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# Minimum Requirements for the Scholastic Diploma

Curriculum Area	Credits	Curriculum Area Requirements
Language Arts	4	<b>4 credits</b> (English I, English II, English III, and English IV) to include the content contained in the Kentucky core academic standards for English and language arts. <b>Language arts shall be taken each year of high school.</b>
Math	4	<b>3 credits</b> to include Algebra I, Geometry and Algebra II. Fourth math maybe a related Math credit. <b>Mathematics shall be taken each year of high school.</b>
Science	3	<b>3 credits</b> that shall incorporate lab-based scientific investigation experiences and include the content contained in the Kentucky core academic standards for science.
Social Studies	3	<b>3 credits</b> to include the content contained in the Kentucky core academic standards for social studies.
Health & PE	1	<b>1/2 credit</b> to include the content strands of individual well-being, consumer decision, personal wellness, mental wellness, and community services. <b>1/2 credit</b> to include the content strands of personal wellness, psychomotor, and lifetime activity.
Technology		Demonstrated performance-based competency in technology
Visual and Performing Arts	1	<b>1 credit</b> in a history and appreciation of visual and performing arts or a performing arts course which incorporates such content ( <i>Credit to include the content strands of arts, dance, music, theatre, and visual arts or a standards-based specialized arts course based on the student's Individual Learning Plan.</i> )
Foreign Language	0	Not required for this diploma
Electives	6	Academic and career interest standards-based learning experiences (to include four (4) standards-based learning experiences in an academic or career interest based on the student's Individual Learning Plan; and Demonstrated performance based competency in technology.)
Total	22	Credits to earn a Scholastic Diploma

Each student will complete an ILP (Individual Learning Plan) that emphasizes career plans and courses a student intends to take.

# Minimum Scholastic Diploma Requirements

	<b>9<sup>th</sup></b>	<b>10<sup>th</sup></b>	<b>11<sup>th</sup></b>	<b>12<sup>th</sup></b>
<b>English</b>	English I	English II	English III	English IV
<b>Math</b>	Algebra I	Geometry	Algebra II	Math Related
<b>Science</b>	Integrated Science	Biology	ICP	None required
<b>Social Studies</b>	World History or Honors World History	American Government or Honors American Government	US History	None Required
<b>PE/Health</b>	To be taken Freshman Year			
<b>Arts &amp; Humanities</b>	1/4 credit will be earned during the Freshman year	1/4 credit will be earned during the Sophomore year	1/4 credit will be earned during the Junior year	1/4 credit will be earned during the Senior year
<b>Foreign Language</b>	None Required	None Required	None Required	None Required
<b>Electives</b>	2	2	2	4
<b>Credits</b>	6	6	6	6

Student must demonstrate performance-based competency in technology within four years of graduation.

# Minimum Requirements for the Academic Diploma

Curriculum	Credits	Curriculum Area Requirements
Language Arts	4	<b>4 credits</b> (English I, English II, English III, and English IV) to include the content contained in the Kentucky core academic standards for English and language arts. <b>Language arts shall be taken each year of high school.</b>
Math	4	<b>3 credits</b> to include Algebra I, Geometry and Algebra II and upper level math. <b>Mathematics shall be taken each year of high school.</b>
Science	3	<b>3 credits</b> that shall incorporate lab-based scientific investigation experiences and include the content contained in the Kentucky core academic standards for science.
Social Studies	3	<b>3 credits</b> to include the content contained in the Kentucky core academic standards for social studies.
Health & PE	1	<b>1/2 credit</b> to include the content strands of individual well-being, consumer decision, personal wellness, mental wellness, and community services <b>1/2 credit</b> to include the content strands of personal wellness, psychomotor, and lifetime activity
Visual and Performing Arts	1	<b>1 credit</b> in a history and appreciation of visual and performing arts or a performing arts course which incorporates such content ( <i>Credit to include the content strands of arts, dance, music, theatre, and visual arts or a standards-based specialized arts course based on the student's Individual Learning Plan.</i> )
Technology		Demonstrated performance-based competency in technology
Foreign Language	2	Two credits in the same foreign language
Electives	4	Academic and career interest standards-based learning experiences (to include four (4) standards-based learning experiences in an academic or career interest based on the student's Individual Learning Plan; and Demonstrated performance based competency in technology.)
Total	22	Credits to earn an Academic Diploma

Each student will complete an ILP (Individual Learning Plan) that emphasizes career plans and courses a student intends to take.

# Minimum Academic Diploma Requirement

	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English I or Pre AP English I	English II or Pre AP English II	English III or AP English III	English IV or AP English IV
<b>Math</b>	Algebra I or Pre-AP Geometry (If Alg. I was taken during 8 <sup>th</sup> grade)	Geometry or Pre- AP Algebra II (if Pre-AP Geom. was taken during Freshman year)	Algebra II or Pre Cal/ Algebra III/ AP Statistics (if Pre-AP Alg. II was taken as a sophomore)	Pre Cal or Algebra III or AP Statistics (if not already taken)  Choice of: (if Pre Cal has been taken) *AP Calculus *AP Statistics *College Algebra
<b>Science</b>	Integrated or Biology or Pre AP Biology	Biology or Chemistry or Pre AP Chemistry	Chemistry or Physics or Pre AP Physics	Physics or Pre AP Physics or Optional: Science Elective
<b>Social Studies</b>	World History or Honors World History	American Government or Honors American Government	US History or AP US History	N/A
<b>PE/Health</b>	To be taken Freshman Year			
<b>Foreign Language</b>	n/a	n/a	n/a	Spanish I & II
<b>Electives</b>	1	2	2	2
<b>Credits</b>	6	6	6	6

Student must demonstrate performance-based competency in technology within four years of graduation.

\*Students on an accelerated path may follow a different sequence of classes.

# **Warren Central High School Required Credits for Promotion**

Starting with the class of 2016 the following credits are required for promotion to the next grade level:

Sophomore	6 credits
Junior	12 credits
Senior	18 credits

The class of 2016 will require 24 credits to graduate

The class of 2017 will require 25 credits to graduate

The class of 2018 will require 26 credits to graduate

Kentucky Law requires 22 credits fall under the required graduation courses. If a student has 30 credits, but he/she has not met the required 22 required graduation courses, the student has not met the requirements to graduate.

# Pre-College Curriculum

First-time freshmen under age 21 who enroll in a four-year degree program at a Kentucky public university must complete the PCC. Students who transfer to a four-year degree program or convert to baccalaureate status with fewer than 24 semester credit hours may be subject to PCC requirement the 1<sup>st</sup> ques.

