Demonstrate skill in using computer programs to create original projects.
7. Demonstrate proper care and use of materials and equipment including computers.

## Advanced Graphic Design

h7737

Prerequisite: Graphic Design

Credit: ½                      NCAA Core Credit: No

Grade: 12                      CTE Pathways: Graphic Design

This Advanced Graphic Design course provides students with work experience in fields related to media technology. The student, teacher, and employer typically set goals cooperatively. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. A course fee is assessed. See current fee schedule.

Students completing this course will:

1. Create a variety of corporate projects including but not limited to: brochures, websites, direct mailings, T.V. and print ad, logos, etc.
2. Use oral and written communication skills in creating, expressing and interpreting information and ideas including technical terminology and information when working with clients, peers, and teacher.
3. Solve problems using creativity, innovation and critical thinking skills (analyze, synthesize, and evaluate) independently and in teams.
4. Sketch and create roughs with a variety of concepts to present to a client.
5. Select a variety of colors, typefaces and images for a client/s.
6. Practice good business etiquette, safety and environmental management systems and follow organizational policies and procedures and contribute to continuous improvement in performance and

compliance.

7. Use the technical knowledge and skills required to pursue the targeted careers for all pathways in the career cluster, including knowledge of design, operation, and maintenance of technological systems critical to the career cluster.

Video Production I h0053A

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: Digital Media

Video Production I provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production, and post-production process, as well as the exploration of the equipment and techniques used to develop a quality video production. By the end of the semester, students will have scripted, written, filmed, and edited a variety of short videos for inclusion in the senior video and social networking sites such as YouTube and Facebook.

A course fee is assessed; see the current fee schedule.

Video Production II h0054A

Prerequisite: Video Production I

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: Digital Media

Video Production II teaches the technical skills needed to work with electronic media. Topics include exploring the use of digital media and video today and in the future; a study of the relationship of workflow to project planning and completion; and the software, equipment, and tools used in the industry. By the end of the semester, students will have advanced their study of AV Production Fundamentals by completing an in-depth study of digital media careers, artistic design techniques, and legal considerations.

A course fee is assessed; see the current fee schedule.

Photography I h7741

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: Digital Media

Photography I teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images. A course fee is assessed. See current fee schedule.

Photography II h7742

Prerequisite: "A grade of C or above in Photography I"

Credit: ½                      NCAA Core Credit: No

Grade: 11, 12            CTE Pathways: None

Photography II teaches more advanced levels of skills needed to produce quality photographic images for use in a variety of applications from web to print. Topics include advanced use of digital cameras, software and techniques to produce, edit and manipulate digital photographic images. Students are encouraged to use more critical thinking skills as they critique their own work and the work of others. A research with presentation will be required in this course. A course fee is assessed. See current fee schedule.

Advanced Projects in Art

Graphic Design	h7791	Painting	h7797
Metalsmithing	h7793	Drawing	h7798
Ceramics	h7794	Sculpture	h7799
Photography	h7796		

Prerequisite: Application (see instructor for application) and Instructor Approval

Credit: ½                      NCAA Core Credit: No

Grade: 11, 12            CTE Pathways: None

Advanced Projects provides an opportunity for the student to study in greater depth in an area not currently

included in the curriculum or in an area in which they have completed all the offerings available. Students will be eligible when they have successfully completed all offerings within their chosen area. Students must complete two courses within the art department in another media (excluding design and the chosen area of concentration). THE APPROVAL OF THE INSTRUCTOR IS REQUIRED BEFORE ENROLLING. An application form may be obtained from the chosen instructor and a written statement of goals and objectives must be submitted before approval will be considered. A required exhibition representative of the student's best work will be presented toward the conclusion of the course. This presentation may be critiqued by all instructors in the art department. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Work independently.
2. Determine specific goals to be achieved.
3. Organize and display an exhibition of their best work using appropriate presentation methods.
4. Develop a portfolio of their work.

### AP Studio Art

h7749

Prerequisite: Design, one 2D art class, one 3D art class

Credit: 1                      NCAA Core Credit: No

Grade: 11, 12                CTE Pathways: None

The AP Studio Art course is for students interested in a rigorous and focused study in visual art. Students will create a body of work, known as a portfolio, that demonstrates quality, concentration and breadth in either 2-d design, drawing or 3-d art. This portfolio will be submitted to the College Board for possible college credit. As in any college level course, students will be expected to spend a considerable amount of time outside of class in order to complete research, sketchbook assignments, and works of art.

Students completing this course will. . .

Explore creative, technical and conceptual issues in art making as they apply to the Quality, Concentration and Depth components of the AP Portfolio.

Learn to be an artist which means you will be expected to express ideas through your work, to try new things, and to realize that art making is an ongoing process that includes making mistakes which eventually lead to a better understanding materials and ideas.

Understand that art making requires personal reflection upon the artistic process in order for you to develop your voice. You will be expected to investigate an individual visual concern in depth. You will plan and execute a series of works that demonstrate this investigation.

Develop a wide range of technical skills using a variety of media in order to solve problems.

Be able to express verbally and in written form a critical understanding about your work and the work of others through group and individual critiques, in class discussions about readings and artwork.

Acquire skills needed to properly photograph and present work as an AP portfolio and for admission to schools and other applications.

Understand what artistic integrity is and apply it to all work that you create. You will learn the basic guidelines about plagiarism in art making (creating artwork derived from non-original images including those found on the internet) and how you can use images in a way that is considered beyond duplication (showing creativity and sophistication such that the work transcends copying).

### AP Art History

h7739

Prerequisite: None

Credit: 1                      NCAA Core Credit: No

Grade: 11, 12                CTE Pathways: None

Advanced Placement (AP) Art History course is designed to function as a college-level art history course and to prepare the student for the AP Art History exam. This course enables highly motivated students to study college-level art history by providing an understanding and appreciation of architecture, sculpture, painting and other visual art forms within historical, political, and cultural contexts. Students become active participants in the global art world, engaging with its forms and content from ancient times to the present. Students will experience, research, critically analyze, interpret, discuss, read, and write about art, artists, art making, responses to, and

interpretations of art. Students will examine styles, techniques, themes, and chronology, comparing art forms from varied perspectives. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may earn college credit if they receive a qualifying score. No prior experience in art or art history is needed, but the course requires a strong commitment to academic work.

## FINE ARTS (DRAMA)

Drama courses are designed to take students beyond the illusion of reality that is created in theatrical productions. What looks easy is often not, but students will learn through practical experiences just what it takes to create a grand illusion.

### DRAMA COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Introduction to Acting	h7782	1/2	X	X	X	X	None
Advanced Acting	h7790	1/2	X	X	X	X	Introduction to Acting or Instructor Permission
Introduction to Stagecraft	h7821A	1/2		X	X	X	None
Advanced Stagecraft	h7822A	1/2		X	X	X	Introduction to Stagecraft and/or Instructor Permission

#### Introduction to Acting I

h7782

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

This course provides a foundation of beginning acting skills. Activities include theater games, pantomimes, improvisations, memorized scene work with partners and in groups, stage movement, and character development.

Students completing this course will. . .

1. Participate in theatre games, pantomimes, and improvisations.
2. Perform scenes without scripts.
3. Demonstrate character development through vocal and physical expression.
4. Attend one full-length theatre production, demonstrate proper theatre etiquette, and write critical reviews of the performance.
5. Identify the societal and personal meanings of a performance.

#### Advanced Acting

h7790

Prerequisite: Introduction to Acting or Instructor Permission

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

This course expands the study of the basics learned in Introduction to Acting with the goal of creating proficient actors who create works to perform in front of an audience. In addition to refining basic skills, returning students will write scripts, take on the responsibilities of the director, and explore theatrical units such as playwright studies and acting styles. This class will require some out-of-class commitments. This class is repeatable. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Participate in theatre games, pantomimes, and improvisations.
2. Prepare an audition portfolio including resume and taped solo scenes.
3. Learn one dialect.
4. Read, write and perform theatrical works.

5. Participate in a public class production.
6. Attend one full-length theatre production, demonstrate proper theatre etiquette, and write critical reviews of the performance.

### Introduction to Stagecraft

h7821A

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: None

This course is a study of the basic aspects of technical theater production with emphasis on construction techniques for stage settings. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Identify how the technical elements affect the production.
2. Visualize a setting appropriate to a story.
3. Use simple objects and materials for props, costumes, and physical settings.
4. Demonstrate safe use of simple tools and materials.
5. Attend one full-length theatre production and demonstrate proper theatre etiquette, and write critical reviews of the performance.
6. Identify the societal and personal meanings of a performance.

### Advanced Stagecraft

h7822A

Prerequisite: Introduction to Stagecraft or Instructor Permission

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: None

This course is a study of the proficient aspects of technical theater production with emphasis on construction techniques for stage settings. Skills learned in Introduction to Stagecraft will be expanded upon, and students will have a greater direct participation in the construction and design of items for current and future productions. This course is repeatable. A course fee is assessed. See current fee schedule.

Students completing this course will...

1. Identify how altering the technical elements affects a production.
2. Know how to visualize settings appropriate to a script.
3. Create theatrical items needed for classroom plays and staged productions.
4. Know the basic parts and operations of a theatre facility.
5. Attend one full-length theatre production, demonstrate proper theatre etiquette, and write critical reviews of the performance.





Students will develop basic skills while studying strumming, note reading, and accompanying techniques. A fee will be assessed for this class. Students will be required to provide their own guitar and provide any needed maintenance of the guitar.

Students completing this course will. . .

1. Understand the importance of regular practice.
2. Be able to accompany a simple melody.
3. Be able to solo.
4. Demonstrate music vocabulary

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### Intermediate Class Guitar h7758

Prerequisite: Fully Functioning Guitar and Teacher Approval

Credit: ½ (Per semester)                      NCAA Core Credit: No

Grade: 10, 11, 12                              CTE Pathways: None

Students will develop skills beyond basic levels while studying strumming, note reading, and accompanying techniques. A fee will be assessed for this class. Students will be required to provide their own guitar and provide any needed maintenance of the guitar.

Students completing this course will. . .

1. Understand the importance of regular practice.
2. Be able to accompany a simple melody.
3. Be able to solo.
4. Demonstrate music vocabulary.

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### Bel Canto (Beautiful Singing) h7756

Prerequisite: Female Singers

Credit: ½ (per semester)                      NCAA Core Credit: No

Grade: 9, 10, 11, 12                              CTE Pathways: None

**Students are required to enroll in this class for both semesters. Exceptions MUST be approved by the director.**

This year-long course is devoted to the development of basic to intermediate singing skills. All styles of choral literature will be studied and performed. Concert attendance is required. Exceptions to this requirement can only be made by receiving prior approval. Emergencies will be considered. This course may be repeated for credit. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Understand the importance of regular attendance.
2. Be able to tell on which line their part is written.
3. Be able to sing in tune in three-part harmony.
4. Demonstrate a working music vocabulary.
5. Demonstrate an ability to sight read music at a minimal level.

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### Choraliers h7760

Prerequisite: Select Audition Held in Previous School Year

Credit: ½ (per semester)                      NCAA Core Credit: No

Grade: 10, 11, 12                              CTE Pathways: None

This course will be a small, balanced, vocal ensemble of students selected by audition. This course is a year-long class. This course will study and perform advanced choral literature. This course will also cover the entertainment area of music with preparation of seasonal shows that involve singing and choreography. Attendance and participation are required at all performances. This course may be repeated for credit. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate an understanding of vocal technique for different styles of choral music.
2. Demonstrate a working music vocabulary.
3. Demonstrate an ability to sight read music at a medium level.
4. Demonstrate an ability to sing in tune in four or more part harmony.
5. Understand the importance of and demonstrate artful expression during performances, including facial expressions, dynamics, and choreography.

## T-Bird Voices

h7766

Prerequisite: Audition

Credit: ½ (per semester)

NCAA Core Credit: No

Grade: 11-12 Female Singers, 9-12 Male Singers

CTE Pathways: None

**Students are required to enroll in this class for both semesters. Exceptions MUST be approved by the director.**

This year-long course is devoted to intermediate to advanced voice training. This is a performing group selected by audition. Attendance and participation are required at all performances. Exceptions to this requirement can only be made by receiving prior approval. Emergencies will be considered. This course may be repeated for credit. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Be able to sing in tune in four or more part harmony.
2. Demonstrate an understanding of vocal technique for different styles of music.
3. Demonstrate an ability to sight read music at acceptable levels.
4. Be able to place music listening examples in their proper historical time frame.
5. Demonstrate a working music vocabulary.

## Marching Band/Pep Band

h7770

Prerequisite: Completion of grades five through eight instrumental music curriculum and/or permission of the instructor

Credit: ½

NCAA Core Credit: No

Grade: 9, 10, 11, 12

CTE Pathways: None

Marching Band has a very demanding performance schedule which includes home football games, marching competitions, and parades. All students enrolled will then play in Pep Band during the remainder of the first semester. Two semesters of Marching/Pep Band will excuse a student from 1/2 credit of physical education requirement. Membership is open to any student who can meet the standards established for this performing group. Participation in all performances, competitions and rehearsals is required, including summer rehearsals. Exceptions to this requirement can only be made by receiving prior approval. Emergencies will be considered. It is highly recommended that band members participate in second semester Symphonic Band or Concert Band. This course may be repeated for credit. A course fee is assessed; students who elect to play school-owned instruments must pay an additional rental fee. See current fee schedule.

Students completing this course will. . .

1. Demonstrate the ability to sight read music that is comparable to that which is currently being performed.
2. Demonstrate mastery of the music which has been prepared for performance.
3. Demonstrate marching maneuvers taught during rehearsals.
4. Demonstrate the ability to independently interpret and execute marching instructions on a marching chart.
5. Demonstrate basic knowledge of the history of marching band.

## Symphonic Band

h7771

Prerequisite: Completion of grades five through eight instrumental music curriculum, audition/permission of instructor.

Credit: ½

NCAA Core Credit: No

Grade: 9, 10, 11, 12

CTE Pathways: None

Membership is open to any student who can meet the standards established for this performing group. Auditions will be held in January of the preceding school year. Selected players will have the opportunity to perform symphonic orchestra literature in conjunction with the orchestra class.

Students not selected may enroll in Concert Band n7772. This course may be repeated for credit and attendance at all concerts/public performances is required. Exceptions to this requirement can only be made by receiving prior approval. A course fee is assessed; students who elect to play school-owned instruments must pay an additional rental fee. See current fee schedule.

Students completing this course will. . .

1. Demonstrate the ability to sight read music that is comparable to that which is currently being performed.
2. Demonstrate mastery of the music which has been prepared for performance.

3. Demonstrate a basic knowledge of the history of symphonic band.
4. Demonstrate knowledge of basic music theory.
5. Demonstrate ability to play scales up to seven sharps and seven flats by memory.

### Concert Band

h7772

Prerequisite: Completion of grades five through eight instrumental music curriculum or permission of instructor

Credit: ½                                      NCAA Core Credit: No

Grade: 9, 10, 11, 12                      CTE Pathways: None

This course is designed to address the needs of developing instrumentalists. Topics include, but are not limited to, the performance of virtually all styles of standard band literature, fundamentals of music theory, introduction to band repertoire, jazz and jazz/rock fusion adapted to band instrumentation, and special projects. In the event that this ensemble lacks proper band instrumentation, it may be combined with another ensemble for performances. Band contests will be optional depending upon instrumentation. This is a second semester course only. A course fee is assessed; students who elect to play school-owned instruments must pay an additional rental fee. See current fee schedule.

Students completing this course will. . .

1. Demonstrate mastery of the music which has been prepared for performance.
2. Demonstrate proficiency on their chosen instrument.
3. Develop a basic understanding of music theory.
4. Demonstrate the ability to successfully perform as a significant member of a musical ensemble.
5. Demonstrate ability to play scales up to four sharps and four flats by memory.

### Concert Orchestra

h7775

Prerequisite: Permission of instructor or three or more years of experience on a string instrument

Credit: 1    NCAA Core Credit: No

Grade: 9, 10, 11, 12                              CTE Pathways: None

This course allows experienced string players the opportunity to perform literature composed for chamber ensemble and string orchestra. Opportunities exist for small ensemble playing, and for solo and ensemble performances at Regional and State Music Festivals. Course content emphasizes improved playing skills and basic music theory and history knowledge. **All members are required to enroll in this course for 2 semesters. Exceptions must be approved by the director.** Concert attendance is required, and exceptions to this requirement can only be made by receiving prior approval. Emergencies will be considered. This course may be repeated for credit. A course fee is assessed; students who elect to play school-owned instruments must pay an additional rental fee. See current fee schedule.

Students completing this course will. . .

1. Increase their technical facility on their instrument by improving tone, bow control, intonation, and rhythmic accuracy.
2. Demonstrate a knowledge of keys and key signatures up to four flats and four sharps.
3. Increase their ability to play expressively by use of improved phrasing, vibrato, and musical understanding.
4. Develop a knowledge of and greater appreciation for orchestral literature.
5. Consistently demonstrate appropriate rehearsal behavior.

### Symphonic Orchestra

h7777

Prerequisite: Audition **or** six semesters experience in Concert Orchestra

Credit: 1    NCAA Core Credit: No

Grades: 10, 11, 12                              CTE Pathways: None

This course allows experienced string players the opportunity to perform music composed for string orchestra and full symphonic orchestra. Cooperation with the Symphonic Band will allow the orchestra to add wind instruments for second semester concerts. Opportunities exist for small ensemble playing, and for solo and ensemble

performances at Regional and State Music Festivals. **Members must be enrolled in this class for both semesters. Exceptions must be approved by the director.** Concert attendance is required, and exceptions to this requirement can only be made by receiving prior approval. Emergencies will be considered. This course may be repeated for credit. A course fee is assessed; students who elect to play school-owned instruments must pay an additional rental fee. See current fee schedule.

Students completing this course will. . .

1. Increase their technical facility on their instrument by improving tone, bow control, intonation, and rhythmic accuracy.
2. Demonstrate a knowledge of keys and key signatures up to seven flats and seven sharps.
3. Increase their ability to play expressively by use of improved phrasing, vibrato, and musical understanding.
4. Develop a knowledge of and greater appreciation for “standard” string orchestra literature and full orchestra literature.
5. Consistently demonstrate appropriate rehearsal behavior.

## FOREIGN LANGUAGE

The Foreign Language department is committed to providing its students a background for both higher education and vocations. Many colleges and universities require two or more years of foreign language study. The department also stresses the value and importance of effective communication with other citizens of the world. The study of a foreign language will increase understanding of other people and their cultures, help to better communicate with non-English speaking people in the United States, and improve understanding of the English language.

### FOREIGN LANGUAGE COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
French I	h5500	1	X	X	X	X	
French II	h5510	1	X	X	X	X	French I
Spanish I	h5540	1	X	X	X	X	
Spanish II	h5550	1	X	X	X	X	Spanish I
Spanish III	h5560	1		X	X	X	Spanish II
Spanish IV	h5570	1			X	X	Spanish III
Spanish V	h5580	1				X	Spanish IV
College Beginning Spanish I (SP101)	h5561	1 (3 college credits)		X	X	X	Spanish I and Spanish II, 3.0 GPA
College Beginning Spanish II (SP102)	h5581	1 (3 college credits)			X	X	College Beginning Spanish I (SP 101), 3.0 GPA
Spanish for the Heritage Language Learner I	h5595	1	X	X	X	X	Be a Heritage Language Learner
Spanish for the Heritage Language Learner II	h5596	1		X	X	X	Spanish for the Heritage Language Learner I
German I	h5590	1	X	X	X	X	
German II	h5600	1	X	X	X	X	German I
German III	h5610	1		X	X	X	German II
German IV	h5620	1				X	German III

### French I

h5500

Prerequisite: None

Credit: 1

NCAA Core Credit: Yes

Grade: 9, 10, 11, 12

CTE Pathways: None

French Level I is a two semester course that serves as an introduction to the study of the French language.

Students will develop four basic skills: listening, speaking, reading, and writing in French. Special emphasis will be placed on vocabulary and grammatical concepts.

Students completing this course will. . .

1. Be able to carry on basic conversations in French.
2. Be introduced to regular and irregular verbs in present tense of the indicative.
3. Be able to read and understand the text lesson.
4. Be able to listen and respond orally to questions concerning the text.
5. Practice basic French grammar concepts in writing and speech.

## French II

h5510

Prerequisite: French I

Credit: 1                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12        CTE Pathways: None

This course is a continuation of the study of basic listening, reading, speaking, and writing skills.

Students completing this course will . . .

1. Reinforce grammar concepts and skills presented at level one.
2. Be introduced to new grammatical structures and verb tenses including imperative and immediate future.
3. Will continue their exposure to French culture and traditions.
4. Continue practicing reading and understanding the text lesson.
5. Continue practicing oral responses to questions regarding the text.

## Spanish I

h5540

Prerequisite: Student must have at least an 80% in their previous year of English.

Credit: 1                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12        CTE Pathways: None

This course serves as an introduction to the Spanish language with introduction to listening, speaking, reading and writing skills. Emphasis is placed on learning the verb system in present and implied future tenses and vocabulary presented in the textbook. Hispanic culture, history and geography are included. There will be a workbook fee.

Students completing this course will . . .

1. Have an initial experience with Spanish and Latin American culture, customs, and language.
2. Study and practice basic Spanish vocabulary and grammar concepts.
3. Read and understand the text lesson.
4. Listen and respond orally to questions concerning the text.
5. Converse within the context of situations studied.

## Spanish II

h5550

Prerequisite: Spanish I and at least an 80% in the previous levels of Spanish.

Credit: 1                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12        CTE Pathways: None

This course is a continuation of the study of the Spanish language with increased attention to listening, speaking, reading, and writing skills. Students will also review the verb system of present and implied future tenses and vocabulary. Emphasis is on learning the present and past tenses along with new vocabulary presented in the textbook. There is continued study of Hispanic culture, history, and geography.

Students completing this course will . . .

1. Continue their exposure to Spanish and Latin American culture, customs, and language.
2. Reinforce vocabulary and grammar presented in Spanish I.
3. Continue to learn new grammatical structures, vocabulary, and additional verb tenses (preterite, imperfect and imperative.)
4. Continue to practice the reading and understanding of text lessons and the listening and responding to questions concerning the text.
5. Converse within the context of situations studied.

## Spanish III

h5560

Prerequisite: Spanish II and at least an 80% in the previous levels of Spanish.

Credit: 1                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

This course is a continued study of the Spanish culture and language with a review of previous grammar and verb tenses. All other tenses of the indicative and subjunctive are presented as well as new vocabulary. Additional reading materials (short stories) are added along with discussion in Spanish related to these.

Students completing this course will . . .

1. Continue their study of Spanish and Latin American culture, customs, and language.
2. Review previously learned verb tenses and introduce indicative and subjunctive tenses.



interactions will be given priority during class time, and it is expected that accuracy and fluency will benefit not only from actual speaking time but also from the development of the other skills.

Spanish for the Heritage Language Learner I h5595

Prerequisite: Be a Heritage Language Learner  
Credit: 1                      NCAA Core Credit: Yes  
Grades: 9, 10, 11, 12      CTE Pathways: None

Spanish for Heritage Language Learners will focus on literature for Spanish speakers (classic authors in Spanish speaking world), building vocabulary, grammar structures, oral language, composition skills and culture of the 21 Spanish speaking countries and the United States. Personal family culture and experiences will be brought to class to enrich holidays and cultural celebrations.

Students completing this course will...

1. Demonstrate advanced oral and writing skills in the target language.
2. Demonstrate the ability to identify and discuss social and ethical issues in the Hispanic community worldwide.
3. Demonstrate a better understanding of cultural differences in Spanish speaking countries and, also, the United States.

Spanish for the Heritage Language Learner II h5596

Prerequisite: Be a Heritage Language Learner  
Credit: 1                      NCAA Core Credit: Yes  
Grades: 10, 11, 12        CTE Pathways: None

Spanish for Heritage Language Learners II will build on learning from Spanish for the Heritage Language Learner I. This class will continue to focus on literature for Spanish speakers (classic authors in Spanish speaking world), building vocabulary, grammar structures, oral language, composition skills and culture of the 21 Spanish speaking countries and the United States. Personal family culture and experiences will be brought to class to enrich holidays and cultural celebrations.

Students completing this course will...

1. Demonstrate advanced oral and writing skills in the target language.
2. Demonstrate the ability to identify and discuss social and ethical issues in the Hispanic community worldwide.
3. Demonstrate a better understanding of cultural differences in Spanish speaking countries and, also, the United States.

German I h5590

Prerequisite: None  
Credit: 1                      NCAA Core Credit: Yes  
Grade: 9, 10, 11, 12      CTE Pathways: None

German Level I is a two semester course that serves as an introduction to the study of the German language. Students will develop four basic skills: listening, speaking, reading, and writing. Special emphasis will be placed on vocabulary and grammatical concepts. There will be a workbook fee.

Students completing this course will. . .

1. Be able to carry on basic conversations in German.
2. Be introduced to regular and irregular verbs in present tense of the indicative.
3. Be able to read and understand the text lesson.
4. Be able to listen and respond orally to questions concerning the text.
5. Practice basic German grammar concepts in writing and speech.

German II h5600

Prerequisite: German I  
Credit: 1                      NCAA Core Credit: Yes  
Grade: 10, 11, 12        CTE Pathways: None



This course is a continuation of the study of basic listening, reading, speaking, and writing skills. There will be a workbook fee.

Students completing this course will. . .

1. Reinforce grammar concepts and skills presented at level one.
2. Be able to converse within the context of everyday conversations and past tense.
3. Be able to write short letters in German.
4. Continue to practice reading and understanding the text lesson.
5. Continue to practice oral responses to questions regarding the text.

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### German III

h5610

Prerequisite: German II

Credit: 1                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

This course is a continuation of the study of basic grammar. Students will have the opportunity to be part of the German Exchange program to Leer, Germany and they will be exposed to what is available at a post-secondary level of study for majors and minors in German. There will be a workbook fee.

Students completing this course will. . .

1. Continue to reinforce grammatical structures learned at levels one and two.
2. Continue to practice reading and understanding the text lesson and supplementary texts presented.
3. Be able to read selected German literature and interpret its meaning.
4. Be able to write short texts in German.
5. Continue to practice responding orally in German to questions concerning the text.

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### German IV

h5620

Prerequisite: German III

Credit: 1                      NCAA Core Credit: Yes

Grade: 11, 12                CTE Pathways: None

This course is a continuation of the study of basic grammar with special emphasis on the verb system. Students will do more work in presenting what they have learned and incorporating their previous years of study in small and large projects. Students will have the opportunity to be part of the German Exchange program to Leer, Germany and they will be exposed to what is available at a post-secondary level of study for majors and minors in German.

Students completing this course will. . .

1. Continue to reinforce grammatical structures learned at levels one and two.
2. Be introduced to the subjunctive mood for verbs.
3. Complete a unit on idioms.
4. Continue to practice reading and understanding text lessons and supplementary texts presented.
5. Continue to practice responding orally in German to questions concerning the lessons.
6. Create written and oral products in German using their past curriculum and current new concepts.
7. Practice reading and understanding German literature.
8. Practice writing and speaking using all tenses.
9. Continue reviewing various German grammar and verb structures.
10. Work to master the concepts from the previous levels of study.

## LANGUAGE ARTS

The language arts curriculum includes courses which will enable students to read, speak, and write more effectively. The courses have been designed so that students will be exposed to the major components of communication in each course. By completing the required courses in the order in which they are offered, students will have a sequential program in both composition and literature. Each student is required to complete four credits successfully. Required courses are Freshman English, Sophomore English, Junior English, and Senior English.

Some courses are offered at an honors level. These courses are designed for students who are performing well above average in composition and literature and who want the challenge of faster paced and more complex study. Upon completion of four years of language arts study, students will be able to demonstrate the appropriate use of spoken and written language (expressive) and be able to respond appropriately to what they read and what they hear (receptive). In the composition program, students will be required to participate in both academic and real world writing (technical writing).

### LANGUAGE ARTS COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Freshman English	h0005	1	X				
Honors Freshman English	h0007A	1	X				see course description
Sophomore English	h0010	1		X			Freshman English
Honors Sophomore English	h0011A	1		X			see course description
Junior English	h0030	1			X		Sophomore English
Senior English	h0040A	1				X	Junior English
Advanced Placement (AP) Literature and Composition	h0060	1			X	X	Sophomore English
Advanced Placement (AP) English Language and Composition	H0036A				X	X	Sophomore English
Freshman Comp - First Year Writing (EN101)	h0019	1/2 (3 college credits)			X	X	3.0 GPA
Introduction to Literature (EN135)	h0021	1/2 (3 college credits)			X	X	3.0 GPA
Creative Writing	h0047	1/2		X	X	X	
Literature and Film I	h0052A	1/2			X	X	Sophomore English
Mythology	h0072	1/2	X	X	X	X	
Sports Literature	h0073	1/2			X	X	
Debate I	h0056	1/2	X	X	X	X	see description
Debate II	h0057	1/2		X	X	X	see course description
Debate III	h0058	1/2			X	X	see course description
Debate IV	h0059	1/2				X	see course description
Forensics	h0065	1/2	X	X	X	X	see course description
Intro to Public Speaking	h0063	1/2	X	X			

College Public Speaking (CN150)	h0066	1/2 (3 college credits)		X	X	X	3.0 GPA
Photojournalism	h0086, h0087	1/2		X	X	X	see course description
Introduction to Journalism	h0089	1/2	X	X	X	X	Instructor Approval
Yearbook Staff	h0090, h0091	1/2	X	X	X	X	Instructor Approval
Newspaper Staff	h0095, h0096	1/2	X	X	X	X	Instructor Approval
Adv. Projects in Journalism	h0097	1/2			X	X	Instructor Approval

## Freshman English

h0005

Prerequisite: Freshman Status

Credit: 1 – Required      NCAA Core Credit: Yes

Grade: 9                      CTE Pathways: None

This course introduces the study of literature, composition, and communication skills.

The composition/speech component of this course includes...

1. Demonstration of the writing process through the use of the Six Trait Model.
2. Development, organization, presentation, and critique of various composition and speech styles
3. Application of research skills for school and/or daily use
4. Demonstration of effective listening strategies

The literature component of this course will...

1. Incorporate examples from a text to support oral and written discussion of that text.
2. Analyze literary works by using fundamental literary elements.
3. Demonstrate the correlation between literature and everyday life.

## Honors Freshman English

h0007A

Prerequisite: Freshman Status – It is recommended that students enrolling in this class have maintained at least a 'B' average in previous English classes.

Credit: 1 – Required      NCAA Core Credit: Yes

Grade: 9                      CTE Pathways: None

Honors freshman English is a course geared towards the highly motivated student. Honors students will be assigned reading homework and more essay assignments. The honors classes are designed to focus more on analytical thinking and writing skills. They are also designed to promote independent thinking and responsibility as a result of the reading homework and analytical writing pieces.

The writing/speech component includes...

1. Demonstration of various modes of speaking and writing as well as application of these skills to practical situations.
2. Demonstration of the writing process.
3. Application of research skills for school and/or practical use.
4. Demonstration of effective listening skills.
5. Demonstration of Standard English through speaking and writing.

The literature component will...

1. Incorporate examples from a text to support oral and written discussion of the text.
2. Analyze literary works by using fundamental literary elements.
3. Demonstrate the correlation of literature to everyday life.

## Sophomore English

h0010

Prerequisite: Credit earned in Freshman English

Credit: 1 – Required      NCAA Core Credit: Yes

Grade: 10                      CTE Pathways: None

This course is required of all sophomores. Students will compile their own portfolios containing examples of narration, description, comparison/contrast, definition, and persuasion. Both professional and student models will be provided as examples of different types of writing. Integrated into the literature are opportunities for a variety of language, vocabulary, and writing experiences.

The composition component of this course will. . .