## Pre-College Curriculum

### English/Language Arts

4 credits required English I, English II, English III, English IV (or AP English)

### Mathematics

4 credits required Algebra I, Algebra II, Geometry, and Higher Level Math

### Science

3 credits required credits to include life science, physical science, and earth/space science (at least one lab course)

### Social Studies

3 credits required from U.S. History, Economics, Government, World Geography and World Civilization

### Health

½ credit required

### Physical Education

½ credit required

### History and Appreciation of Visual, Performing Arts

1 credit required history and appreciation of visual and performing arts or another arts course that incorporates such content

### Foreign Language

2 credits required or demonstrated competency

### Electives

5 credits required (*5 rigorous*) Recommended strongly: 1 or more courses that develop computer literacy

**TOTAL CREDITS: 22**

# Performance Based Credit

In addition to Carnegie units, students may earn credit toward high school graduation through the District's standards-based, performance-based credit system that complies with requirements of Kentucky Administrative Regulation. Procedures for developing and amending the system shall address the following:

1. Conditions under which high school credit will be granted under the system that allow students to demonstrate proficiency and earn credit for learning acquired outside the normal classroom setting, outside of school, or in prior learning;  
Performance-based credit may be earned while the student is still "in school," but the instructional setting will look different from a traditional "seat time" environment.
2. Performance descriptors and their linkages to State content standards and academic expectations;  
At the high school level, performance descriptors and evaluation procedures shall be established to determine if the content and performance standards have been met.
3. Assessments and the extent to which state-mandated assessments will be used;
4. An objective grading and reporting process; and
5. Criteria to promote and support school and community learning experiences, such as internships and cooperative learning, in support of a student's individual learning plan. Such experiences shall be supervised by qualified instructors and aligned with State and District content and performance standards.

Students may receive credit toward graduation requirements by successfully completing performance-based credits in accordance with the following guidelines:

1. Students may earn performance-based credit:
  - a. as credit recovery (to complete the eight (8) semester high school course of study);
  - b. if the student is taking a performance-based course for acceleration purposes; or
  - c. if the student is taking a course designated as "performance-based".
2. In addition to 1 (a), (b), or (c) above, students taking performance-based courses must be enrolled in the District's Lighthouse Academy High School, Greenwood High School, South Warren High School, Warren Central High School, Warren East High School, or any of their respective feeder schools.

Any District school choosing to participate in a performance-based credit system will develop performance descriptors and assessments for measuring student progress. Participating schools will determine in which content areas students may earn credits

Assessment-based courses include the science and social studies classes that are not EOC as well as foreign language courses. These courses will be scored by the 1<sup>st</sup> quarter (45%) and 2<sup>nd</sup> quarter grade (45%) and a final exam (10%) that would include outside of class requirements.



# English Secondary Language Department

**Course:** Basic English (Intensive ESL Reading and Writing)  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9-12  
**Prerequisite:** English spoken as Second Language Score 0-1 on Language Assessment Scale Test

**Course Description:**

This course addresses needs of students who are not literate in their native language or English, and who have limited formal education. The focus is on basic literacy development from surface structure to deep structure systems so that students can begin to make sense of a variety of reading materials.

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**Course:** ESL I  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9-12  
**Prerequisite:** English spoken as Second Language Score 0-1 on Language Assessment Scale Test

**Course Description:**

Introductory course to English as a second language for the student of limited English proficiency. Course focuses on the development of the four basic communication skills of listening, speaking, reading, and writing in English. Placement through English language proficiency assessment and evaluation by the counselor and ESL specialist.

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**Course:** ESL II  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9-12  
**Prerequisite:** English spoken as a Second Language Score Level 2 on Language Assessment Scale test

**Course Description:**

ESL II is a continuation of ESL I. It is for intermediate 1 students. Emphasis is put on verb conjugation, sentence writing, grammar and vocabulary building.

**Course:** ESL III  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9-12  
**Prerequisite:** English spoken as a Second Language Score Level 3 on Language Assessment Scale test

**Course Description:**

Sheltered English is a transitional class for intermediate 2 students. Emphasis is placed on grammar, writing and vocabulary building. The student is also introduced to representative literary works.

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**Course:** ESL IV  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9-12  
**Prerequisite:** English spoken as Second Language Score 3-4 on Language Assessment Scale Test

**Course Description:**

This course continues the study of English. Academic content is learned through the English language, as the four basic communication skills of listening, speaking, reading, and writing in English are developed. Prerequisite: 160123 or placement through English language proficiency assessment and evaluation by counselor and ESL specialist.

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**Course:** ESL/Spec. Topics---Math  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9-12  
**Prerequisite:** English spoken as Second Language Score 0-1 on Language Assessment Scale Test

**Course Description:**

This course focuses on English language and basic mathematical concepts and skills needed by LEP students with little or no prior academic experience in mathematics. Emphasis is on the development of English skills needed to be successful in mathematics courses.

**Course:** ESL/Spec. Topics---Social Studies  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9-12  
**Prerequisite:** English spoken as Second Language Score 0-1 on Language Assessment Scale Test

**Course Description:**

This course presents skills and content, equivalent to those taught in general education social studies courses, to the student of limited English proficiency. Instruction and reading materials are adapted to ensure comprehension by the LEP student.

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**Course:** ESL/Spec. Topics---Science  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9-12  
**Prerequisite:** English spoken as Second Language Score 0-1 on Language Assessment Scale Test

**Course Description:**

This course presents skills and content, equivalent to those taught in general education science courses, to the student of limited English proficiency. Instruction and reading materials are adapted to ensure comprehension by the LEP student.

# Language Department

**Course:** English I  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade** 9  
**Prerequisite:** Placement determined by successful completion of 8th grade English, overall grade in 8th grade English, teacher recommendation, and scores from SRI, Explore, and STAR

## **Course Description:**

This course builds greater awareness of expression skills introduced in junior high school. The skills will include reading, writing, speaking and critical thinking. Content shall consist of formal grammar, basic genres of literature, written and oral communication. Each student will demonstrate skills in rhetorical analysis/ reading comprehension, writing and oral presentation. . Students will be required to complete assignments outside of designated class times.

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**Course:** Pre-A.P. English I  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9  
**Prerequisite:** Placement determined by successful completion of 8th grade English, overall grade in 8th grade English, teacher recommendation, and scores from SRI, Explore, and STAR

## **Course Description:**

This course, the first of the English college-preparatory courses, is designed for students who wish to develop the rhetorical analysis, composition and critical thinking skills required for success in college. The four areas of emphasis in this course are developing critical thinking and analytical reading skills through an intensive reading program of novels, short stories, poetry, drama and nonfiction; developing analytical, narrative, expository and imaginative writing skills; building competency in grammar and improving vocabulary knowledge. Students will be required to complete assignments outside of designated class times.

**Course:** English II  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 10  
**Prerequisite:** Placement determined by successful completion of English I, overall grade in English I, grade from English I final, teacher recommendation, and scores from 8th grade On-Demand and SRI

**Course Description:**

This course is designed to improve skills in grammar, reading, writing and oral communication. Students will study world literature including short stories, novels, plays, poetry, essays and letters. Students will demonstrate correct oral and written communication based on literature. Students will be instructed in composition of transactive writing (letters, articles, editorials, speeches, literary critiques, etc.) to address careers and communication issues. QualityCore – English II End-of-Course (EOC) exam upon completion of this course. Students will be required to complete assignments outside of designated class times.

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**Course:** Pre-A.P. English II  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 10  
**Prerequisite:** Placement determined by successful completion of English I, overall grade in English I, grade from English I final, teacher recommendation, and scores from 8th grade On-Demand and SRI

**Course Description:**

Pre-Advanced Placement English II builds on the rhetorical analysis reading and writing skills and critical thinking strategies fostered in Pre-AP English I through a study of literary genres that come predominately from American literature through a study of grammar and usage, class discussions, projects, presentations, independent reading, research and writing. Students will be required to complete assignments outside of designated class times. QualityCore – English II End-of-Course (EOC) exam upon completion of this course.

**Course:** English III  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 11  
**Prerequisite:** Placement determined by successful completion of English II, overall grade in English II, grade from English II final, teacher recommendation, and scores from PLAN and SRI

**Course Description:**

This course continues to develop student competency in various language arts skills and to enrich student knowledge of literary genres focusing on American authors and culture. Content emphasizes instruction in essay composition, the research process, research paper, grammar, oral language, literature appreciation/comprehension, and the Arts and Humanities curriculum. Students are required to take the On-Demand test and ACT as part of the mandated state assessment. Students will be required to complete assignments outside of designated class times.

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**Course:** AP English III/Language and Composition  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 11  
**Prerequisite:** Placement determined by successful completion of English II, overall grade in English II, grade from English II final, teacher recommendation, and scores from SRI and PLAN (PLAN Benchmarks of 21 in Reading and/or 18 in English required)

**Course Description:**

Students in this course practice close-reading strategies, analyzing a variety of predominately non-fiction works, with a focus on the five traditional canons of rhetoric. Course readings include expository, analytical, personal, and argumentative works from a variety of historical contexts, authors, and cultures. Students identify and explain an author's use of rhetorical strategies and techniques, and they practice analyzing and assessing the messages and purposes of a variety of visual rhetorical images. Students learn and practice writing in several forms (e.g., expository, analytical, narrative, argumentative essays) concerning a variety of topics (e.g. public policies, popular culture, personal experiences). Grammar and vocabulary studies are incorporated weekly. The course teaches research skills; students complete a research paper that requires them to present an argument, research said argument, and include visuals. This course is in accordance with the guidelines detailed by AP Central. The purpose of this course is to help students strengthen their skills in working with language and text while developing their own composition abilities. The expectation is that students will take the AP English Language and Composition Exam test, as this class emphasizes preparation for the AP exam, which may earn them advanced placement and/or college credit, depending upon the level of satisfactory performance. Students are required to take the On-Demand test and the ACT as part of the mandated state assessment. Students are required to complete assignments outside of designated class times.

**Course:** English IV  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 12  
**Prerequisite:** Placement determined by successful completion of English III, overall grade in English III, grade from English II EOC exam, teacher recommendation, and scores from SRI and PLAN

**Course Description:**

This course further develops student competencies in use of critical thinking strategies in support of reading comprehension, as well as writing. Literacy study will focus on the literature of Great Britain and selected works from non-European cultures. Writing will focus on expository and transactive formats (essays, critiques, speeches, letters, articles, editorials, etc.). A research paper will be required for all students in order to prepare for academic writing and CCR standards. Students will be required to complete assignments outside of designated class times.

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**Course:** AP English IV Literature & Composition  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 12  
**Prerequisite:** Placement determined by successful completion of English III, overall grade in English III, grade from English II EOC exam, teacher recommendation, and scores from SRI and PLAN (PLAN Benchmarks of 21 in Reading and/or 18 in English required)

**Course Description:**

The objective of AP English Literature and Composition course is to allow students to identify, to understand, to interpret, to evaluate, and to appreciate complex texts. The overall goal is for students to be proficient in discussing British and American literature of different genres and from various historical time periods encompassing Anglo-Saxon through contemporary. Students will display analysis through writing (e.g. timed writings, revised essays, and research papers) and through in-depth class discussions. With extensive free response and multiple-choice practice, students will be ready for the AP Literature and Composition college English classes. The expectation is that students will take the AP Language and Composition exam test, as this class emphasizes preparation for the AP exam, which may earn them advanced placement and/or college credit, depending upon the level of satisfactory performance. Students are required to complete a portfolio of writings to fulfill graduation requirements. Note: students are required to complete assignments outside the designated class times.

# English Department Elective

<b>Course:</b>	<b>Yearbook</b>	<i><b>Technology Class</b></i>
<b>Diploma Level:</b>	<b>Academic or Scholastic</b>	
<b>Credit:</b>	<b>1.5</b>	
<b>Length:</b>	<b>All year</b>	
<b>Grade Level:</b>	<b>11-12</b>	
<b>Prerequisite:</b>	<b>Application, teacher recommendation, and interview See. Mrs. Minor for an application</b>	

## **Course Description:**

Students in this class plan, publish, market, and distribute the yearbook. Students are chosen through a written application process along with two teacher letters of recommendation, and an interview with the sponsor. Students must participate fully in all activities. Yearbook is not just a class but also a business. Activities include layout design for the book, photography, story and caption writing, proofing, and marketing. All students participate in marketing—selling advertisements in the community as well as the senior class. Advertising and selling the yearbook are a requirement of the class. Excellent attendance in school is necessary, as is the ability to dedicate extra hours each week to tasks necessary to complete assignments, such as covering school events including sporting events. In Yearbook, we use computers extensively for design, word processing, interviewing and research. Accessing the Internet outside of school is required. Individual grades are determined by each student's participation in all assigned activities, especially meeting established production deadlines. Students in this class need reliable transportation and a digital camera or access to one.

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<b>Course:</b>	<b>Theatre I</b>
<b>Diploma Level:</b>	<b>Academic or Scholastic</b>
<b>Credit:</b>	<b>1</b>
<b>Length:</b>	<b>Semester (performance based)</b>
<b>Grade Level:</b>	<b>9-12</b>

## **Course Description:**

This class provides opportunities for students to explore theatre skills and techniques. Students will learn the fundamentals of theatre through projects, including the creation and performance of short scenes and ensemble acting. It includes voice and diction, movement, improvisation, scene design, theatre history, introduction to technical theatre/theatre production, and play analysis. Major topics include Shakespearean sonnets and monologues and theatre of the 20<sup>th</sup> century. Students will collaborate on the creation of a one-act play that will be presented as part of an end-of-the-year final. Students will be involved in script analysis and selection, audition processes, set design and construction, and play production and performance.



# Foreign Language Department

**Course:** Spanish I  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12

**Course description:**

Students begin to build their interpretive skills in listening and reading, interpersonal skills in communication, and presentation skills in speaking and writing. Emphasis is on oral proficiency as it pertains to communication in the real world. Foundations are built in vocabulary, grammar, and culture. Students are required to complete assignments outside of designated class times.

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**Course:** Spanish II  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** Spanish I

**Course description:**

Students continue to build their interpretive skills in listening and reading, interpersonal skills in communication, and presentation skills in speaking and writing. Emphasis is on oral proficiency as it pertains to communication in the real world. A more in-depth study of grammar is completed in this course. Students are required to complete assignments outside of designated class times.

NOTE: It is strongly recommended that students have earned a grade of C or better in Spanish I before entering Spanish II.

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**Course:** Spanish III  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Spanish I

**Course description:**

This course is designed for students who have successfully completed Spanish I and Spanish II with an "A" average and /or teacher recommendation. It is a continuation of the study of the Spanish language and culture with emphasis on oral proficiency as it pertains to communication in the real world. This course is geared toward preparation for college readiness. Students will work on greater proficiency to master their interpretive skills in listening and reading, interpersonal skills in communication, and presentational skills in speaking and writing. Students will be required to complete assignments outside of designated class times.