1. Recognize effective writing by examining and analyzing model essays.
2. Demonstrate effective writing by writing in a variety of forms.
3. Incorporate information and observable details into the writing process.
4. Develop listening and communication skills by sharing writing assignments with others.
5. Demonstrate the ability to use technology as an aid to the writing process.
6. Use the six-trait assessment guidelines in evaluating his or her writing and peer writing.

The literature component of this course will...

1. Apply the components of short stories, biographies, poetry, drama, and novels to assigned work.
2. Participate in discussions that consider the content and interpretation of the selections studied.
3. Demonstrate comprehension of the reading selections through oral and written presentations.
4. Demonstrate an understanding of the literature in relationship to life.

## Honors Sophomore English

h0011A

Prerequisite: Credit earned in Freshman English – It is recommended that students enrolling in this class have maintained at least a 'B' average in previous English classes.

Credit: 1 – Required      NCAA Core Credit: Yes

Grade: 10                      CTE Pathways: None

Honors sophomore English is a more challenging alternative to the sophomore English course, and is intended for highly-motivated students. This course will establish techniques for analysis which will be used for honors literature courses at the junior and senior level. Reasoning skills and use of supportive details and examples will be organized into multi-paragraph compositions. To reinforce this process, students will examine well-known essays of the past and present. Integrated into the literature are opportunities for a variety of language, vocabulary, and writing experiences.

The composition component of this course will. . .

1. Recognize effective writing by examining and analyzing model essays.
2. Demonstrate effective writing by writing in a variety of forms.
3. Incorporate information and observable details into the writing process.
4. Develop listening and communication skills by sharing writing assignments with others.
5. Demonstrate the ability to use technology as an aid to the writing process.
6. Use the six-trait assessment guidelines in evaluating his or her writing and peer writing.

The literature component of this course will...

1. Apply the components of short stories, biographies, poetry, drama, and novels to assigned works.
2. Participate in discussions that consider the content and interpretation of the selections studied.
3. Demonstrate comprehension of the reading selections through oral and written presentations.
4. Demonstrate an understanding of the literature in relationship to life.
5. Analyze literature in a manner consistent with accepted literary approaches.

## Junior English

h0030

Prerequisite: Credit earned in Sophomore English

Credit: 1 – Required      NCAA Core Credit: Yes

Grade: 11                      CTE Pathways: None

Junior English gives students a variety of reading and writing experiences that are designed to develop essential

skills when responding to literature. Students will read and study works by American writers. The primary form of writing in this course will be the essay, with emphasis placed on usage, grammar, and organization.

Students completing this course will...

1. Analyze (both orally and in writing) a variety of genres representative of the many cultures in American society using the text as support.
2. Complete a variety of essay assignments demonstrating a grasp of mechanics, structure, and organization.
3. Apply literary elements or devices (both orally and in writing) studied to the literature read in class.
4. Analyze attributes of various American literary movements and illustrate how American literature both past and present applies to the world around them.
5. Evaluate their own as well as their peers' contributions to group projects, class discussions, and other oral presentations.

## Senior English

h0040A

Prerequisite: Credit earned in Junior English

Credit: 1 – Required      NCAA Core Credit: Yes

Grade: 12                      CTE Pathways: None

This class is designed to expose students to a variety of reading and writing experiences to prepare for communicating effectively in a college environment.

Students completing this course will...

1. Analyze (both orally and in writing) a variety of genres representative of many cultures using the text as support and illustrate how literature both past and present applies to the world around them.
2. Complete a variety of essay assignments demonstrating a grasp of mechanics, structure, and organization.
3. Apply literary elements or devices (both orally and in writing) studied to the literature read in class.
4. Evaluate their own as well as their peers' contributions to group projects, class discussion, and other oral presentations.

## Advanced Placement (AP) Literature and Composition

h0060

Prerequisite: Credit Earned in Sophomore English

Credit: 1 – Required      NCAA Core Credit: Yes

Grade: 11, 12                      CTE Pathways: None

The AP Literature and Composition course will engage students in the careful reading and critical analysis of imaginative literature. Through close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The course will include intensive study of representative works from various genres and periods, concentrating on works of recognized merit. Weekly writing assignments will be an integral part of the AP Literature and Composition course, for the AP Examination is weighted toward student writing about literature. Writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays. (Source: The Advanced Placement Program. New York: The College Board, May 2001, May 2002.)

## Advanced Placement (AP) English Language and Composition

h0036A

Prerequisite: Credit Earned in Sophomore English

Credit: 1 – Required      NCAA Core Credit: Yes

Grade: 11, 12                      CTE Pathways: None

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including

graphic images as forms of text, from many disciplines and historical periods. Material is high level and rigorous and there will be outside reading and writing required.

Freshman Comp - First Year Writing (EN101)-Washburn University h0019

Prerequisite: 3.0 GPA, Score of 18 or higher on the English portion of the ACT

Credit: ½ (High School) 3 hours college credit through Washburn University NCAA Core Credit: Yes

Grade: 11, 12

CTE Pathways: None

This class is a dual credit offering (High School English + College Credit). In partnership with Washburn University the class is offered at half-price tuition.

Students completing this course will...

1. Compose and revise a variety of essay assignments including academic essays and research-based writing.
2. Develop a portfolio that will demonstrate usage of the different stages in the writing process and include reflection on your own writing.
3. Read and analyze the effectiveness of a number of professional essays as well as the writing of their peers.
4. Demonstrate an understanding of the conventions of English language usage and grammar through practice and application in writing.

Introduction to Literature (EN135)-Washburn University h0021

Prerequisite: 3.0 GPA

Credit: ½ (High School) 3 hours college credit through Washburn University NCAA Core Credit: Yes

Grade: 11, 12

CTE Pathways: None

This class is a dual credit offering (High School English + College Credit). In partnership with Washburn University the class is offered at half-price tuition.

Students completing this course will...

1. Develop critical reading skills through the study of major works of literature
2. Respond personally and critically to readings in several literary genres through class discussion and written analysis.
3. Demonstrate an understanding of critical approaches through oral and written presentations
4. Develop an appreciation of literature showing relationships between works of different genres.

Creative Writing h0047

Prerequisite: None

Credit: ½ NCAA Core Credit: Yes

Grade: 10, 11, 12

CTE Pathways: None

This class is designed for students who like to read and write daily, want to learn the different forms of creative writing and try them out, and want to share their writing with others. Units of study will include the vocabulary of writing, genre-specific writing strategies (forms and techniques), and critical reading. Models for study will include the novel, the short story, the informal essay, play writing, and poetry. In addition to keeping a journal, students will complete several independent writing projects in a workshop atmosphere that may include guest speakers and publication opportunities.

Students completing this course will...

1. Demonstrate an understanding of form by imitating models in their own writing.
2. Recognize effective writing by examining and analyzing a variety of models.
3. Demonstrate an ability to use technology as an aid to the writing process.
4. Develop proficiency in using techniques associated with creative writers.
5. Demonstrate an understanding of literature as it relates to life and to the audience.

## Literature and Film I

h0052A

Prerequisite: Credit earned in Sophomore English

Credit: ½                      NCAA Core Credit: No

Grade: 11, 12                CTE Pathways: None

Literature and Film is an elective course that affords students the ability to view film as a genre of literature. Basic history and background is studied along with the techniques used to create films. Students will primarily utilize their newly gained knowledge of film technique and past knowledge of literary elements to study and analyze both contemporary and classic film. Performance in the class will be evaluated using written responses on a personal web log (blog) and oral presentations to the class.

Students completing this course will. . .

1. Develop skills for analyzing and evaluating film.
2. Understand the literary language of film.
3. Gain a better understanding and enjoyment of film.
4. Better understand and gain the ability to verbalize their emotional response to film.

## Mythology

h0072

Prerequisite: None

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

This course asks students to read and interact with an overview of stories from multiple cultures explaining the creation and nature of the world and the lives of gods, goddesses, heroes, and heroines. The course will focus especially on the myths of Ancient Greece and Rome as a way of exploring the nature of the myth and the function it plays for individuals, societies, and nations. Students will also learn how myths have come about in various parts of the world and their significance to our current lives.

## Sports Literature

h0073

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 11, 12                CTE Pathways: None

This is an elective course in the study of literature with an emphasis on sports and their influence on society. Students will explore literature related to sports and our society. They should expect to read extensively and respond to works from a variety of genres, including works exploring athletes and lifetime activities.

## Debate I

h0056

Prerequisite: Must have passed five of the six courses from the previous semester.

Credit: ½                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12        CTE Pathways: None

Debate I is an introduction to competitive debate. Students must learn the fundamentals of argumentation and debate and use those skills in competition against other schools. Debate is perhaps the most challenging form of oral communication; it is the means of training for responsible decision making. The course will be centered around the study and actual debate of the national debate resolution. In the past, the resolution has focused on either a topic of national or international interest. Health care reform, welfare reform, educational reform, criminal procedure, and environmental policy changes have been discussed before as national interest topics. Internationally, policy changes in our relations with China and Latin America have been recently discussed as well as world concerns with pollution and agriculture. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Identify the main ideas in material presented orally.
2. Express and defend a point of view with differing forms of evidence.
3. Organize messages so that others can understand them.
4. Describe differences in opinion so that others may understand those differences.
5. Chart the course of argument in any discussion or debate format.
6. Locate needed material in any area library.

## Debate II

h0057

Prerequisite: Successful completion of Debate I. Must have passed five of the six courses from the previous semester.

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: None

Debate II continues where Debate I stopped. The course will be centered around the study and actual debate of the national debate resolution. In the past, the resolution has focused on either a topic of national or international interest. Health care reform, welfare reform, educational reform, criminal procedure, and environmental policy changes have been discussed before as national interest topics. Internationally, policy changes in our relations with China and Latin America have been recently discussed as well as world concerns with pollution and agriculture. Students must advance their skills in argumentation and debate and use those more advanced skills in competition against other schools. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Distinguish between informative and persuasive messages of national writers, speakers, and publishers.
2. Express and defend with evidence either side of a dichotomous issue.
3. Organize argument so that others can clearly understand the issues being raised.
4. Ask and answer questions in a manner that is informative.
5. Summarize the arguments for or against a controversial issue.
6. Easily locate needed materials in area university libraries.

## Debate III

h0058

Prerequisite: Successful completion of Debate II. Must have passed five of the six courses from the previous semester.

Credit: ½                      NCAA Core Credit: No

Grade: 11, 12                CTE Pathways: None

Debate III continues from where Debate II stopped. The course will be centered around the study and actual debate of the national debate resolution. In the past, the resolution has focused on either a topic of national or international interest. Health care reform, welfare reform, educational reform, criminal procedure, and environmental policy changes have been discussed before as national interest topics. Internationally, policy changes in our relations with China and Latin America have been recently discussed as well as world concerns with pollution and agriculture. Students are expected to not only advance skills in argumentation, but to learn skills in evaluation of others and tournament management. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Speak with appropriate rate, volume, and clarity in any speaking situation.
2. Recognize when another cannot understand the message and adapt so that understanding can be achieved.
3. Use chronological, topical, problem-cause, or cause effect order to explain relevant issues.
4. Obtain needed information in the most efficient manner.
5. Demonstrate skills in organizing people and events.

## Debate IV

h0059

Prerequisite: Successful completion of Debate III. Must have passed five of the six courses from the previous semester.

Credit: ½                      NCAA Core Credit: No

Grade: 12                      CTE Pathways: None

This course in public speaking is designed to advance the student in the art of argument and critical thinking skills. Debate theory is studied in depth, especially in its application to competition in championship divisions at area tournaments. Most work required to complete this course is expected to be completed outside the scheduled class time. A course fee is assessed. See current fee schedule.

Students completing this course will. . .



1. Demonstrate argumentative analytic skills.
2. Justify argumentative positions using various forms of support.
3. Generate research to support various positions used during debate rounds.
4. Explain the critical and philosophical arguments to various kinds of audiences.

## Forensics

h0065

Prerequisite: Must have passed 5 of 6 courses from the previous semester.

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12      CTE Pathways: None

This course is designed to develop the individual student's talent in public speaking, acting and oral interpretation. Extemporaneous speaking, oratory, informative speaking, prose and poetry interpretation, duet acting, and dramatic and humorous interpretation are some of the events that students have the opportunity to study. Students may also compete in Student Congress and Lincoln-Douglas Debate. Some Friday and Saturday tournament competition is required. This course may be taken for repeat credit and is offered during the spring semester. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Develop and perform the types of presentations used in competitive speech in KSHSAA sanctioned competition.
2. Locate appropriate materials in area libraries.
3. Demonstrate an understanding of public speaking by creating original manuscripts for performance.
4. Demonstrate an understanding of dramatic presentations by preparing cuttings for performance.
5. Participate in extracurricular speaking and dramatic contests.
6. Evaluate the quality of presentations.

## Intro to Public Speaking

h0063

Prerequisite: None

Credit: ½                      NCAA Core Credit: Yes

Grade: 9, 10                      CTE Pathways: None

Students in the class will learn how to speak in front of an audience. We will also study various types of media, listen to and watch noteworthy speeches by famous speakers, which students will evaluate. Students will hone not only their public speaking skills but also their listening comprehension skills, on which they will be graded. They will learn how to plan, research, compose, practice and deliver speeches. They will also learn about the different types of speeches. It is going to be an active, engaged journey to become a comfortable, confident, competent public speaker. We will learn the mechanics of speech and how they play out in various genres, including speaking to inform, persuade, and entertain. Students will also learn to give stellar classroom presentations and master interviews in a safe, non-judgmental environment. This course is offered as an English elective.

## College Public Speaking (CM101)-Allen Community College

h0066

Prerequisite: 3.0 GPA

Credit: ½ (High School), 3 College Hours      NCAA Core Credit: Yes

Grade: 10, 11, 12                      CTE Pathways: None

This course is designed to introduce students to the basic principles of effective speaking including topic selection, audience analysis, research, and presentational styles. Emphasis is placed on proper construction and presentation of expository, persuasive, and special occasions' speeches and panel discussions. A course fee is assessed.

Students completing this course will. . .

1. Successfully present five major speeches.
2. Successfully complete a midterm and comprehensive final.
3. Complete a series of classroom and speech preparation activities.
4. Develop understanding of rhetorical strategies to enhance critical evaluation skills of other speakers.

## Photojournalism

h0086, h0087

Prerequisite: **B** or above in Photography I, **Application (see instructor) AND signed permission of Photography instructor**

Credit: ½ credit per semester

NCAA Core Credit: No

Grade: 10, 11, 12

CTE Pathways: None

Students in this course will be responsible for producing the photographs for all school publications. Pictures will be taken with digital SLR cameras provided by the school. Students will work in conjunction with the newspaper and yearbook staff to meet deadlines and will master the arts of sports, feature and straight photography, as well as learn news-gathering skills where needed. Students will need to be able to attend a number of after school games and events in order to take this class. It is very helpful if they can drive. Attendance and dependability are key to success in Photo J. This course may be repeated for credit. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate good picture taking skills, including the use of light, motion, composition, and focus, in a variety of situations.
2. Demonstrate a good understanding of the digital SLR camera, including how settings should be changed for various picture taking situations.
3. Demonstrate a good basic knowledge of Photoshop.
4. Apply camera and computer skills to meet deadlines.
5. Evaluate legal and ethical standards for photographs used in publication.

## Introduction to Journalism

h0089

Prerequisite: Instructor Approval

Credit: ½ per semester

NCAA Core Credit: No

Grade: 9, 10, 11

CTE Pathways: Digital Media

Students enrolled in this course will achieve additional academic knowledge and skills to adapt language for purpose and situation. This is a technical level course that is part of the AV Communications Pathway. Staffers will use oral and written communication skills, including technical terminology and information. They will solve problems using creativity, innovation, and critical thinking skills; they will also use leadership and teamwork skills to collaborate to accomplish organizational goals and meet deadlines. Finally, staffers will also value the importance of entrepreneurial skills.

## Yearbook Staff

h0090, h0091

Prerequisite: Introduction to Journalism with “B” or better and Instructor Approval

Credit: ½ (Per semester)

NCAA Core Credit: No

Grade: 9, 10, 11, 12 First time seniors in journalism will not be approved for this class. CTE Pathways: None

This course provides students the opportunity to learn how to organize, develop, and produce a school yearbook. This course is best suited for a yearlong commitment with the ability to handle and meet deadlines. Students in this course will be expected to work on the yearbook until their obligations to the staff are met. This course may be repeated for credit. A course fee is assessed. See current fee schedule.

Course Standards: Students completing this course will. . .

1. Experience the challenge of selling advertising to businesses.
2. Understand the importance of a team effort in producing a product.
3. Examine and create useful layout designs.
4. Gain experience in writing copy for publication.
5. Evaluate photographs and be able to select suitable prints for publication.
6. Demonstrate the ability to use computers to typeset copy and design layouts.
7. Organize their time to meet deadlines for publication.

## Newspaper Staff

h0095, h0096

Prerequisite: Introduction to Journalism with “B” or better and Instructor Approval

Credit: ½ (Per semester)

NCAA Core Credit: No

Grade: 9, 10, 11, 12 First time seniors in journalism will not be approved for this class. CTE Pathways: None

This course gives students an opportunity to write news, editorials, features, entertainment, and sports stories

which will be published in the school newspaper, **THE TOTEM**. Students will learn techniques and guidelines for writing headlines and captions and designing layouts. The ability to meet deadlines is very important. This course may be repeated for credit. A course fee is assessed.

Students completing this course will. . .

1. Experience the challenge of selling advertising to businesses.
2. Organize their time to meet story and page deadlines for newspaper publications.
3. Write interview questions for an assigned story and interview the appropriate people to be able to write the story.
4. Demonstrate the ability to interact and communicate with others for a team effort.
5. Demonstrate the ability to use computers to typeset stories and layout pages.
6. Write stories appropriate for publication.
7. Understand the power of the written word and use good judgment when deciding appropriate story assignments.

Advanced Projects in Journalism

h0097

Prerequisite: Newspaper or Yearbook Staff with "B" or better and Instructor Approval

Credit: ½                      NCAA Core Credit: No

Grade: 10, 11, 12            CTE Pathways: None

This course is designed to give publication staffers the opportunity to work on journalism course work through independent study.

Students completing this course will. . .

1. Work independently.
2. Evaluate their deadline obligations to staff on a daily basis and utilize their time wisely.
3. Work to meet publication staff deadlines.
4. Help other staff members who need help in meeting their responsibilities to staff.

# MATHEMATICS

Every student in Shawnee Heights will learn mathematics by using eight mathematical practices.

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

## MATHEMATICS COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Integrated Math I	h1126	1	X	X	X	X	
Math I Mastery	h1126A	1	X				Teacher Approval ONLY
Honors Integrated Math I	H1129A	1	X				
Integrated Math II	h1127	1	X	X	X	X	Integrated Math I
Math II Mastery	h1127A	1		X			Teacher Approval ONLY
Honors Integrated Math II	h1127B	1	X	X			8 <sup>th</sup> Grade Integrated Math I or Teacher Approval ONLY
Integrated Math III	h1128	1		X	X	X	Math II
Math III Mastery	h1128B	1			X		Teacher Approval ONLY
Honors Integrated Math III	h1128C	1		X	X		Honors Math II or Teacher Approval
Probability and Statistics	h1155	1/2			X	X	Math III
Intermediate Algebra	h1137	1/2				X	Math III
Transition to College Algebra	h1138	1				X	Math III
Trigonometry	h1140	1/2		X	X	X	Math III
Advanced Placement (AP) Calculus	h1150	1			X	X	see course description
College Statistics (MA140)	h1156	1/2			X	X	see course description
College Algebra (MA116)	h1160	1/2		X	X	X	see course description

### Integrated Math I

h1126

Prerequisite: None

Credit: 1                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12      CTE Pathways: None

This course stresses proficiency in algebraic skills essential for continued study in higher mathematics. Topics covered include the structure of different number systems, first degree equations and inequalities, polynomials, applications of factoring, functions, relations, and inequalities. This course is essential as background for vocations such as engineering, pharmacy, medicine, architecture, statistics, accounting, business mathematics, laboratory work in hospitals, and the operation of airplanes and computers. Daily problem assignments may require work outside of class time. This course should be taken for the entire year.

Students completing this course will. . .

1. Rewrite or simplify expressions.
2. Solve linear equations and inequalities.
3. Associate linear equations and inequalities.
4. Use tables, graphs, and calculators as tools to investigate algebraic concepts.

5. Represent situations through the use of expressions, equations and inequalities, and apply algebraic processes to solve.
6. Construct, use, and interpret tables and graphs that represent real-life situations.

### Math I Mastery

h1126A

Prerequisite: Teacher Approval ONLY

Credit: 1                      NCAA Core Credit: No

Grade: 9                      CTE Pathways: None

This is a support class that will provide a deeper understanding of the units of study in the Math 1 classroom. Topics covered include the structure of different number systems, first degree equations and inequalities, polynomials, applications of factoring, functions, relations, inequalities geometry proofs using deductive reasoning, polygons, similar triangles, transformations, circles, and advanced work with quadratic functions and linear systems.

### Honors Integrated Math I

h1129A

Prerequisite: None

Credit: 1                      NCAA Core Credit: Yes

Grade: 9                      CTE Pathways: None

This honors course is a more challenging alternative to Integrated Math I. The topics in this course will be studied in more depth than the regular course.

This course stresses proficiency in algebraic skills essential for continued study in higher mathematics. Topics covered include the structure of different number systems, first degree equations and inequalities, polynomials, applications of factoring, functions, relations, and inequalities. This course is essential as background for vocations such as engineering, pharmacy, medicine, architecture, statistics, accounting, business mathematics, laboratory work in hospitals, and the operation of airplanes and computers. Daily problem assignments may require work outside of class time. This course should be taken for the entire year.

Students completing this course will. . .

1. Rewrite or simplify expressions.
2. Solve linear equations and inequalities.
3. Associate linear equations and inequalities.
4. Use tables, graphs, and calculators as tools to investigate algebraic concepts.
5. Represent situations through expressions, equations and inequalities, and apply algebraic processes to solve.
6. Construct, use, and interpret tables and graphs that represent real-life situations.

### Integrated Math II

h1127

Prerequisite: Integrated Math I

Credit: 1                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12        CTE Pathways: None

This course stresses proficiency in algebraic skills essential for continued study in higher mathematics. Topics covered include the structure of different number systems, second degree equations and inequalities, polynomials, applications of factoring, functions, relations, and inequalities as well as developing deductive reasoning patterns to prove various geometric relationships. Using measurement and reasoning will help students obtain information about geometric applications. This course is essential as background for vocations such as engineering, pharmacy, medicine, architecture, statistics, accounting, business mathematics, laboratory work in hospitals, and the operation of airplanes and computers. Daily problem assignments may require work outside of class time. This course should be taken for the entire year.

Students completing this course will. . .

1. Solve quadratic equations.
2. Apply systems of equations.
3. Interpret and sketch geometric figures.
4. Represent problems with geometric models and apply properties of figures.

5. Classify figures in terms of congruence and similarity and apply these relationships.
6. Deduce properties of and relationships between figures from given assumptions.
7. Recall and apply algebraic skills to geometric figures and relationships.
8. Construct plane geometric figures.
9. Prove various geometric relationships using logical reasoning.

### Math II Mastery

h1127A

Prerequisite: Teacher Approval ONLY

Credit: 1                      NCAA Core Credit: No

Grade: 10                      CTE Pathways: None

This is a support class that will provide a deeper understanding of the units of study in the Math 2 classroom. Topics covered include the structure of different number systems, second degree equations and inequalities, polynomials, applications of factoring, functions, relations, and inequalities as well as developing deductive reasoning patterns to prove various geometric relationships. Using measurement and reasoning will help students obtain information about geometric applications.

### Honors Integrated Math II

h1127B

Prerequisite: Integrated Math I or Teacher Approval ONLY

Credit: 1                      NCAA Core Credit: Yes

Grade: 9                        CTE Pathways: None

This honors course is a more challenging alternative to Integrated Math II. The topics in this course will be studied in more depth than the regular course.

This course stresses proficiency in algebraic skills essential for continued study in higher mathematics. Topics covered include the structure of different number systems, second degree equations and inequalities, polynomials, applications of factoring, functions, relations, and inequalities as well as developing deductive reasoning patterns to prove various geometric relationships. Using measurement and reasoning will help students obtain information about geometric applications. This course is essential as background for vocations such as engineering, pharmacy, medicine, architecture, statistics, accounting, business mathematics, laboratory work in hospitals, and the operation of airplanes and computers. Daily problem assignments may require work outside of class time. This course should be taken for the entire year.

Students completing this course will. . .

1. Solve quadratic equations.
2. Apply systems of equations.
3. Interpret and sketch geometric figures.
4. Represent problems with geometric models and apply properties of figures.
5. Classify figures in terms of congruence and similarity and apply these relationships.
6. Deduce properties of and relationships between figures from given assumptions.
7. Recall and apply algebraic skills to geometric figures and relationships.
8. Construct plane geometric figures.
9. Prove various geometric relationships using logical reasoning.

### Integrated Math III

h1128

Prerequisite: Math II

Credit: 1                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

It is in Mathematics III that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.

Students completing this course will. . .

1. Inferences and Conclusions from Data.
2. Apply Polynomial, Rational, and Radical Relationships.

3. Apply Trigonometry of General Triangles and Trigonometric Functions.
4. Use Mathematical Modeling to solve problems.

### Math III Mastery

h1128B

Prerequisite: Teacher Approval ONLY

Credit: 1                      NCAA Core Credit: No

Grade: 11                      CTE Pathways: None

This is a support class that will provide a deeper understanding of the units of study in the Math III classroom. Topics covered include polynomial, rational and radical relationships, and their applications. Along with trigonometry of general triangles and trigonometry functions. Math connections to the real world and communication of mathematical thinking will be stressed.

### Honors Integrated Math III

h1128C

Prerequisite: Integrated Math II or Teacher Approval

Credit: 1                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12        CTE Pathways: None

In Honors Mathematics III students will pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.

Students completing this course will...

1. Inferences and conclusions from Data.
2. Apply Polynomial, Rational, and Radical Relationships.
3. Apply Trigonometry of General Triangles and Trigonometric Functions.
4. Use Mathematical Modeling to solve problems.

### Probability and Statistics

h1155

Prerequisite: Math III

Credit: ½                      NCAA Core Credit: Yes

Grade: 11, 12                CTE Pathways: None

This course covers standard scores, probability, normal distributions, sampling, standard deviation and methods of analyzing data. College-bound students who plan to enter fields such as business, education, economics, psychology, sociology, and medicine are encouraged to take this course. Daily assignments may require extensive work outside of class time.

Students completing this course will. . .

1. Construct and draw inferences from charts, tables, and graphs including box plots, histograms, stem-and-leaf and scatter plots.
2. Understand, apply, and analyze the effects of measures of central tendency, variability, and correlation.
3. Understand sampling and recognize its role in statistical claims.
4. Design a statistical experiment to investigate a problem, conduct the experiment, and interpret and communicate the standards.
5. Use experimental or theoretical probability to represent and solve problems involving uncertainty or chance.
6. Create and interpret discrete and continuous probability distribution.

### Intermediate Algebra

h1137

Prerequisite: Math III

Credit: ½                      NCAA Core Credit: No

Grade: 12                      CTE Pathways: None

This class is designed for students who did not qualify for College Algebra. Students will be taught skills necessary for passing the entrance exam for College Algebra such as simplifying radical and rational expressions, solving linear, quadratic, rational, and radical equations and inequalities, and graphing linear and quadratic equations.

## Transition to College Algebra

h1138

Prerequisite: Math III

Credit: 1                      NCAA Core Credit: No

Grade: 12                      CTE Pathways: None

This is a full year class designed for students who did not qualify for College Algebra. Students will be taught skills necessary for passing the entrance exam for College Algebra such as simplifying radical and rational expressions, solving linear, quadratic, rational, and radical equations and inequalities, and graphing linear and quadratic equations.

## Trigonometry

h1140

Prerequisite: Math III

Credit:  $\frac{1}{2}$                       NCAA Core Credit: Yes

Grade: 10, 11, 12              CTE Pathways: None

This course will provide a foundation of pre-calculus concepts, techniques, and applications to prepare students for more advanced work. Students who plan to continue their study of mathematics and calculus are encouraged to take this course. The course should be taken for the entire year. Daily assignments may require extensive work outside of class time.

Students completing this course will. . .

1. Perform algebraic operations on functions as well as doing compositions and inversions.
2. Define logarithms, simplify logarithmic expressions, and solve exponential equations using logarithms.
3. Recognize the geometric characteristics and general equations of conic sections.
4. Use trigonometric functions and formulas to solve problems involving triangles.
5. Apply general graphing techniques to trigonometric functions.
6. Solve trigonometric equations and verify trigonometric identities.
7. Identify and define arithmetic and geometric sequences explicitly and recursively.
8. Find limits of infinite sequences and sums of infinite series.

## Advanced Placement (AP) Calculus

h1150

Prerequisite: Trigonometry with at least a grade of "B"

Credit: 1                      NCAA Core Credit: Yes

Grade: 11, 12                      CTE Pathways: None

This course is designed for students who are planning to study mathematics related fields at the college level. The main concentration of this course will be on various methods of differentiating and integrating functions along with their many applications. This will be preceded by a detailed study of limits and continuity of functions as well as a brief review of topics from Trigonometry. Heavy emphasis is placed on making connections between graphical, numerical, analytical, and verbal information. Daily assignments may require extensive work outside of class time.

College credit by examination may be earned. Students will be required to purchase their own graphing calculator.

Students completing this course will. . .

1. Understand and apply the conceptual foundation of limit, slope of a tangent line, and rate of change.
2. Find derivatives of various kinds of algebraic and transcendental functions.
3. Apply differentiation techniques to find maximum and minimum points in problem situations.
4. Find definite and indefinite integrals of various kinds of algebraic and transcendental functions.
5. Apply integration techniques to determine areas between curves and volumes of revolution.
6. Apply concepts of differentiable equations in problem situations.

## College Statistics (MA140)-Washburn University

h1156

Prerequisite: Algebra II or Math III, and ACT Math score of 25 or better, or a passing score on the Accuplacer Test, or a grade of "C" or better in College Algebra, 3.0 GPA

Credit:  $\frac{1}{2}$  credit (High School) and 3 college credits      NCAA Core Credit: Yes

Grade: 11, 12    CTE Pathways: None

The field of statistics is rapidly growing in importance and applicability. More and more disciplines, from the sciences to industry to business, are struggling to make sense of the mass quantities of data that have become



available through the widespread use of computers and data collection software tools. The analyses of these data are becoming the basis for making many crucial decisions. The purpose of this course is to introduce the student to some of the basic concepts of statistics, data manipulation, and data presentation, so that they are better prepared to deal with data, and with summaries of data produced by others. The student is shown how to deal with "information overload" by summarizing massive amounts of data in ways that reveal relevant information in a concise format. The student is also introduced to rational decision-making processes using statistical techniques such as hypothesis testing and confidence interval estimation.

College Algebra (MA116)-Washburn University h1160

Prerequisite: Math III and ACT Math score of 22 or better, or a passing score on the Accuplacer Test AND a 3.0 GPA; students with a grade of C or better in Intermediate Algebra and cumulative 3.0 GPA may also take College Algebra

Credit: ½ credit (High School) and 3 college credits

NCAA Core Credit: Yes

Grades: 10, 11, 12

CTE Pathways: None

The College Algebra course covers basic topics in Algebra, including the solution of linear and quadratic equations, factoring, graphing, inequalities, rational and irrational numbers, functions, and logarithms. This 3 credit hour course meets university general education requirements. A fee will be assessed. Students will be required to purchase their own graphing calculator.

Students completing this course will. . .

1. Solve quadratic and exponential functions.
2. Use a variety of representations to demonstrate the use of functions.
3. Model real-world situations with a variety of functions.
4. Demonstrate technical facility with algebraic processes.