**Course:** Spanish for Native Speakers I  
**Diploma Level:** Scholastic or Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Pass a diagnostic test with a native speaker with 80% accuracy

**Course description:**

The course develops Spanish literacy skills for native speakers. This course is designed specifically for native or heritage speakers of Spanish with proficient oral comprehension but a weak foundation of formal instruction in the Spanish language. The purpose of the course is to further develop oral and reading comprehension, grammar skills, vocabulary usage, and speaking and writing skills. The course allows students to reactivate the Spanish they have learned at home and develop it further. Students are required to complete assignments outside of designated class times. The students and the teacher will communicate in Spanish only and continue developing the language and fostering interest and understanding of other Spanish-speaking cultures and people. The course will take into account the experiences, and influences of a bilingual and bicultural upbringing. By the end of the course, the students will have more fully developed academic language skills in Spanish.

\*Students will be given a placement test to verify their level of proficiency. This class follows the National Standards of Foreign Language Learning referred to as the 5 C's: Communication, Culture, Comparison, and Community.

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**Course:** Spanish for Native Speakers II  
**Diploma Level:** Scholastic or Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Teacher recommendation

**Course description:**

The course continues to develop Spanish literacy skills for native speakers.

**Course:** French I  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12

**Course description:**

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of francophone and other cultures. In addition, students develop insight into their own language and culture.

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**Course:** French II  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** French I

**Course description:**

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of francophone and other cultures. In addition, students develop insight into their own language and culture.

# Math

## Course Information/Description

1. The sequence of three courses required for a high school diploma (Algebra I, Geometry, and Algebra II) must be completed by the end of the senior year.  
**Mathematics shall be taken each year of high school.**
2. Students seeking the scholastic diploma with an ACT math score of below 16 should enroll in Financial Literacy.
3. College Algebra (Dual Credit) is for Seniors Only.
4. Students in 8<sup>th</sup> or 9<sup>th</sup> grade Geometry will enroll in Pre-AP Algebra II with a teacher recommendation.

### Math Courses Required for Diploma

#### Academic

Algebra I

Geometry or Pre AP Geometry

Algebra II or Pre AP Algebra II

Pre-Calculus or Algebra III

AP Calculus, AP Statistics, College Algebra,  
CCR Math, or Probability & Stats

#### Scholastic

Algebra I

Geometry

Algebra II

Financial Literacy or CCR Math

# Math Department

**Course:** Algebra I  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9  
**Prerequisite:** none

**Course Description:**

Excellent study habits, maturity and motivation are necessary for success in this course. Topics covered are algebraic expressions, variables, rational numbers, equations, ratio, proportion, probability, percent, graphing and analyzing linear relations and functions, solving and graphing inequalities, solving systems of equations and inequalities, exponents, factoring radical expressions and polynomial operations.

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**Course:** Pre-AP Algebra I  
**Diploma Level:** Academic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9  
**Prerequisite:** none

**Placement Requirement:** A score of 80<sup>th</sup> percentile on STAR math test, 8<sup>th</sup> grade math grade of A or B and teacher recommendation.

**Course Description:**

Excellent study habits, maturity and motivation are necessary for success in this course. Topics covered are algebraic expressions, variables, rational numbers, equations, ratio, proportion, probability, percent, graphing and analyzing linear relations and functions, solving and graphing inequalities, solving systems of equations and inequalities, exponents, factoring radical expressions and polynomial operations.

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**Course:** Algebra II  
**Diploma Level:** Academic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 10-11  
**Prerequisite:** Algebra I and Geometry

**Course Description:**

This course is required for college-bound students and is recommended for students pursuing post secondary education. In addition to expanding the mathematical concepts of Algebra I, emphasis is placed on preparation for study of higher mathematics, abstract thinking skills, function concepts and algebraic problem solving in various content areas. QualityCore – Algebra II End-of-Course (EOC) exam upon completion of this course.

**Course:** Pre-A.P. Algebra II

**Diploma Level: Academic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 10-11**

**Prerequisite: Algebra I and Geometry**

**Placement Requirement:** A score of 80<sup>th</sup> placement test, grade of A or B in current math class and teacher recommendation

**Course Description:**

It is highly recommended that Geometry be taken prior to Algebra II. This course is designed for students who have demonstrated a high level of understanding and proficiency in concepts and skills of Algebra I. Students taking this course should also have excellent study habits, maturity and motivation. The topics, skills, and concepts of Algebra II are included in the course contents, with additional problem-solving activities and topics enriching the course as appropriate. This course is designed to prepare students for taking Advanced Placement Calculus. QualityCore – Algebra II End-of-Course (EOC) exam upon completion of this course.

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**Course: Geometry**

**Diploma Level: Academic or Scholastic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 10**

**Prerequisite: Algebra I**

**Course Description:**

This course is designed not only for the college-bound students, but also for any student who has demonstrated algebraic proficiency. Emphasis is placed on discovery, proof, and realistic applications of geometric relationships and principles.

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**Course: Pre-A.P. Geometry**

**Diploma Level: Academic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 9-10**

**Prerequisite: Algebra I**

**Placement Requirement:** Current eight graders enrolled in Algebra I will be placed in this course based on 8<sup>th</sup> grade teacher recommendation. Current 9<sup>th</sup> graders enrolled in Algebra I must receive 80% or higher on the placement test, have an A or B in current math class and have teacher recommendation.

**Course Description:**

This course is designed for students who have demonstrated a high level of understanding of and proficiency in concepts and skills in Algebra I. It is also imperative that students have the study habits, maturity, and motivation necessary to be successful in this course. This course includes the skills and concepts of Geometry and enrichment topics/activities as appropriate. Any freshman that successfully completed Algebra I in the eighth grade should register for Pre AP Geometry, not Geometry. This course is designed to prepare students for future Pre-A.P. and Advanced Placement mathematics courses.

**Course: College and Career Ready**

**Diploma Level: Academic or Scholastic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 11-12**

**Prerequisite: None**

**Course Description:**

This course is designed for those students whose math ATC score is 16, 17, or 18. This course is for students who may not have attained the benchmark ACT score in mathematics.

---

**Course: Pre-Calculus**

**Diploma Level: Academic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 11-12**

**Prerequisite: Algebra I, Geometry, and Algebra II**

**Placement Criteria:** Current 9<sup>th</sup> and 10<sup>th</sup> grade students enrolled in Pre-AP Algebra II will enroll in Pre-Calculus. Any junior with a math ACT score 22 or higher may enroll in Pre-Cal.

**Course Description:**

This course is strongly recommended for students pursuing a mathematical, scientific, or business course of study. It will include an in-depth review of algebraic skills. The course will include sequence and series, relations and functions, complex numbers, graphs, polynomial functions, exponential and logarithmic functions. The trigonometric functions and their applications will be studied as a major unit.

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**Course: AP Calculus AB**

**Diploma Level: Academic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 12**

**Prerequisite: Pre-Calculus**

**Placement Criteria:** Students that have completed Pre-Cal and have a math ACT score of 22 or higher may enroll in AP Calculus.

**Course Description:**

This course is designed for students pursuing a business, scientific, or mathematical course of study. It will include a rigorous, in-depth study of functions. Students should utilize graphing calculators and/or computers. Students should have taken Pre-Calculus and maintained a "B" average or better. Students are encouraged to take the AP Exam in May.