## PHYSICAL EDUCATION

The objective of physical education is to contribute to the physical, mental, emotional, and social development of the student through participation in a variety of physical activities. The program is organized so that each student has the opportunity to participate in a variety of indoor and outdoor sports and activities. Credit requirement for graduation is one credit. One-half credit will come from the Teen Topics health requirement for graduation. ALL PHYSICAL EDUCATION ACTIVITY COURSES INCLUDE CARDIOVASCULAR CONDITIONING.

A Physical Education uniform will be required. Students may only enroll in one P.E. class per semester unless approved by an instructor.

Physical Education Program Standards: Upon completion of the high school physical education program, students will be able to demonstrate the following standards.

1. Be able to apply physical education to life.
2. Demonstrate knowledge and skills which better enable participation in group and team sports.
3. Assess physical fitness level and participate in activities that improve physical fitness, wellness, and cardiovascular fitness.
4. Improve movement through rhythm and dance.
5. Demonstrate knowledge and skills which better enable participation in sport and recreational activities.
6. Possess an awareness and respect for individual and cultural differences through a variety of physical education activities.

### PHYSICAL EDUCATION COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Teen Topics -or- Teen Topics Summer Online	h4400 vh440	1/2	X	X	X	X	see course description
Introduction Physical Education	h4405	1/2	X				
Team Sports & Conditioning	h4410	1/2		X	X	X	
Lifetime Sports & Conditioning	h4415	1/2		X	X	X	
Physical Conditioning	h4420	1/2	X	X	X	X	
Advanced Physical Conditioning	h4421	1/2	X	X	X	X	Physical Conditioning & Instructor Permission
Aerobics & Conditioning	h4425	1/2	X	X	X	X	
Weights and Activities	h4416B	1/2		X	X	X	

### Teen Topics

h4400/vh440

Prerequisite: None Available as a summer online option

Credit: ½ NCAA Core Credit: No

Grade: 9, 10, 11, 12 CTE Pathways: None

This course is designed to assist young adults in moving towards independence in decision making matters concerning their own health and safety. Individual wellness will include the topics current to teenagers in today's world. Personal choices will be a topic that is emphasized in class. Family health, mental health, physical health, social health, and emotional health are all general courses of study in this class. Specific topics will be developed from all of these areas for discussion. This class also includes a program of study in the area of first aid and CPR. Certification for first aid/CPR is possible. A course fee is assessed.

Students completing this course will. . .

1. Understand that choices and decision-making are areas of personal responsibility.
2. Understand what factors help create a positive self-concept.
3. Identify characteristics of a sexually healthy lifestyle.
4. Understand the effects of substance abuse.
5. Understand and demonstrate basic First Aid and CPR practices.
6. Live well.

## Introduction Physical Education

h4405

Prerequisite: None

Credit: ½ (per semester)

NCAA Core Credit: No

Grade: 9

CTE Pathways: None

This course is an activity course which will introduce students to team sports, individual sport/activities, and physical conditioning. This course is designed to allow ninth grade students a wide variety of physical education experiences. All students should be prepared to participate actively. A course fee is assessed. Students must receive a "C" or better, or obtain instructor approval, to repeat this course for credit spring semester. **A Physical Education uniform will be required.**

Students completing this course will. . .

1. Apply physical education to life experiences.
2. Demonstrate knowledge and skills that enhance participation in all sport activities.
3. Assess personal physical fitness levels.
4. Possess an awareness and respect for differences in students.

## Team Sports & Conditioning

h4410

Prerequisite: None

Credit: ½

NCAA Core Credit: No

Grade: 10, 11, 12

CTE Pathways: None

The emphasis will be to provide large group activity focusing on a variety of team sports. Those team sports could include flag football, soccer, volleyball, basketball, ultimate frisbee, team handball, kickball, floor hockey, softball, as well as any number of new games. Most sports will involve a two to three week unit which will allow for rules and strategies to be introduced. Active participation is a requirement. Weather may dictate how many activities are conducted outside versus indoor. A course fee is assessed. Students must receive a "C" or better, or obtain instructor approval, to repeat this course for credit. **A Physical Education uniform will be required.**

Students completing this course will. . .

1. Apply physical education to life experiences.
2. Demonstrate knowledge and skills which better enable participation in all activities.
3. Be able to assess physical fitness levels.
4. Possess an awareness and respect for differences among all students.

## Lifetime Sports & Conditioning

h4415

Prerequisite: None

Credit: ½

NCAA Core Credit: No

Grade: 10, 11, 12

CTE Pathways: None

This course will include lifetime sports and conditioning. Field trips to local venues may be part of this course, and students will be responsible for payment of any fee charged for the use of the facility. Sports may include: pickle ball, tennis, disc golf, ping pong, badminton, horse shoes, bowling, golf, hand ball, racquet ball, and other sports presented by the instructor. Active participation is a requirement for this class. The instructional emphasis for each activity will be skill development. Each student will be introduced to rules, skills, and strategies for each activity. Students must receive a "C" or better, or obtain instructor approval, to repeat this course for credit. A course fee is assessed. **A Physical Education uniform will be required.**

Students completing this course will. . .

1. Be introduced to and know the value of lifetime sports and conditioning.
2. Develop the skill and knowledge in lifetime sports.
3. Know the rules of lifetime sports.
4. Have the opportunity to develop socialization skills through interaction with others in lifetime physical activities.

## Physical Conditioning

h4420

Prerequisite: None

Credit: ½ (per semester)

NCAA Core Credit: No

Grade: 9,10,11,12

CTE Pathways: None

Students taking this class will be introduced to skills necessary to lift weights, safely "spot" classmates who are

lifting, assess their physical fitness levels and understand the value of proper diet/nutrition-fluid intake. Health and skill related fitness areas will be emphasized. This class will have both novice and experienced lifters participating, and "mentoring" will be used to help advance the skills of less experienced students. Each student must pass a safety test on equipment and safe lifting techniques including spotting a partner before use of any equipment independently. Because of a possible wide range of backgrounds in this class, the instructor may conduct a "class with-in a class" format so that new students to the weight room gain a firm foundation of knowledge as to how to lift properly, gain confidence in their skills, and move beyond the novice classification. A student may not take more than one physical conditioning class per semester. Students must receive a "C" or better, or obtain instructor approval, to repeat this course for credit. A course fee is assessed. **A Physical Education uniform will be required. No Jewelry will be allowed.**

Students completing this course will. . .

1. Apply physical education to life, understand and appreciate basic physical fitness.
2. Use behavior that is safe for self and others in physical activities, as well as demonstrate proper social, cooperative and competitive skills as they relate to others.
3. Be able to assess individual physical fitness levels and participate in activities that improve physical fitness and wellness.
4. Demonstrate knowledge and skills which better enable participation in individual and team sports and recreational activities.
5. Be a wise consumer of sports equipment.

### Advanced Physical Conditioning

h4421

Prerequisite: Physical Conditioning and Instructor Permission

Credit: ½ (per semester)                      NCAA Core Credit: No

Grade: 9,10,11,12                              CTE Pathways: None

This course is designed for the student who wants to excel in physical conditioning. This advanced class is a highly structured program that students will follow, based on the prescribed workout for each day. Advanced Physical Conditioning will emphasize Olympic style lifts (over the head explosive lifts), sport-specific skills and a higher level of cardiovascular workout determined by the teacher's specific directions and commands. The grading scale for this class is based on participation, dressing out and exercise skill level. The student will need to be healthy enough to complete both upper and lower body lifts throughout the semester. A course fee is assessed. **A Physical Education uniform will be required. No Jewelry will be allowed.**

### Aerobics & Conditioning

h4425

Prerequisite: None

Credit: ½ per semester                      NCAA Core Credit: No

Grades: 9, 10, 11, 12                              CTE Pathways: None

This course is an introduction to aerobics, dance and physical conditioning. Step aerobics, kickboxing, and floor aerobics at both low and high impact may be included. Dance activities including line and social dance may be taught. Yoga, and other new forms of training will also be explored. Weight training, agility training, and some free weights may be used for conditioning. This is a highly active participation class. Students must receive a "C" or better, or obtain instructor approval, to repeat this course for credit. A class fee is assessed. **A Physical Education uniform will be required.**

Students completing this course will. . .

1. Know the value of physical activities in maintaining and improving their health.
2. Recognize the relationship between fitness training and personal health.
3. Develop safe and effective lifting techniques.
4. Experience a wide range of basic dance and aerobic steps.

Prerequisite: None

Credit: ½ per semester

NCAA Core Credit: No

Grades: 10, 11, 12

CTE Pathways: None

The class will provide opportunities to participate in physical fitness and sports. It is designed for the enjoyment of exercise while interacting with others. Some of the activities in the class are weight training, conditioning and sport related games. Participation and citizenship will determine your grade.

## SCIENCE

Science is the study of the natural world and the phenomena that we observe in it. Science includes a study of the methods by which information is gained, methods by which real-life problems are solved, and the body of organized knowledge that scientists have already gained. An understanding of the concepts of science is the basis for an understanding of technology and these concepts provide a foundation necessary for living and working in our technology-based society. An understanding of information gathering methods, analysis methods, and problem-solving techniques is necessary in the present “information age” in which we live.

Each student is required to successfully complete 3 credits (6 semesters) of science before graduation.

1. All students are required to take Biology.
2. All students are required to take Integrated Science A and B. A full year of Physics can be substituted for Integrated Science B.

Science Program Standards:

1. Students will demonstrate the understanding that science processes provide a means for producing knowledge.
2. Students will demonstrate the ability to receive, interpret, and give information that has meaning.
3. The student will demonstrate the understanding that all fields of science are interrelated.
4. The student will demonstrate the understanding that science is interrelated with other disciplines.
5. The student will demonstrate an understanding of the interrelationships of science and technology with social and physical environments.

### SCIENCE COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Biology	h2220	1	X	X	X	X	
Astronomy	h2255	1/2		X	X	X	
Integrated Science A -or- Integrated Science A Summer Online	h2208A vh2208A	1/2		X	X	X	Biology
Integrated Science B	h2208B	1/2		X	X	X	Biology
Zoology	h2230	1/2		X	X	X	Biology
Human Anatomy and Physiology A	h2235A	1/2		X	X	X	Biology
Human Anatomy and Physiology B	h2237	1/2		X	X	X	Biology
Humans and the Environment	h2240	1/2		X	X	X	Biology
Chemistry	h2270	1		X	X	X	Biology, Integrated Math I
Honors Chemistry	h2275A	1		X	X	X	Biology, Integrated Math I
Advanced Placement (AP) Chemistry	h10190	1			X	X	Chemistry or Honors Chemistry
Physics I	h2280	1		X	X	X	see course description
Physics II	h2281	1/2			X	X	see course description
College Biology (BI101)	h2225	1			X	X	see course description
Advanced Placement (AP) Physics 1 (non-calculus)	h2285A	1			X	X	see course description

### Biology

h2220

Prerequisite: None

Credit: 1

NCAA Core Credit: Yes

Grade: 9, 10, 11, 12

CTE Pathways: Health Science

Development of scientific thinking processes and the application of biological information to today’s society are the central themes of this course. Demonstration of laboratory skills, information organization, and analysis are required in this course. This course is designed to be taken over two concurrent semesters. A course fee will be

assessed. See current fee schedule.

Students completing this course will. . .

1. Participate in team projects and present information within the framework of the scientific method.
2. Understand the life processes and structure of cells as they relate to multicellular organisms.
3. Demonstrate the ability to use various laboratory equipment and follow correct and safe laboratory procedures.
4. Recognize current technologies in biology and evaluate possible economic, social, and ethical implications.
5. Demonstrate the ability to perform logical thought processes in analyzing data, understanding relationships, and drawing conclusions.
6. Develop an appreciation for the natural world in which we live.

### Astronomy

h2255

Prerequisite: None

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

This is a study of the celestial bodies and of their motions, magnitudes, and constitution. This will include a study of the history of astronomy, the members of the solar system, the moon, space exploration, methods of observation, stellar classifications, stellar evolution, and the sun. Students will be expected to make observations of celestial bodies. The course will include use of the school planetarium and telescope. A course fee will be assessed. See current fee schedule.

Students completing this course will. . .

1. Construct and use models to understand and predict celestial events.
2. Recognize constellations, stars, and planets in the sky for a specific season and describe what causes changes in these patterns.
3. Describe conditions that exist on planets in the solar system and explain the origins of these conditions.
4. Understand and predict phases of the moon.
5. Generate and revise hypotheses.
6. Participate with other students in the laboratory setting and cooperatively interpret laboratory data.
7. Recognize and examine current discoveries in astronomy.
8. Communicate effectively and correctly assess written communication.
9. Compute scales, using ratios, for models developed in laboratory.
10. Summarize important historical events in the development of modern astronomy.

### Integrated Science A

h2208A/vh2208A

Prerequisite: Biology      Available as a summer online option

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

Integrated Science A is a combination of earth science with chemistry and physics that will give you the foundations to help you in the future with scientific concepts. In this course you will learn to observe, question, formulate and test hypotheses, collect and present data, analyze data, collaborate and communicate results.

The following essential questions will be addressed:

1. What is the universe and what is the Earth's place in it?
2. How and why is Earth constantly changing?
3. How do Earth's surface processes and human activities affect each other?
4. How are science and engineering practices used to solve real world problems?

### Integrated Science B

h2208B

Prerequisite: Biology

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

Integrated Science B is a combination of physics and chemistry that will give you the foundations to help you in the future with scientific concepts. In this course you will learn to observe, question, formulate and test hypotheses,

collect and present data, analyze data, collaborate and communicate results.

The following essential questions will be addressed:

1. How can one explain the structure, properties, and interactions of matter?
2. How is energy transferred and conserved?
3. How can one explain and predict interactions between objects and within systems of objects?
4. How are waves used to transfer energy and send and store information?

How are science and engineering practices used to solve real world problems?

### Zoology

h2230

Prerequisite: Biology

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

The animal kingdom is the main topic of this course. Students will develop an appreciation and understanding of animals through a variety of laboratory experiences, written and visual text, and the exploration of current topics. Good attendance is necessary for this laboratory-based course. A course fee will be assessed. See current fee schedule.

Students completing this course will. . .

1. Understand the classification of the animal kingdom in terms of complexity and organization.
2. Master dissection techniques through laboratory work.
3. Demonstrate an understanding of their learning through oral and written performance.
4. Learn cooperatively with a partner and in a small group.
5. Compile, organize, and apply notes and information from coursework.

### Human Anatomy and Physiology A

h2235A

Prerequisite: Biology

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: Health Science

Exploring the human body is the focus of this course. Body structures and how they work will be the emphasis. Topics include: anatomical organization and terminology, integumentary, skeletal, muscle, nervous, and circulatory systems. Practical applications to careers and personal well-being will be discussed. Learning activities will include labs, discussion, readings, and presentations. A course fee will be assessed. See current fee schedule.

Students completing this course will. . .

1. Develop a foundation in anatomy and medical terminology.
2. Demonstrate an understanding of human anatomy and physiology through written and oral performances.
3. Recognize current technologies in the diagnosis and treatment of medical conditions.
4. Show an awareness of potential career applications in the field of human biology.
5. Demonstrate an ability to conduct, evaluate and discuss research information.

### Human Anatomy and Physiology B

h2237A

Prerequisite: Biology

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: Health Science

Exploring the human body is the focus of this course. Body structures and how they work will be the emphasis. Topics include: respiratory, excretory, digestive, endocrine, immune, and reproductive systems. Practical applications to careers and personal well-being will be discussed. Learning activities will include labs, discussion, readings, and presentations. A course fee will be assessed. See current fee schedule.

Students completing this course will. . .

1. Develop a foundation in anatomy and medical terminology.
2. Demonstrate an understanding of human anatomy and physiology through written and oral performances.
3. Recognize current technologies in the diagnosis and treatment of medical conditions.
4. Show an awareness of potential career applications in the field of human biology.
5. Demonstrate an ability to conduct, evaluate and discuss research information.



## Humans and the Environment

h2240

Prerequisite: Biology

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: None

This is an introductory course designed to foster awareness and concern for environmental issues. Students will gain a general understanding of the environment - its structure, function, and response to human activity. Students will study the following topics: ozone depletion; acid rain; the Greenhouse Effect; air, water, and land pollution; recycling; preservation of species; and energy relationships and alternative energy sources. Students will participate in a school-wide recycling program. Students will be involved in laboratories, projects, and field trips as part of their learning activities. This course is designed for students who have average or above average, understanding of general science concepts and have strong problem-solving skills. A course fee will be assessed. See current fee schedule.