**Course: Algebra III/Preparation for College Algebra**

**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 12  
**Prerequisite:** Algebra II

**Placement Criteria:** Students with an ACT math scores of 19-21 will enroll in Algebra III.

**Course Description:**

This course is designed to provide the opportunity to further study mathematical concepts in preparation for entry to college. Topics covered include: ACT preparation, functions, and systems of equations, and inequalities, probability, statistics, and exponential and logarithmic equations. Students should have taken Algebra II and maintained a "C" average or better. An end of the course test will count as 10% of the final grade to demonstrate performance based learning.

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**Course:** AP Statistics

**Diploma Level:** Academic

**Credit:** 1.5

**Length:** All year

**Grade Level:** 11-12

**Pre-requisites:** Successful completion of PAP Algebra 2, or Algebra

**Placement Criteria:** Students must have an ACT score in math of 22 or higher and must meet ACT benchmark in Reading.

**Course Description:**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data.

Students will be exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
  2. Sampling and Experimentation: Planning and conducting a study
  3. Anticipating Patterns: Exploring random phenomena using probability and simulation
  4. Statistical Inference: Estimating population parameters and testing hypotheses
- Students are encouraged to take the AP Exam in May.

**Course:** College Algebra (Dual credit with WKU)



**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 12  
**Pre-requisites:** ACT math score of 22 or higher

**Course Description:**

This course is designed to be equivalent to a credit-bearing college Algebra course for students intending to enter post-secondary education. Student must have an ACT score of 22 or higher to enroll.

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**Course:** Probability and Statistics  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Grade Level:** 12  
**Length:** Semester  
**Prerequisite:** ACT score of 22 or higher

**Course Description:**

This course is designed to address such concepts as theoretical and experimental probability, binomial distributions, normal distributions, displaying and describing distributions of data, collecting data, measures of central tendency and dispersion, and methods of inferential statistics.

# Science Department

## Course Information/Description

Year	Scholastic Requirements	Academic Requirements	Electives
Freshmen	Integrated Science	Integrated Science or Pre-AP Biology or Pre-AP Chemistry if completed Biology during 8 <sup>th</sup> grade	
Sophomore	Biology I	Biology or Chemistry I or Pre-AP Chemistry	AP Biology and/or AP Chemistry (recommended year to take this class)
Junior	Introduction to Chemistry and Physics (ICP)	Chemistry I or Pre-AP Chemistry Physics I or Pre-AP Physics I	AP Biology, AP Chemistry, Anatomy and Physiology, Astronomy, Forensic Science, Intro. to Organic Chemistry
Senior	None required	Physics I or Pre-AP Physics I or science electives	AP Biology, AP Chemistry, AP Physics, Anatomy and Physiology, Astronomy, Forensic Science, Intro. to Organic Chemistry

Students wishing to enroll in Pre-AP or AP Science classes must have one of the following:  
 85% or better in completed science and math class  
 Teacher recommendation form filled out by current Science or Math Teacher

Teacher recommendation for students who do not have an 85% in their current science and math classes must include the following:

- Student work ethic and effort in class and attitude toward teacher/peers
- Student attendance, punctuality & discipline
- Student comprehension of high-level reading and student writing ability

# Science Department

**Course:** Integrated Science  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1  
**Length:** Semester (performance based)  
**Grade Level:** 9

**Course Description:**

This course covers such topics as energy, forces, environmental, earth and space issues. It strives to use scientific information to understand everyday occurrences. Including with each lesson are exercises designed for improvement of science measuring and science reasoning skills.

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**Course:** Biology I  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 10

**Course Description:**

Biology is the scientific study of living things. It begins with a discussion of the unique chemistry of living things and the properties that set them apart from non-living. Other topics studied include biochemistry, cytology (cell structures and functions), heredity, the five kingdoms of life (with particular emphasis on human anatomy and physiology), and ecology.

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**Course:** Pre-AP Biology I  
**Diploma Level:** Academic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 9 or 10  
**Prerequisite:** Placement will be determined by SRI, Math Explore, STAR Math, and Teacher Recommendation.

**Course Description:**

Pre-AP Biology I covers the same topics and content as Biology I but in greater depth of knowledge and content. Special topics may also be included and/or special projects may also be required. This course is designed to exceed the requirements for Biology I in order to greater prepare students to take AP Biology.

**Course:** AP Biology  
**Diploma Level:** Academic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 10-12  
**Prerequisite:** Previously or concurrently taking a Chemistry I course and have an 85% or better in their Biology I class.

**Course Description:**

AP Biology is designed for the students who wish to be challenged. It is an excellent preparation for those interested in medical or biologically related careers. Topics include those normally covered in a college biology course: Biochemistry and Cytology; Genetics and Embryology; Taxonomy, Botany, Human Anatomy and Physiology, Population Genetic and Ecology. Laboratories include activities not possible in Biology I. Students have the opportunity to take the AP General Biology exam for college credit.

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**Course:** Introduction to Chemistry and Physics (ICP)  
**Diploma Level:** Scholastic  
**Credit:** 1  
**Length:** Semester (performance based)  
**Grade Level:** 11-12  
**Prerequisite:** Completion of Integrated Science and Biology

**Course Description:**

This course introduces pupils to techniques and methods employed in both chemistry and physics with emphasis on laboratory work in solving problems of a scientific nature.

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**Course:** Chemistry I  
**Diploma Level:** Academic  
**Credit:** 1  
**Length:** Semester (performance based)  
**Grade Level:** 10-12  
**Prerequisite:** Biology. Must have completed Algebra I and be enrolled in Geometry or higher.

**Course Description:**

Chemistry is the study of the investigation of the property changes in materials from the smallest part of the atom to the most complex molecules. Equations and reactions will be studied as a preparation for laboratory work. Earth Applications in Chemistry will be concentrated on the Earth's sources of energy, and the physical and chemical changes of matter that result from these sources of energy.

**Course:** Pre-AP Chemistry I (Dual credit possible from WKU)  
**Diploma Level:** Academic  
**Credit:** 1  
**Length:** Semester (performance based)  
**Grade Level:** 9-11  
**Prerequisite:** Must meet all Chemistry I requirements plus have an 85% or above in previous years math and science classes or a teacher recommendation from your math or science instructor

**Course Description:**

Pre-AP Chemistry I covers the same topics and content as Chemistry I but in greater depth of knowledge and content. Special topics may also be included and/or special projects may also be required. This course is designed to exceed the requirements for Chemistry I in order to greater prepare students to take AP Chemistry. Pre-AP Chemistry is also a SPAN class in association with the WKU chemistry department. Students have an opportunity to receive dual credit from both Warren Central and WKU receiving a grade and credit for Chem 105/106. These four hours of college credit are transferable to most universities. Students wishing to receive SPAN credit at WKU must also apply and be accepted to WKU through the dual credit application and pay WKU's tuition for the SPAN credit hours. Students should consider their goals and possible major for the type of college credit they wish to earn. Taking the class for credit at WKU is completely optional and does not have an effect on the work load for the class.

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**Course:** AP Chemistry  
**Diploma Level:** Academic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 11-12  
**Prerequisite:** Completion of Chemistry I with an 85% or better.

**Course Description:**

AP/SPAN chemistry is a continuation of the first course in chemistry, with the first part being a fast-paced review of the material covered in Chemistry I. The new areas of concentration will include acids, bases, kinetics, thermodynamics, electrochemistry, solution chemistry, gas laws, organic chemistry and biochemistry, with lab being an integral part of the class and requiring some after school hours to complete labs. AP Chemistry is designed for students to be able to take the AP Chemistry exam for college credit.