Students completing this course will . . .

1. Express a concern for the environment through various media.
2. Develop decision-making skills and develop a knowledge base concerning contemporary environmental issues.
3. Demonstrate the ability to collect and interpret data taken from experimental models.
4. Analyze decisions on the basis of environmental impact.
5. Recognize how energy use affects the environment.

## Chemistry

h2270

Prerequisite: Biology, Integrated Math I

Credit: 1                      NCAA Core Credit: Yes

Grade: 10,11, 12            CTE Pathways: Health Science

This is a laboratory course dealing with the structure of matter and the changes that substances undergo. Formal laboratory reports and a strong background in math are required. Chemistry is an important course for anyone who plans to attend college. Critical thinking and problem solving are emphasized which will enable, not only the college bound, but anyone to deal with their world. This course should be taken for an entire year. A course fee will be assessed. See current fee schedule.

Students completing this course will . . .

1. Utilize dimensional analysis (unit analysis) in problem solving.
2. Utilize critical, creative, and divergent thinking to formulate and solve problems.
3. Communicate orally, and in writing, problem solving techniques and results in a well-organized, logical manner.
4. Understand the arrangement of Mendeleev's Periodic Table and use it as a tool in writing chemical formulas, balancing chemical equations, and problem solving based on the "mole" concept.
5. Access information; process, analyze, and synthesize it; and apply it to new situations.
6. Formulate questions based on information and observations of an event in such a way that experimentation can be done to seek the answers.
7. Work safely and efficiently in the laboratory, individually or as a member of a team.
8. Identify and manipulate variables within an experiment in order to determine how the outcome is affected.
9. Organize, analyze, interpret, and summarize data collected in the laboratory.
10. Express thoughts through written communication in a well-organized formal laboratory report that utilizes data to support conclusions.
11. Recognize chemistry concepts in practical (real-life) situations.

## Honors Chemistry

h2275A

Prerequisite: Biology, Integrated Math I, Integrated Science A (Concurrent)

Credit: 1                      NCAA Core Credit: Yes

Grade: 10, 11, 12            CTE Pathways: Health Science

This is a laboratory course that is tailored to the students who desire to be in science related careers such as

engineering, medicine, nursing, veterinary medicine, etc. This is a much faster paced and rigorous class than chemistry. Strong math skills are required. This course should be taken for an entire year. A course fee is assessed. See current fee schedule. Students are required to have a scientific calculator.

Students completing this course will. . .

1. Utilize dimensional analysis (unit analysis) in problem solving.
2. Utilize critical, creative, and divergent thinking to formulate and solve problems.
3. Communicate orally, and in writing problem solving techniques and results in a well-organized, logical manner.
4. Understand the arrangement of Mendeleev's Periodic Table and use it as a tool in writing chemical formulas, balancing chemical equations, and problem solving based on the "mole" concept.
5. Access information, process, analyze, and synthesize it; and apply it to new situations.
6. Formulate questions based on information and observations of an event in such a way that experimentation can be done to seek the answers.
7. Work safely and efficiently in the laboratory, individually or cooperatively.
8. Collect data, and determine relationships between experimental variables.
9. Identify and manipulate variables within an experiment in order to determine how the outcome is affected.
10. Predict results when variables within a system are changed.
11. Design controlled experiments and arrive at acceptable conclusions.
12. Organize, analyze, interpret, and summarize data collected in the laboratory.
13. Express thoughts through written communication in a well-organized formal laboratory report that utilizes data to support conclusions.
14. Recognizes chemistry concepts in practical (real-life) situations.

### Advanced Placement (AP) Chemistry

h10190

Prerequisite: Honors Chemistry or Chemistry

Credit: 1                      NCAA Core Credit: Yes

Grade: 11, 12                CTE Pathways: None

The Advanced Placement Chemistry course is designed to be the equivalent of a general chemistry course usually taken during the first year of college. AP Chemistry is will extend students' understanding of chemistry by providing an in-depth study of fundamental concepts. Emphasis is placed upon laboratory experiences and chemical problem solving. Topics include structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics and basic concepts of thermodynamics. The course contributes to the students' abilities to express ideas orally and in writing, with clarity and logic. Successful completion of this course prepares students for the Advanced Placement (AP) Chemistry Exam There is a cost associated with the AP exam; however, the exam is not required.

### Physics I

h2280

Prerequisite: Biology, Integrated Math I

Credit: 1                      NCAA Core Credit: Yes

Grade: 11, 12                CTE Pathways: None

This is a laboratory course that will cover topics concerning matter and energy. Topics covered include the following: motion, mechanics, energy, sound, light, heat, electricity, and others. Mathematics will be used; however, an emphasis will be placed on students attaining a conceptual understanding of physical phenomena. A major area of emphasis is in learning to model physical phenomena mathematically in order to solve advanced problems. Students will gain this understanding through a variety of learning experiences including demonstrations, hands on laboratory experiences, readings, discussions, and lectures. This course involves extended learning projects that challenge a student to apply the scientific method or engineering design process to solve a student identified problem. Physics is an important course for those who plan further study in science, engineering, technology or who are college-bound. This course should be taken for an entire year. A course fee is assessed. See fee schedule. Students are required to have a notebook and scientific calculator.

Students completing this course will. . .

1. Use appropriate tools for technology to obtain data.
2. Assess the error in measurement and identify sources of error.
3. Generate and revise hypotheses on the basis of observed data.
4. Participate in a science investigation team to resolve a team-directed problem.
5. Utilize the engineering design process when solving appropriate problems.
6. Create graphical and mathematical models for physical events and assess the validity of those models.
7. Communicate conclusions effectively and assess the effectiveness of those communications.
8. Predict results when variables within a system are changed.
9. Recognize the careers that are associated with an understanding of physics.
10. Apply laws of science to solve problem solving situations.

## Physics II

h2281

Prerequisite: Physics I or AP Physics I

Credit: ½

NCAA Core Credit: Yes

Grade: 11, 12

CTE Pathways: None

This is a continuation of Physics and AP Physics 1 covering topics in more depth including energy, sound, light, heat, fluids, electricity, magnetism, and others. Mathematics will be used, however, an emphasis will be placed on students attaining a conceptual understanding of physical phenomena. Physics 2 is an important course for those who plan further study in science, medicine, engineering, technology or other related fields. This is a semester long course. A course fee is assessed. See fee schedule. Students are required to have a notebook and a scientific calculator.

Students completing this course will understand the following essential questions:

1. How can one account for changes in energy?
2. How are waves used to transfer energy and send and store information?
3. Why is sound considered wave motion?
4. What is light? What are its properties?
5. How can lasers teach us about matter and atoms?
6. What is heat? What is heat's role in the production or transfer of energy?
7. What are the models for fluid flow?
8. How can energy be modeled in electrical systems?
9. What is magnetism? How does it work?

## College Biology (BI101) – Washburn University

h2225

Prerequisite: Biology, Chemistry, Physics or concurrent enrollment in Physics, 3.0 GPA

Recommended: Honors Chemistry, Zoology, Anatomy & Physiology

Credit: 1 (High School) and College Credit through Washburn University

NCAA Core Credit: Yes

Grade: 11, 12

CTE Pathways: None

This course is designed to be the equivalent of a college introductory Biology course taken by Biology majors their first year. Topics will include molecules and cells, heredity, evolution, organisms, and populations. Students will use a college-level Biology textbook and will cover a wider range of topics at a greater depth than in a high school course.

Students completing this course will...

1. Science as a Process; understanding the scientific method, experimental design
2. Evolution; evidence for evolution, evolutionary theory, development of life
3. Energy transfer; photosynthesis, respiration, heat, energy
4. Continuity and Change; reproduction, life cycles, DNA replication
5. Relationship of Structure to Function; cell structures, cell organelles, organs
6. Regulation; homeostasis, responses to environment, cell signaling
7. Interdependence in nature; ecology, relationship of photosynthesis and respiration
8. Science, Technology, and Society; population growth, advances in technology to study DNA, genetic disorders

Advanced Placement (AP) Physics 1 (non-calculus)

h2285A

Prerequisite: Honors Chemistry or Chemistry with Teacher Approval, Trigonometry and Analysis or concurrent enrollment.

Credits: 1 (yearlong course) Students may be able to earn college credit through successful completion of the AP Physics 1 exam.

NCAA Core Credit: Yes

Grades: 11, 12

CTE Pathways: None

Students will learn basic knowledge of physics, including phenomenology, theories and techniques, and generalizing principles. Students will gain problem-solving abilities by use of qualitative and quantitative reasoning, and by experimentation. Students will be encouraged to approach course work with curiosity and creativity. Students will understand connections of physics to other disciplines and societal issues.

Students completing this course will. . .

1. Read, understand, and interpret physical information -verbal, mathematical, and graphical.
2. Describe and explain the sequence of steps in the analysis of particular physical phenomena or problems; that is, a.) describe the idealized model to be used in the analysis, b.) state the principles or definitions that are applicable, c.) specify relevant limitations on applications of these principles, d.) carry out and describe the steps of the analysis, verbally or mathematically, and e.) interpret the results or conclusions, including discussion of particular cases of special interest.
3. Use basic mathematical reasoning (arithmetic, algebraic, geometric, trigonometric, where appropriate) in a physical situation or problem.
4. Perform experiments and interpret the results of observations, including making an assessment of experimental uncertainties.

## SOCIAL STUDIES

The social studies curriculum is designed to provide students with a broad background in the disciplines of history, political science, global affairs, sociology, and psychology. In this process, critical thinking, research and writing skills are emphasized.

The goal of social studies educators is to help all students develop a deep, rich network of understandings related to a limited number of essential topics. These essential learning topics are the democratic ideal, cultural diversity, economic development, global perspective, and participatory citizenship.

Each student is required to successfully complete three credits of social studies before graduation. Courses have been designed to meet the needs and abilities of all students. A number of elective courses are offered to enrich the experience of those students with a special interest in social studies.

### SOCIAL STUDIES COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
World Geography	h3300	1/2	X	X			
Modern American Conflicts: From Blitzkrieg to Baghdad	h3389	1/2	X	X	X	X	
Ethnic Studies	h3386	1/2	X	X	X	X	
Economics	h3385	1/2		X	X	X	
World History I	h3305	1/2		X	X	X	
World History II	h3306	1/2		X	X	X	World History I
Advanced Placement (AP) World History	h3308	1		X	X	X	
U.S. History	h3310	1			X		
Advanced Placement (AP) U.S. History	h3311	1			X	X	Soph. <b>with</b> Permission
College U.S. History (HI111)	h3320	1			X	X	Soph. <b>with</b> Permission, 3.0 GPA
U.S. Government	h3340	1/2				X	
Advanced Placement (AP) Government and Politics: United States	h3342	1				X	Juniors <b>with</b> Permission
Psychology	h3375	1/2			X	X	
Sociology	h3380	1/2			X	X	
Advanced Placement (AP) Human Geography	h3302C	1	X	X	X	X	None

### World Geography

h3300

Prerequisite: None

Credit: ½                      NCAA Core Credit: Yes

Grade: 9, 10                      CTE Pathways: None

Geography Standard: The student uses a working knowledge and understanding of the spatial organization of Earth's surface and relationships among people, places, and physical and human environments in order to explain the interactions that occur in our interconnected world.

Students completing this course will. . .

1. Use maps, graphic representations, tools and technologies to locate, use and present information about people, places, and environment.
2. Analyze the spatial organization of people, places, and environments that form regions on the Earth's surface.
3. Understand Earth's physical systems and how physical processes shape Earth's surface.

4. Understand how economic, political, cultural, and social processes interact to shape patterns of human populations, interdependence, cooperation and conflict.
5. Understand the effects of interactions between human and physical systems.

Modern American Conflicts: From Blitzkrieg to Baghdad h3389

Prerequisite: None

Credit: ½                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12      CTE Pathways: None

Students in this semester course will explore the history of American conflict from World War II through modern developing events in the Middle East. In particular the course will cover origins, context, decision-making, strategy and consequences of World War II, the Vietnam conflict and the world after 9/11. Students will address questions of why the United States got into war, what the war meant for those at home and serving abroad, and the consequences (political, social, economic) of conflict. The course will engage students on questions of patriotism and freedom and the extension of American soil and diplomatic reach. Not only will students research the role of government and military but will also look at the individual and their relationship to wartime. Students can expect to participate in inquiry projects, engage with primary sources and conduct research about each of these three conflicts.

Ethnic Studies h3386

Prerequisite: None

Credit: ½                      NCAA Core Credit: Yes

Grade: 9, 10, 11, 12      CTE Pathways: None

This course will study the sociological and historical impact and contributions of all major ethnic groups in the United States including African-Americans, Asian-Americans, Hispanic Latino-Americans, American Indians, and European-Americans. We will attempt to provide an understanding of racism, prejudice and discrimination and the harm they inflict upon individuals and society.

Students completing this course will. . .

1. Analyze and discuss the achievements and impacts of major ethnic groups on American society.
2. Identify and contrast the prominent Americans of many diverse ethnic backgrounds.
3. Define and recognize racism, prejudice and discrimination.
4. Recall and evaluate major issues facing our multi-cultured society and each major ethnic group.
5. Develop an appreciation and understanding of the diversity of the music, art and literature of each major ethnic group in American society.
6. Summarize current events dealing with ethnic groups from the newspaper and explain during a class presentation.

Economics h3385

Prerequisite: None

Credit: ½                      NCAA Core Credit: Yes

Grade: 10, 11, 12      CTE Pathways: Business Management and Entrepreneurship, Business Finance

This course will cover basic economic concepts of micro-economics. Selected concepts shall include supply and demand, the role of government in the economy, and international economic affairs. The primary emphasis of the course will be on critical thinking skills and the elementary analysis of micro-economics.

Students completing this course will. . .

1. Identify basic economic concepts and theories.
2. Interpret basic economic concepts through reasoning.
3. Analyze the effect of various economic theories on their daily lives.
4. Compare and contrast various international economic issues.
5. Analyze our individual economic choices through logic and sound economic reasoning.



5. Cultural and intellectual developments and interactions among and within societies.
6. Changes in functions and structures of states and in attitudes toward states and political identities (political cultures) including the emergence of the nation-states (types of political organization).

U.S. History h3310

Prerequisite: none

Credit: 1 (yearlong class)

NCAA Core Credit: Yes

Grade: 11

CTE Pathways: None

This course is taught in a chronological approach covering areas of economic, political, social and technical developments from the 1890's to the present. This is a lecture/project oriented course.

The student uses a working knowledge and understanding of significant individuals, groups, ideas, events, eras, and developments in the history of Kansas, the United States, and the world, utilizing essential analytical and research skills.

Students completing this course will . . .

1. Use a working knowledge and understanding of individuals, groups, ideas, developments, and turning points in the Civil War through the Industrial era of United States history from 1890 to 1900.
2. Use a working knowledge and understanding of individuals, groups, ideas, developments, and turning points in the era of the emergence of modern United States from 1900 to 1950.
3. Use a working knowledge and understanding of individuals, groups, ideas, developments, and turning points in the era of the Great Depression through World War II in United States history from 1930 to 1945.
4. Use a working knowledge and understanding of individuals, groups, ideas, developments, and turning points in the era of contemporary United States history since 1945.
5. Engage in historical thinking skills.

Advanced Placement (AP) U.S. History h3311

Prerequisite: None

Credit: 1 (yearlong class) College credit by Examination

NCAA Core Credit: Yes

Grade: 11, 12 (10<sup>th</sup> with permission)

CTE Pathways: None

Course goals and themes are established by the College Board advanced placement program and are listed below. The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

Students completing this course will

1. Engage in a survey of American history covering 9 periods (1491-Present Day).
2. Develop historical thinking skills as outlined by the College Board for the Advanced Placement exam.
3. Present and demonstrate learning using the format of the Advanced Placement exam.