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**Course:** Physics I  
**Diploma Level:** Academic  
**Credit:** 1  
**Length:** Semester (performance based)  
**Grade Level:** 11-12  
**Prerequisite:** Must have completed Biology, Chemistry, Algebra I, Geometry and enrolled in Algebra II or higher

**Course Description:**

Physics is the study of matter, motion, and energy. Physics tries to answer the question of why the universe behaves the way it does. Concepts ranging from falling elevators to lasers are explored. Demonstrations and laboratory exercise are an integral part of the course. The main topics covered are motion, force, energy, electricity, wave motion, light, and the formation of the universe and our solar system.

**Course:** Pre-AP Physics I  
**Diploma Level:** Academic  
**Credit:** 1  
**Length:** Semester (performance based)  
**Grade Level:** 11-12  
**Prerequisite:** Must meet all Physics I requirements plus have an 85% or above in previous years math and science classes or a teacher recommendation from your math or science instructor

**Course Description:**

Pre-AP Physics I covers the same topics and content as Physics I but in greater depth of knowledge and content. Special topics may also be included and/or special projects may also be required. This course is designed to exceed the requirements for Physics I in order to greater prepare students to take AP Physics.

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**Course:** AP Physics  
**Diploma Level:** Academic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 12  
**Prerequisite:** Seniors who have completed Physics I with an 85% or better and are enrolled in Pre-Cal or AP Calculus

**Course Description:**

AP Physics is a challenging course. The concepts studied in a Physics I class are expanded and covered in greater detail. These include motion, force, wave motion, and light. In addition, the areas of thermodynamics, advanced electricity and magnetism, circuits are introduced. As in Physics I, demonstrations and laboratory exercises are an integral part of the class. Students have the opportunity to take both AP Physics C exams for college credit. The AP Physics C curriculum corresponds to the first two semesters of University Physics, which are the physics courses for students majoring in a science or engineering field. To be successful first year students must be willing to work to keep up with the pace and rigor of the course.

# Science Department Electives

**Course:** Anatomy and Physiology (Duel credit available from SKYCTC)  
**Diploma Level:** Academic  
**Credit:** 1  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Students must have completed Biology and either Chemistry I or Physics I

## **Course Description:**

This course is for students who wish a more detailed explanation of the major systems of the human body. The course includes the Anatomy (structures) and Physiology (functions) of these systems. The class includes lecture, independent study, and hands-on activities, including dissection of specimens. This is a course for upper level students who are interested in Pre-Med, Nursing, Pre-Vet, or other related fields. This course counts as an advanced science class on the Academic Diploma.

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**Course:** Astronomy  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 Duel credit class with WKU  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Physics I

## **Course Description:**

Astronomy is the study of space and extra-terrestrial systems. The study will include a history of astronomy from the ancients to modern time, astronomical instruments, the solar system, stars, and stellar change over time. Students will learn modern astronomical image processing and spectra analysis as preparation to lab observation. Astronomy is also a duel credit class in association with the WKU Physics department. Students have an opportunity to receive dual credit from both Warren Central and WKU receiving a grade and credit for Astr 104. These three hours of college credit are transferable to most universities. Students wishing to receive dual credit at WKU must also apply and be accepted to WKU through the dual credit application and pay WKU's tuition for the credit hours. Students should consider their goals and possible major for the type of college credit they wish to earn.

**Course:** Forensic Science  
**Diploma Level:** Academic or Scholastic  
**Credit:** 0.75  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Students must have completed at least one year of high school science

**Course Description:**

The focus of this course would be learning about the techniques that scientists use in the investigation of crime scenes. Topics to be explored: evidence collection techniques, analysis of blood spatter, analysis of fluids, tool mark analysis and analysis of projectiles.

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**Course:** Advanced Physics Lab  
**Diploma Level:** Academic  
**Credit:** 0.75  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Students must have completed Physics I and be enrolled in AP Physics or have completed AP Physics

**Course Description:**

Students will complete a set of experiments on concepts that are referenced or may not be presented in a normal physics class. Students will research the concept to be experimented, complete a lab on the concept, and write a formal lab report. The labs in this course are ones where there are limited lab materials. So, different lab groups could be working on different labs at the same time. Students will also be required to assist in the preparation of materials for various physics or engineering contests. Concepts such as uncertainty, measurement, and experimental design are introduced. This course is a self-directed experimental lab.

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**Course:** Introduction to Organic Chemistry (Dual credit possible with WKU)  
**Diploma Level:** Academic  
**Credit:** 1  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Completion of at least 1 year of chemistry with an A or B average (completion of AP chemistry is preferred)  
In order for this to count as WKU Chem 107 and 108, student must have taken Chem 105 and 106 through Pre-AP Chemistry

**Course Description:**

The focus of this course is a basic introduction to concepts learned in college level organic chemistry. We will focus on organic nomenclature, functional groups, basic substitution reactions and mechanistic organic chemistry. Labs will be a major focus as well. We will investigate the properties of each functional group in a lab setting and synthesize aspirin as well. This class could complete the second semester of SPAN Chemistry at Western and earn the student's college credit for Chem 107/108 if the student elects to pay for the dual credit course.



# Social Studies Department

## Course Information

<b>Course Titles</b>	<b>Grade</b>	<b>Prerequisites/Recommendations</b>
World History	9	Required for all freshmen
Honors World History and	9	Teacher Recommendation & 85% in S.S. class top 20% Lexile Reading score
American Government	10	Required for all sophomores
Honors American Gov't	10	Teacher Recommendation & 85% in S.S. and top 20% Lexile Reading score
U.S. History	11	Required for all juniors
AP U.S. History	11	85% in Sophomore Honors Social Studies Class Students must have a top 20% Lexile Reading score Students must complete summer homework Must be on Academic Diploma

# Social Studies Department

**Course:** World History  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Prerequisite:** Required for all freshmen

**Course Description:**

This course is required for all 9<sup>th</sup> grade students. World History is a survey of the history of the world focusing on cultural & political aspects; ancient & modern history; the study of western & non-western civilizations; & current events. The course will center upon the period from 1500 to the present. Of major importance will be the relation of these events to the shaping of our present lives as students will also study how World Geography & Cultures / Societies have impacted World Civilization. This is an 18-week semester course that is a performance based-credit. Students will receive 1 credit for successfully passing the course.

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**Course:** Honors World History  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9  
**Prerequisite:** Freshmen: Teacher Recommendation & 85% in 8<sup>th</sup> grade S.S. class  
Must have top 20% Lexile Reading score

**Course Description:**

This course is required for 9<sup>th</sup> grade students that plan on continuing in the Honors / AP Program of Studies in Social Studies. This class is designed to prepare students for future AP Social classes their junior & senior years. Honors World History is a survey of the history of the world focusing on cultural & political aspects; ancient & modern history; the study of western & non-western civilizations; & current events. The course will center upon the period from 1500 to the present. Of major importance will be the relation of these events to the shaping of our present lives as students will also study how World Geography & Cultures & Societies have impacted World Civilization. This is an 18-week semester course that is a performance based-credit. Students will receive 1 credit for successfully passing the course.

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**Course:** American Government  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10  
**Prerequisite:** Required for all sophomores

**Course Description:**

This course is required for 10<sup>th</sup> graders. American Government is the study of the United States, local, & other political systems; recruitment; roles & decision making; official duties; executive, legislative, & judicial government branches. Students will also study how Economics has impacted American Government. This will be an 18-week semester course that is a performance based-credit. Students will receive 1 credit for successfully passing the course.

**Course:** Honors American Government  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10  
**Prerequisite:** Teacher Recommendation & 85% in their Freshmen Social Studies class  
Must have top 20% Lexile Reading score

**Course Description:**

This course will be required for 10<sup>th</sup> graders on an Academic diploma who plan on taking AP U.S. History their junior year. American Government is the study of the United States, local, & other political systems; recruitment; roles & decision making; official duties; executive, legislative, & judicial government branches. Students will also study how Economics has impacted American Government. This will be an 18-week semester course that is a performance based-credit. Students will receive 1 credit for successfully passing the course.

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**Course:** United States History  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 11  
**Prerequisite:** Required for all juniors

**Course Description:**

This course will be required for all 11<sup>th</sup> graders. U.S. History survey is a basic overview of the history from colonial times to present; government institutions; applications to daily living. This a yearlong course that students will earn 1.5 credits for successfully passing the course. Students are required to complete the Quality Core U.S. History End-of-Course (EOC) exam upon completion of this course.

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**Course:** AP United States History  
**Diploma Level:** Academic  
**Credit:** 1.5  
**Length:** All year  
**Grade Level:** 11  
**Prerequisite:** Students must have an 85% in their Honors Sophomore Social Studies Class  
Students must have top 20% Lexile Reading score  
Teacher recommendation required  
Students must complete a Summer Homework Assignment

**Course Description:**

Advanced Placement covers U.S. History from colonization to present day; prominent historians, organizations; major policies; & theoretical foundations. This course is for students who have a passion for American History. Students will be exposed to high-level reading & analytical critical thinking skills in this class. It is designed to provide students with the skills & knowledge necessary to deal critically with the problems & materials in American History. This course follows the curriculum established by the College Board & prepares students to take the Advanced Placement Exam in American History. College credit is earned with successful completion of the AP Exam (a score of 3 or higher). Students taking this course are also required to take the Quality Core End of Course (EOC) exam for U.S. History. This is an all-year class & students will earn 1.5 credits for successfully passing the course.

# Special Education Department

**Course:** Consumer Math  
**Diploma Level:** Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 12

**Course Description:**

This course is to be used for resource special education and alternative setting classrooms where students are receiving instruction in multiple content areas within the Math core. The individualized content for each specific course taught under this umbrella course must meet the standards listed in this document. A highly qualified teacher is required. This course number should not be utilized when instruction is being provided related to one specific course.

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**Course:** Read 180  
**Diploma Level:** Scholastic or Academic  
**Credit:** 0.75 (semester)  
**Grade Level:** 9-12  
**Prerequisite:** Teacher placement

**Course Description:**

This course assists students who are significantly behind grade level in reading and give them a sufficient understanding to be successful in high school courses. This course can serve as a high school elective.

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**Course:** Special Education Life Skills  
**Diploma Level:** Scholastic  
**Credit:** 0.75 (semester)  
**Grade Level:** 12  
**Prerequisite:** Teacher placement

**Course Description:**

This course is designed to assist special education students with the necessary FACS Essentials to be successful after high school. This course is taken during a student's senior year and can serve as a high school elective.

# Warren Central High School

## Career Pathways 2015-2016

To complete a career pathway a student must take the courses in bold. The other courses listed are electives within the major.

To finish the pathway a student must complete at least 4 credits in the pathway.

To sit for a career ready assessment a student must be enrolled in their 3rd credit in a pathway.

### Offered at WCHS:

- Accounting
- Agricultural Power, Structural, Technical Systems
- Animal Science Systems
- Business Management
- Business Technology
- Consumer & Family Management
- Culinary Arts
- Early Childhood Education
- Fundamentals of Teaching
- Horticulture and Plant Science Systems
- Information Processing
- Instrumental Ensemble: Band
- JROTC
- Visual Art
- Vocal Ensemble

### Offered at the ATC:

#### Area Technology Career Pathways

- Automotive Technology
- Construction Technology
- Computer Programming (Offered Through Skype)
- Health Sciences: Pre-Nursing
- Information Technology
- Welding

# Warren Central Career Pathways 2015-2016

## Agriculture Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Agricultural Power, Structural, Technical Systems</b>	Students design agricultural structures as well as machinery and equipment using the concepts of engineering, hydraulics, in the field of agriculture.	<ul style="list-style-type: none"> <li>• <b>Principles of Ag Science &amp; Tech</b></li> <li>• <b>Ag Construction Skills</b></li> <li>• <b>Small Power Equipment</b></li> <li>• <b>Ag Structures and Design</b></li> </ul>	Agricultural Power, Structural, Technical Systems KOSSA	<ul style="list-style-type: none"> <li>• Agricultural Engineer</li> <li>• Welder</li> <li>• Mechanical Engineer</li> <li>• Diesel Technician</li> <li>• Small Engine Mechanic</li> </ul>
<b>Animal Science Systems</b>	Study will focus on the scientific principles that underline the breeding, care ,and management of agricultural animals.	<ul style="list-style-type: none"> <li>• <b>Principles of Ag Science &amp; Tech</b></li> <li>• <b>Animal Science</b></li> <li>• <b>Small Animal Technology</b></li> <li>• <b>Equine Science</b></li> <li>• Food Science &amp; Technology</li> </ul>	Animal Science Systems KOSSA	<ul style="list-style-type: none"> <li>• Veterinarian</li> <li>• Animal Scientist</li> <li>• Marine Biologist</li> <li>• Horse Trainer</li> <li>• Animal Breeder</li> <li>• Farmer</li> </ul>
<b>Horticulture and Plant Science Systems</b>	Study will focus on the scientific principles of breeding, cultivation, and production of agricultural plants.	<ul style="list-style-type: none"> <li>• <b>Principles of Ag Science &amp; Tech</b></li> <li>• <b>Floriculture/Floral Design</b></li> <li>• <b>Greenhouse Technology</b></li> <li>• <b>Landscaping/Turf Management</b></li> </ul>	Horticulture KOSSA	<ul style="list-style-type: none"> <li>• Horticulturist</li> <li>• Agronomist</li> <li>• Landscaper</li> <li>• Scientist</li> <li>• Botanist</li> </ul>

## JROTC Pathway

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>JROTC</b>	Prepares students for responsible leadership, while instilling self-esteem, teamwork and self-discipline. Additionally, student can earn up to 32 college credit hours in areas including financial literacy, health & wellness, history, government, community service and leadership.	<ul style="list-style-type: none"> <li>• <b>Leadership/Military Science Level I</b></li> <li>• <b>Leadership/Military Science Level II</b></li> <li>• <b>Leadership/Military Science Level III</b></li> <li>• Leadership/Military Science Level IV</li> </ul>	JROTC Certificate of Training	<ul style="list-style-type: none"> <li>• Military organizations</li> <li>• Para military organizations (police, law enforcement, security)</li> <li>• Hard &amp; Soft Leadership &amp; Organizational Skills required for industry &amp; business managerial &amp; section leadership positions</li> </ul>