The course is taught on a freshman college level. It requires a substantial amount of reading and preparation for every class. All students that are looking for preparation for college and an advanced level of work should strongly consider this course. Students that successfully complete **BOTH** semesters of the course will receive the A.P. designation on their high school transcript and state credit for graduation. **Students that drop at the semester will still need to successfully complete the U.S. History course to graduate.** Students may decide to take the A.P. exam in the spring but it is not required. The course will be taught specifically to prepare students to take the exam. The decision to give college credit based on results of the A.P. exam is entirely up to the discretion of the university the student later enrolls in.



College U.S. History (HI111)-Washburn University

h3320

Prerequisite: 3.0 GPA

Credit: 1 (High School) and College Credit through Washburn University

NCAA Core Credit: Yes

Grade: 11, 12 (10<sup>th</sup> with permission)

CTE Pathways: None

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. Students should learn to assess historical materials, their relevance to a given interpretive problem reliability, and importance, and to weigh the evidence and interpretations presented in historical scholarship.

Students completing this course will. . .

1. Know important facts, concepts, and theories pertaining to U.S. history
2. Develop skills necessary to arrive at conclusions on the basis of an informed judgment
3. Present reasons and evidence clearly and persuasively in essay format.
4. Engage in critical thinking, analysis, and writing.
5. Be assessed in a variety of ways, including a critical thinking rubric provided by Washburn University’s History department.

The course is taught on a freshman college level. It requires a substantial amount of reading and preparation for every class. All students that are looking for preparation for college and an advanced level of work should strongly consider this course. **Students that drop at the semester will still need to successfully complete the U.S. History course to graduate.**

U.S. Government

h3340

Prerequisite: None

Credit: ½

NCAA Core Credit: Yes

Grade: 12

CTE Pathways: None

It is assumed that all Americans should know and understand the nature of the American system of government, its principles, and ideals. This course treats the origins, development, organizations, power, and actual working of American government and emphasizes the changes and developments in recent years at the local, state, and national levels.

Government Standard: The student uses a working knowledge and understanding of governmental systems of the United States and other nations with an emphasis on the U.S. Constitution, the necessity for the rule of law, the civic values of the American Constitutional government, and the rights, privileges, and responsibilities to become active participants in the democratic process.

Students completing this course will. . .

1. Understand the rule of law as it applies to family, school, local, state and national governments.
2. Understand the shared ideals and the diversity of American society and political culture.
3. Understand how the U.S. Constitution allocates and restricts power and responsibility in the government.
4. Identify and examine the rights, privileges and responsibilities in becoming an active participant.
5. Understand various systems of governments and how nations and international organizations interact.

Advanced Placement (AP) Government and Politics: United States

h3342

Prerequisite: None

Credit: 1 (College credit by Examination)

NCAA Core Credit: Yes

Grade: 12 (11<sup>th</sup> with permission)

CTE Pathways: None

Course goals and themes are established by the College Board advanced placement program and are listed below. This course will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics.

Students successfully completing this course will:

1. Know important facts, concepts, and theories pertaining to U.S. government and politics
2. Understand typical patterns of political processes and behavior and their consequences
3. Be able to analyze and interpret basic data relevant to U.S. government and politics

To meet the listed goals, A.P. Government and Politics: United States is taught using 6 overarching themes.

1. Constitutional Underpinnings of United States Government



5. conflicts over the demands of ethnic minorities, the role of women in society, and the inequalities between developed and developing economies
6. explanations of why location matters to agricultural land use, industrial development, and urban problems
7. the role of climate change and environmental abuses in shaping the human landscapes on Earth

## TECHNOLOGY EDUCATION

Students in Technology Education courses will have the unique opportunity to experience and develop a basic appreciation and understanding of the strong industrial and technical society found in today's world. Technology Education seeks to provide the practical and technical knowledge and experiences that help all students deal with the problems of everyday life. Safe work habits, proper attitudes, operations, procedures and processes, and occupational information, are all utilized to help provide practical hands on experience in planning, designing and constructing student projects. Technology Education courses provide cultural, technical, consumer, recreational, career, and personal achievement values for the student.

### TECHNOLOGY EDUCATION COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Drafting I	h9660A	1/2	X	X	X	X	
Drafting II	h9660B	1/2	X	X	X	X	Drafting I
Production Welding Processes I	h9665A	1/2	X	X	X	X	
Production Welding Processes II	h9665B	1/2	X	X	X	X	Production Welding Processes I
Production Welding Processes III	h9666A	1/2		X	X	X	Production Welding Processes II
Production Welding Processes IV	h9666B	1/2		X	X	X	Production Welding Processes III
Cabinetmaking & Furniture Design I	h9670A	1/2	X	X	X	X	
Cabinetmaking & Furniture Design II	h9671A	1/2	X	X	X	X	Cabinetmaking & Furniture Design I
Cabinetmaking & Furniture Design III	h9672A	1/2		X	X	X	Cabinetmaking & Furniture Design II
Cabinetmaking & Furniture Design IV	h9673A	1/2		X	X	X	Cabinetmaking & Furniture Design III

### Drafting I

h9660A

Prerequisite: None

Credit: ½

NCAA Core Credit: No

Grade: 9, 10, 11, 12

CTE Pathways: Construction and Design, Manufacturing

Basic technical drawing is an introductory course that is designed to present technical drawing as a form of communication. This course approaches drafting as the “language of industry” and is aimed at giving the student an understanding in the general principles and techniques used in the drafting field, including CAD (computer aided drawing). BTD gives the student an opportunity to form a solid base in understanding, reading, and developing drawings used in industry. A course fee is assessed. See current fee schedule.

The student will:

1. Be able to identify and construct various technical drawings.
2. Learn to sketch in 2D and 3D.
3. Develop a technical vocabulary and learn to read and write technically.

4. Learn the industrial process and what role technical drawing plays in that process.
5. Learn to creatively solve problems and become a critical thinker.

Drafting II h9660B

Prerequisite: Drafting I

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12              CTE Pathways: Construction and Design, Manufacturing

Drafting II will focus on applying drawing and graphics principles to the medium of the computer. The student will be expected to use higher level thinking and problem-solving skills to complete computer drawing projects. Upon satisfactory completion of this class, students will have reached a skill level that should enable them to operate the CAD programs at Shawnee Heights with reasonable proficiency. This skill should open doors for the student who wishes to pursue CAD as a career. A course fee is assessed. See current fee schedule.

The student will:

1. Think critically to solve technical drawing problems with the computer.
2. Learn to draw with speed and accuracy using the computer.
3. Learn to manage drawing files
4. Learn to trouble shoot drawing program problems on the computer.

Production Welding Processes I h9665A (I)

Production Welding Processes II h9665B (II)

Prerequisite: Production Welding Processes I must be taken before Production Welding Processes II

Credit: 1/2 credit per course              NCAA Core Credit: No

Grade: 9, 10, 11, 12              CTE Pathways: Manufacturing and Power, Structure and Technical Systems

This course is an introductory course to welding technology. Students will study and get actual experience in the processes of oxy fuel and arc welding, and bench and sheet metal layout work. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Develop an understanding of welding and their processes.
2. Learn to follow a self directed plan to develop a project.
3. Learn to work cooperatively and safely with other students.
4. Develop various skills related to metals technology.
5. Understand the importance of practicing safety in the metals laboratory.

Production Welding Processes III h9666A (III)

Production Welding Processes IV h9666B (IV)

Prerequisite: Production Welding Processes II must be taken before Production Welding Processes III and  
Production Welding Processes III must be taken before Production Welding Processes IV

Credit: 1/2 credit per course              NCAA Core Credit: No

Grade: 10, 11, 12              CTE Pathways: Manufacturing and Power, Structure and Technical Systems

This is a second level welding technology course that gives students the opportunity to study the advanced technology and processes used in welding industry and construction. Included units of instruction are the processes of oxy fuel, arc, mig, and tig welding, and relative industrial processes. Advanced student selected projects will be utilized. This course can be repeated for credit. A course fee is assessed. See current fee schedule.

Students completing this course will. . .

1. Demonstrate the proper and safe use of all welding equipment and power tools in the laboratory.
2. Develop an understanding, and improve skills, at several different welding processes.
3. Participate with other students in technical project construction that produces acceptable results.
4. Complete and properly finish their projects.
5. Develop an understanding of how welding technology is used in industry and manufacturing.

## Cabinetmaking & Furniture Design I

h9670A

Prerequisite: None

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12        CTE Pathways: Construction and Design

This course is an introductory study of machine woodworking which includes the use of hand tools, machines, machine processes, and drafting. Areas covered include basic hand tool operation, machine operation, safety, joining, sanding, finishing, growth of trees, wood identification, figuring bill of materials, project planning, and drafting required projects for this class will be a night stand. A course fee is assessed. See current fee schedule. Students completing this course will. . .

1. Be able to correctly use drafting equipment.
2. Be able to identify and correctly use thirty basic woodworking tools.
3. Demonstrate the proper and safe use of five basic woodworking machines.
4. Demonstrate the proper and safe use of four types of portable power tools.
5. Identify nine basic woodworking joints and describe their use.
6. Plan and construct the required projects.

## Cabinetmaking & Furniture Design II

h9671A

Prerequisite: Cabinetmaking & Furniture Design I

Credit: ½                      NCAA Core Credit: No

Grade: 9, 10, 11, 12        CTE Pathways: Construction and Design

This is a second level machine wood technology course designed to provide the student additional knowledge and experience in woodworking operations and procedures. Additional woodworking machines and tools will be explained and demonstrated. The ability to work with each other, good working skills, safety, and pride in individual work will be stressed. Students will build their own. A course fee is assessed. See current fee schedule. Students completing this course will. . .

1. Be able to identify and correctly use fifty basic woodworking tools.
2. Demonstrate the proper and safe use of five additional woodworking machines.
3. Recognize and use the principles of cabinetmaking.
4. Draw to scale, using drafting equipment, the required projects.
5. Build your own project.
6. Identify fifteen common wood samples.
7. Develop a skill in operating basic woodworking power and hand tools.

## Cabinetmaking & Furniture Design III

h9672A (III)

## Cabinetmaking & Furniture Design IV

h9673A (IV)

Prerequisite: Cabinetmaking & Furniture Design II must be taken before Cabinetmaking & Furniture Design III and

Cabinetmaking & Furniture Design III must be taken before Cabinetmaking & Furniture Design IV

Credit: 1/2 credit per course per semester                      NCAA Core Credit: No

Grade: 11, 12    CTE Pathways: Construction and Design

This course provides an advanced study of technology and processes used in industry and construction. This will include woodworking machines, wood finishing, and refinishing, mass producing a cabinet, carpentry, and consumer knowledge. Advanced projects will be designed, draw (to scale), and completed by the student, with assistance from the instructor. Eighty to ninety percent of the class will be in the lab working on individual projects or on the mass production assignment. A course fee is assessed. See current fee schedule.

Students completing this course will...

1. Complete a project of choice.
2. Be able to figure a bill of materials, plan of procedure, and draw his/her project to scale using the proper drafting equipment.
3. Demonstrate the proper and safe use of the woodworking machines and power tools in the lab.
4. Obtain safe woodworking habits.
5. Be able to cooperate and work well with others.

6. Understand what skills industry expects them to know.
7. Mass produce and sell a cabinet.

## VOCATIONAL AG PROGRAM

Agricultural education is a systematic program of instruction available to students desiring to learn about the science, business, technology of plant and animal production and/or about the environmental and natural resources systems.

Through agricultural education, students are provided opportunities for leadership development, personal growth and career success. Agricultural education instruction is delivered through three major components:

Classroom/Laboratory instruction (contextual learning)

Supervised Agricultural Experience programs (work-based learning)

Student leadership organizations (National FFA Organization, National Young Farmer Educational Association and National Post-secondary Agricultural Student Organization).

### VOCATIONAL AG COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Introduction to Agriculture	h8000	1	X	X			
Agriscience	h8001	1		X	X	X	
Animal Science	h8002	1		X	X	X	Introduction to Agriculture
Plant and Soil Science	h8003	1		X	X	X	Introduction to Agriculture
Veterinary Science	h8006	1			X	X	Animal Science
Agribusiness	h8005	1			X	X	Two years ag pathway courses
Ag Leadership and Communications	h8007	1			X	X	Animal Science or Plant/Soil Science
Ag Mechanics	h8008	1		X	X	X	Introduction to Agriculture
Advanced Ag Mechanics	h8020	1			X	X	Ag Mechanics
Applications in Agribusiness	h8009	1				X	Agribusiness
Natural Resources and Management	h8010	1		X	X	X	Introduction to Agriculture
Environmental Resource and Wildlife Science	h8015	1			X	X	Natural Resources and Management

Introduction to Agriculture

h8000

Prerequisite: None

Credit: 1

NCAA Core Credit: No

Grades: 9, 10

CTE Pathways: Power, Structural and Technical Systems

Agribusiness Systems, Comprehensive Agricultural Services

Animal Science, Natural Resources and Environmental Systems

This course is an introductory course designed to allow students to study the different facets the agriculture industry and the FFA program. Topics will include animal science, plant science, and agribusiness. Leadership skills, problem-solving skills, and public speaking skills will be enhanced through course outcomes and FFA opportunities. Additionally, important components of this course will address the development of career, employment, and workplace skills.

Agriscience h8001

Prerequisite: None

Credit: 1                      NCAA Core Credit: No

Grades: 10, 11, 12            CTE Pathways: Power, Structural and Technical Systems  
Agribusiness Systems, Comprehensive Agricultural Services  
Animal Science, Natural Resources and Environmental Systems

Agriscience is a year-long introductory course to multiple agriculture pathways. This course provides an overview of a wide range of topics related to plant science, animal science, and soil science. Students interested in ag business, ag communications, veterinary science, horticulture, or a host of other ag related fields should consider taking this course.

Animal Science h8002

Prerequisite: Introduction to Agriculture

Credit: 1                      NCAA Core Credit: No

Grades: 10, 11, 12            CTE Pathways: Comprehensive Agricultural Services, Animal Science

This year-long course focuses on the care of domestic and farm animals. Topics include nutrition, health, behavior, anatomy/physiology, diseases/parasites, reproduction, facilities, pasture management, and marketing. Contemporary issues addressing animal welfare and consumer welfare, as well as career opportunities, will be studied.

Plant and Soil Science h8003

Prerequisite: Introduction to Agriculture

Credit: 1                      NCAA Core Credit: No

Grades: 10, 11, 12            CTE Pathways: Comprehensive Agricultural Services

Students will explore the art and science of growing plants, shrubs, trees, flowers, fruits, agriculture crops and vegetables in this year-long course. Topics may include greenhouse and nursery operations, soils & media mixtures, soil chemistry, fertility, mineralogy, hydrology, soil conservation, irrigation, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed & pest control, & floral design.

Veterinary Science h8006

Prerequisite: Animal Science

Credit: 1                      NCAA Core Credit: No

Grades: 11, 12                CTE Pathways: Animal Science

This year-long course includes topics related to causes, diagnosis, and treatment of animals suffering injuries and subsequent veterinary care. An emphasis will be place on both domestic and farm animals. Topics may include anatomy and physiology, nutrition, behavior, reproduction, and disease prevention.

Agribusiness h8005

Prerequisite: 2 years of Ag Pathway courses

Credit: 1                      NCAA Core Credit: No

Grades: 11, 12                CTE Pathways: Power, Structural and Technical Systems  
Agribusiness Systems, Comprehensive Agricultural Services  
Animal Science, Natural Resources and Environmental Systems

This year-long course is designed for the student looking to explore career options within the agricultural industry. Basic skills related to economic principles, budgeting, recordkeeping, finance, business law, risk management, marketing insurance and resource management are studied within the context of agriculture-related careers.

Ag Leadership and Communications h8007

Prerequisite: Animal Science or Plant/Soil Science

Credit: 1                      NCAA Core Credit: No

Grades: 11, 12              CTE Pathways: Power, Structural and Technical Systems  
Agribusiness Systems, Comprehensive Agricultural Services  
Animal Science, Natural Resources and Environmental Systems

This course offers instruction on leadership and communication skills with a focus on opportunities in the agriculture industries. Topics will include communication research, verbal and written communications, journalism, mass media, agriculture policy and human relations. Other topics may include problem solving and decision making and teamwork skills. An essential part of this course will be leadership activities and Supervised Agricultural Experience Programs. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

Ag Mechanics h8008

Prerequisite: Intro to Agriculture

Credit: 1                      NCAA Core Credit: No

Grades: 10-12              CTE Pathways: Power, Structural and Technical Systems

This laboratory course is designed to provide students with introductory level experiences in selected major areas of agricultural mechanics technology which may include small engine maintenance and repair, metal fabrication, concrete construction, building construction, plumbing, electrical wiring, maintenance of agricultural machinery, equipment and tractors. Learning activities include information, skill development and problem solving.

Advanced Ag Mechanics h8020

Prerequisite: Ag Mechanics

Credit: 1                      NCAA Core Credit: No

Grades: 11-12              CTE Pathways: Power, Structural and Technical Systems

The Goal of this laboratory course is designed to prepare students with advanced level experiences in selected major areas of agricultural mechanics technology which may include small engine maintenance and repair, metal fabrication, concrete construction, building construction, plumbing, electrical wiring, maintenance of agricultural machinery, equipment and tractors, and soil and water conservation. Learning activities include information, skill development and problem solving.

Applications in Agribusiness h8009

Prerequisite: Agribusiness

Credit: 1                      NCAA Core Credit: No

Grades: 12                      CTE Pathways: Agribusiness Systems

Communication and teamwork are emphasized throughout this course as students create and implement a business plan. Participants will maintain and use financial records and become familiar with the components of a business and a budget. Students will practice agricultural communication skills by interviewing others, writing feature stories, and creating a resume and cover letter as they discover career opportunities.

Natural Resources and Management h8010

Prerequisite: Introduction to Agriculture

Credit: 1                      NCAA Core Credit: No

Grades: 10, 11, 12              CTE Pathways: Natural Resources/Environmental Science



This course provides students a variety of experiences that in the fields of natural resources and ecology. Students will explore hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man's interaction with earth will be addressed. Students will select an ecosystem to study throughout the course and apply principles of natural resources and ecology from each unit of study to that ecosystem.

Environmental Resource and Wildlife Science h8015

Prerequisite: Natural Resource Management  
 Credit: 1                      NCAA Core Credit: No  
 Grades: 11, 12              CTE Pathways: Natural Resources/Environmental Science

Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the environmental science field, allowing students to build content knowledge and technical skills. Students will investigate areas of environmental science including ecosystem management, sustainable agriculture, energy choices, and pollution.

Students will maintain a research-level laboratory notebook throughout the course documenting their research and lab experiences. Issue analysis and experimental design will be highlighted as students develop and conduct environmental investigations. In addition, students will explore connections between the Environmental Issues lessons, Supervised Agricultural Experience, and FFA components that are important for the development of an informed agricultural education student. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating solutions to their peers and members of the professional community.

## HEALTH SCIENCE PROGRAM

Health science education prepares students for an introduction to successful careers and informed choices in the health care industry through collaboration among education, the healthcare industry, policy makers and professional organizations. This pathway is centered around technical skills and academic classes that lead to occupations commonly found in hospitals, clinics, dentistry, pharmacy, EMT, patient care, sports medicine, physical/occupational therapy and forensics.

### HEALTH SCIENCE PROGRAM COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Introduction to Health Care	WMED100	1/2	X	X	X	X	
Fundamentals of Emergency Services (non-certifying course)	WMED110	1/2		X	X	X	Introduction to Health Care
Medical Interventions	WMED115	1		X	X	X	Introduction to Health Care

Introduction to Health Care WMED100

Prerequisite: None  
 Credit: ½                      NCAA Core Credit: No  
 Grades: 9, 10, 11, 12      CTE Pathways: Health Science

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.

## Fundamentals of Emergency Services (non-certifying course)

WMED110

Prerequisite: Introduction to Health Care

Credit: ½

NCAA Core Credit: No

Grades: 9, 10, 11, 12

CTE Pathways: Health Science

This course places a special emphasis on the knowledge and skills needed in medical emergencies. Topics typically include clearing airway obstructions, controlling bleeding, bandaging, methods for lifting and transporting injured persons, simple spinal immobilization, infection control, stabilizing fractures, and responding to cardiac arrest. The courses may also cover the legal and ethical responsibilities involved in dealing with medical emergencies. Not a certifying course.

## Medical Interventions

WMED115

Prerequisite: Introduction to Health Care

Credit: 1

NCAA Core Credit: No

Grades: 10, 11, 12

CTE Pathways: Health Science

Students explore and identify the wide area of medical interventions and how health care professionals and researchers have identified causes and solutions to improve overall public healthcare. Such practitioners in allied health, dentistry, midwifery (obstetrics), medicine, nursing, optometry, pharmacy, psychology and other health professions are all involved in medical interventions. Students will explore such areas as infections, genes, cancer, organ failure, immunization, transplants, blood types, medical drugs, legal issues in health care, emerging technology, careers that use medical interventions, and safety.

## TEACHING AND TRAINING PROGRAM

Teaching and Training courses introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers and the techniques. These courses expose students to classroom management, student behavior, leadership, human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education. Educational Methodology courses prepare students to teach and guide others. These courses typically provide opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques.

### TEACHING AND TRAINING PROGRAM COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
Teaching as a Career	h14550	1			X	X	None
Teaching Internship	h14555	1				X	Teaching as a Career

## Teaching as a Career

h14550

Prerequisite: None

Credit: 1

NCAA Core Credit: No

Grade: 11, 12

CTE Pathways: Teaching and Training

This course introduces students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Exposure and training in classroom management, student behavior, leadership and human relation skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education are all a part of this course experience.

Prerequisite: None

Credit: 1

NCAA Core Credit: No

Grade: 12

CTE Pathways: Teaching and Training

This course provides students with work experience in fields related to education. Goals are set cooperatively by the student, teacher, and supervisors in workplace settings. Experiences typically include classroom activities in a variety of settings, with discussion, follow-up, and support throughout each placement.

## SPECIAL PROGRAMS

### SPECIAL PROGRAM COURSE OFFERINGS

COURSE TITLES	COURSE NUMBER	CREDIT	GRADE LEVEL				PREREQUISITE
			9	10	11	12	
AVID 9	h14112A	1	X				Application/Interview
AVID 10	h14112B	1		X			Application/Interview
AVID 11	h14112C	1			X	X	Application/Interview
AVID 12	h14112D	1				X	Application/Interview
Media Center Aide	h12011	1/2				X	Approval of Librarian
Office Aide	h12111	1/2				X	Approval
Teacher Aide	h12003	1/2				X	Approval
ACT Preparation	h14510, h14511	1/2			X	X	
AP Seminar	h0200	1		X	X	X	
AP Research	h0201	1			X	X	AP Seminar
Independent Study	h11900	1/2	X	X	X	X	Gifted IEP
Academic Advancement	h14525	1/2	X	X	X	X	Approval
JAG 1 (Jobs for America's Graduates)	h14113A	1	X	X			Approval
JAG 2 (Jobs for America's Graduates)	h14113B	1			X	X	Approval

AVID 9 h14112A

AVID 10 h14112B

AVID 11 h14112C

AVID 12 h14112D

Prerequisite: Complete Application and Interview Process

Credit: 1

NCAA Core Credit: No

Grade: 9, 10, 11, 12

CTE Pathways: None

Advancement Via Individual Determination (AVID) is a four-year elective course designed for students who have high potential for acceptance and success in postsecondary education. Students in the AVID program are required to enroll in rigorous courses, participate in extra-curricular activities, and be good citizens at school and in the community. Students focus on organizational and study skills, work on critical thinking, ask probing questions, get academic help from peers and college tutors, and participate in enrichment and motivational activities. Students in AVID will also participate in career and college exploration activities that make college dreams reality. Students and/or parents who believe this program might be of benefit should contact the student's counselor to begin the application and interview process.

## Media Center Aide

h12011

Prerequisite: Application (in Library)/Approval of Librarian

Credit: 1/2 (Elective) one aide position per semester

NCAA Core Credit: No

Grade: 11, 12

CTE Pathways: None

Students who were pre-approved need to secure librarian permission to serve as a media center aide. The form, located in the library, needs to be completed, signed by a librarian, and returned with your enrollment form. The student works in the media center checking out media to students and faculty members. The student may learn to operate audio-visual equipment. Duties include keeping the media center in proper order to provide the best and quickest service to students and faculty. The student will assist in getting periodicals and putting them away. No student may be an aide more than once per semester.

Students completing this course will. . .

1. Comprehend the importance of regular attendance.
2. Communicate with adults in a honest manner about work situations.
3. Maintain, protect, and care for school property.
4. Organize and accomplish tasks without direct supervision.
5. Exhibit ethical behavior regarding confidential information.
6. Understand appropriate behavior in various formal and informal situations.

## Office Aide

h12111

Prerequisite: Application (in Counseling Center)/Approval

Credit: 1/2 (Elective) one aide position per semester

NCAA Core Credit: No

Grade: 12

CTE Pathways: None

Students who were pre-approved need to secure administrator/counselor permission to serve as an office aide. Office aides perform a variety of duties including delivering messages, passes, and general office work. No student may be an aide more than once per semester. **A good attendance record is a mandatory requirement to successfully complete this course.**

Students completing this course will. . .

1. Comprehend the importance of regular attendance.
2. Communicate with adults in an honest manner about work situations.
3. Maintain, protect, and care for school property.
4. Organize and accomplish tasks without direct supervision.
5. Exhibit ethical behavior regarding confidential information.
6. Understand appropriate behavior in various formal and informal situations.

## Teacher Aide

h12003

Prerequisite: Application (in Counseling Center)/Approval

Credit: 1/2 (Elective) one aide position per semester

NCAA Core Credit: No

Grade: 12 only

CTE Pathways: None

Students who were pre-approved need to secure teacher permission to serve as a teacher aide. The form, located in the Counseling Center, needs to be completed and returned with your enrollment form. Duties will vary according to the needs of that specific teacher and/or the specific academic department. Students are required to confer with the individual teacher to determine specific requirements and expectations. A good attendance record is a mandatory requirement to successfully complete this course. The following guidelines are established for all teacher aides:

1. Student aides are assigned to a classroom unless on a pass for a specific assignment by a teacher.
2. No student may be assigned as an aide for more than one period per semester.
3. Students completing this course will. . .
4. Comprehend the importance of regular attendance.
5. Communicate with adults in an honest manner about work situations.
6. Maintain, protect, and care for school property.
7. Organize and accomplish tasks without direct supervision.
8. Exhibit ethical behavior regarding confidential information.
9. Understand appropriate behavior in various formal and informal situations.

## ACT Preparation

h14510, h14511

Prerequisite: None

Credit: ½ (Elective)

NCAA Core Credit: No

Grade: 10 (with permission), 11, 12

CTE Pathways: None

ACT Preparation is a one-semester opportunity to intensively prepare for the ACT, a standard admissions examination given nationwide to juniors and seniors who plan on attending college. The course utilizes both practice “paper and pencil” examinations and computer-based learning to review topics commonly found on the test and introduce test taking strategies.

## AP Seminar

h0200

Prerequisite: None

Credit: 1

NCAA Core Credit: No

Grades: 10, 11, 12

CTE Pathways: None

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

## AP Research

h0201

Prerequisite: AP Seminar

Credit: 1

NCAA Core Credit: No

Grades: 11, 12

CTE Pathways: None

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

## Independent Study

h11900

Prerequisite: Gifted IEP

Credit: ½ (Elective) Can be repeated for credit.

NCAA Core Credit: No

Grade: 9, 10, 11, 12

CTE Pathways: None

This course is provided for highly motivated students who demonstrate intellectual ability, specific academic aptitude, and/or creative thinking skills that go beyond the scope of the regular high school curriculum. Students have the opportunity to enrich the high school curriculum, prepare for college entrance, or develop unique proposals as negotiated with the instructor. Course requirements also include vocabulary development, current event discussion, and persuasive writing.

## Academic Advancement

h14525

Prerequisite: Gifted Facilitator approval and a GPA of 3.0 or higher

Credit: ½ (Elective) Can be repeated for credit.

NCAA Core Credit: No

Grade: 9, 10, 11, 12

CTE Pathways: None

See above course description for Independent Study.

## JAG 1 (Jobs for America's Graduates)

h14113A

Prerequisite: By Approval

Credit: 1 (Elective) Can be repeated for credit.

NCAA Core Credit: No

Grade: 9, 10

CTE Pathways: None

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 workplace "survival" skills (interpersonal relations, teamwork, 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.

## JAG 2 (Job's for America's Graduates)

h14113B

Prerequisite: By Approval

Credit: 1 (Elective) Can be repeated for credit.

NCAA Core Credit: No

Grade: 11, 12

CTE Pathways: None

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 workplace "survival" skills (interpersonal relations, teamwork, 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.

## Washburn Senior Academy

Prerequisite: Students must have completed at least six hours of Washburn University dual credit courses with at least a 3.00 GPA. Submit a brief application that includes a letter of recommendation from their high school principal or counselor, and if under 18, must have the approval of the parent or legal guardian to participate in the Academy.

Credit: Not Dual Credit – 9 hours of Washburn University Credit at half the normal tuition rate.

Grade: 12

NCAA Core Credit: No

CTE Pathways: None

Washburn Senior Academy is part of Washburn University's Accelerated College Experience (ACE) program. This program is designed to expand access to academically challenging college curricula for qualified high school students. The Senior Academy is an opportunity for high school seniors to earn nine hours of academic credit on the Washburn University campus. The courses meet from 8:00 to 11:00 am on Mondays, Wednesdays and Fridays. Check with your counselor for a list of possible courses.

## Washburn Tech

Students at Shawnee Heights High School who have reached junior status have the opportunity to attend Washburn Tech. Washburn Tech is **tuition free** to Shawnee Heights' students and provides them the opportunity to study a large variety of technology related fields (Refer to chart below). Shawnee Heights' students who complete an approved course of study at Washburn Tech can also apply those credits toward an **Associate Degree** at Washburn University depending on the Washburn Tech program. These degrees can be completed with a substantial savings to the student in time and money. Talk to your Shawnee Heights counselor for details.

**Students attend Washburn Tech each morning from approximately 8:00 to 11:10 a.m.** and return to Shawnee Heights for the remainder of the day. Transportation will be arranged by SHHS.

Students wishing to enroll at Washburn Tech must complete the following:

- Be a junior or senior at Shawnee Heights
- Submit an application. (Get information from your counselor.)
- Meet with a Washburn Tech Representative on the designated time at Shawnee Heights.
- Successfully pass the Accuplacer Test, which is given at Shawnee Heights.
- If accepted, submit a \$20.00 enrollment fee and pay for required books, supplies and tools.
- On the Shawnee Heights enrollment sheet and in PowerSchool, enroll in:

Washburn Tech	h13920 and h13925
(Juniors) Junior English (T.S.)	h0033
(Seniors) Senior English (T.S.)	h0041A

### Washburn Tech Program Offerings

#### Technology Field

Business Technology:

Electronics Technology:

Health Occupations:

Graphics Technology:

Design Technology:

Human Resource Technology:

Mechanical Technology:

Building and Industrial Trades

Metal Technology:

#### Programs of Study

Legal Office Professional; Medical Office

Specialist; Business, Bookkeeping and Accounting

Computer Repair and Networking

Emergency Medical Technician

Healthcare Tech

*Intro into Human Anatomy*

*Medical Math/Terminology*

*Nursing Aide (CNA) and Home Health Aide*

Nursing Aide, Phlebotomy,

Practical Nursing and Surgical Technology (Adults Only)

Graphics Technology

Technical Drafting

Early Childhood Professional, Culinary Arts

Auto Service Technician; Auto Collision Repair; Diesel Technology

Cabinet/Millwork, Building Technology Short Course Electrical Technology,

Climate and Energy Control, Advanced Systems Technology

*Building Technology (Adult Only)*

*Heavy Commercial Construction (Adult Only)*

Machine Tool, Welding

*Adult only classes are listed for your information for later use.*