# Business Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Accounting</b>	Prepares individuals to practice the profession of accounting and to perform related business functions	<ul style="list-style-type: none"> <li>• <b>Digital Literacy</b></li> <li>• <b>Intro to Money Management</b></li> <li>• <b>Advanced Accounting</b></li> <li>• Financial Literacy or Personal Finance (Dual Credit)</li> <li>• Business Management</li> <li>• Advanced Computer App.</li> </ul>	Accounting KOSSA  ASK Concepts of Finance	<ul style="list-style-type: none"> <li>• Certified Public Accountant</li> <li>• Forensic Accountant</li> <li>• Personal Financial Planner</li> <li>• Sports Agent</li> <li>• NASA, FBI or IRS</li> <li>• Entrepreneur</li> </ul>
<b>Business Management</b>	Prepares individuals to plan, organize, direct, and control the functions and processes of a firm or organization	<ul style="list-style-type: none"> <li>• <b>Business Principles and App</b></li> <li>• <b>Business Management</b></li> <li>• Digital Literacy</li> <li>• Introduction to Money Mgt</li> <li>• Financial Literacy or Personal Finance (Dual Credit)</li> <li>• Business Law</li> </ul>	Business Management KOSSA  ASK Business Fundamentals  ASK Entre/Mgt	<ul style="list-style-type: none"> <li>• Entry Level Manager</li> <li>• Account Manager</li> <li>• Real Estate Agent</li> <li>• Insurance Agent</li> <li>• Quality Controller</li> </ul>
<b>Business Technology</b>	Prepares individuals to provide basic administrative support under the supervision of office	<ul style="list-style-type: none"> <li>• <b>Digital Literacy</b></li> <li>• <b>Business Principles and App</b></li> <li>• <b>Multimedia Publishing</b></li> <li>• <b>Business Management</b></li> <li>• Financial Literacy</li> <li>• Advanced Computer App</li> <li>• Introduction to Money Mgt</li> </ul>	ASK Fundamental Business Concepts	<ul style="list-style-type: none"> <li>• Software developer</li> <li>• Web developer</li> <li>• IT Manager</li> <li>• Computer programmer</li> <li>• Computer Systems Admin</li> <li>• Social Media Architect</li> <li>• Mobile Developer</li> <li>• Cloud Architect</li> </ul>
<b>Information Processing</b>	Prepares individuals to support business information operations by using computer equipment to enter, process, and retrieve data for a wide variety of administrative purposes.	<ul style="list-style-type: none"> <li>• <b>Digital Literacy or Business Principles and App</b></li> <li>• <b>Advanced Computer App</b></li> <li>• <b>Multimedia Publishing</b></li> <li>• <b>Introduction to Money Mgt or Financial Literacy</b></li> </ul>	Administrative Support Services KOSSA  IC3 Certification	<ul style="list-style-type: none"> <li>• Receptionist/Information Clerk</li> <li>• Data Entry Clerk</li> <li>• Bill and Account Collector</li> <li>• Insurance Claims Adjuster</li> </ul>

## Family & Consumer Science Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Consumer &amp; Family Management</b>	Prepares students to develop skills associated with early career employment opportunities & rigorous education programs	<ul style="list-style-type: none"> <li>• <b>FACS Essentials</b></li> <li>• <b>Foods &amp; Nutrition</b></li> <li>• <b>Relationships</b></li> <li>• <b>Parenting</b></li> <li>• <b>Middle to Late Lifespan Dev</b></li> </ul>	AAFCS Pre-PAC Family & Community  Consumer & Family Mgmt. KOSSA	<ul style="list-style-type: none"> <li>• Marriage &amp; Family Therapist</li> <li>• Family &amp; Cons. Scientist</li> <li>• Abuse/Crisis Counselor</li> </ul>
<b>Culinary Arts</b>	Prepares students for success in the culinary industry and promotes continuing education at the post-secondary level	<ul style="list-style-type: none"> <li>• <b>FACS Essentials</b></li> <li>• <b>Foods &amp; Nutrition</b></li> <li>• <b>Culinary I</b></li> <li>• <b>Culinary II</b></li> </ul>	ServSafe Food Managers Certification  Culinary Arts KOSSA	<ul style="list-style-type: none"> <li>• Chef/Cook</li> <li>• Baker</li> <li>• Entrepreneur</li> <li>• Food Inspector</li> <li>• Butcher</li> </ul>
<b>Early Childhood Education</b>	Prepares students for success in early childhood education so that individuals can teach students ranging in age from infancy through grade 3	<ul style="list-style-type: none"> <li>• <b>FACS Essentials</b></li> <li>• <b>Early Lifespan Dev</b></li> <li>• <b>Child Dev Services I</b></li> <li>• <b>Child Dev Services II</b></li> <li>• Relationships</li> <li>• Parenting</li> <li>• Principles of Teaching</li> </ul>	Commonwealth Childcare Credential (CCCC) or CDA  Early Childhood Education KOSSA  KY Early Care & Education Orientation Certificate	<ul style="list-style-type: none"> <li>• Early Childhood Educator</li> <li>• Psychologist</li> <li>• Nanny</li> <li>• Pediatrician</li> <li>• Midwife</li> </ul>
<b>Fundamentals of Teaching</b>	Prepares students for success in the fashion industry as well as careers in the residential housing and furnishing industry	<ul style="list-style-type: none"> <li>• <b>FACS Essentials</b></li> <li>• <b>Early Lifespan Dev</b></li> <li>• <b>Middle to Late Lifespan Dev</b></li> <li>• <b>Principles of Teaching</b></li> <li>• Relationships</li> </ul>	AAFCS Pre-PAC Educational Fundamentals	<ul style="list-style-type: none"> <li>• Teacher</li> <li>• Teacher Assistant</li> <li>• Principal</li> <li>• Superintendent</li> <li>• School Counselor</li> </ul>



## Visual and Performing Arts Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Visual Art</b>	Prepares students to create original works as a visual art	<ul style="list-style-type: none"> <li>• <b>Visual Art I</b></li> <li>• <b>Visual Art II</b></li> <li>• <b>Visual Art III</b></li> <li>• AP Studio Art-Drawing</li> <li>• Art- Independent Study</li> <li>• AP Studio Art 2-D</li> <li>• AP Studio Art 3-D</li> </ul>	Visual Arts Capstone Portfolio	<ul style="list-style-type: none"> <li>• Art Therapist</li> <li>• Artist/Painter</li> <li>• Cartoonist</li> <li>• Computer Animator</li> <li>• Graphic Designer</li> <li>• Photographer</li> </ul>

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Instrumental Ensemble: Band</b>	Prepares students to master musical instruments (including strings) & performing art as solo and/or ensemble performers	<ul style="list-style-type: none"> <li>• <b>Music Instrumental I</b></li> <li>• <b>Music Instrumental II</b></li> <li>• <b>Music Instrumental III</b></li> <li>• Music Instrumental IV</li> <li>• Music Jazz</li> <li>• Music Independent Study</li> </ul>	Instrumental Ensemble Capstone Portfolio	<ul style="list-style-type: none"> <li>• Composer</li> <li>• Instrument Builder/Repair</li> <li>• Music Teacher</li> <li>• Music Therapist</li> <li>• Musician</li> <li>• Singer</li> </ul>

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Vocal Ensemble</b>	Prepares students to perform as a solo and/or ensemble singer	<b>Vocal Ensemble I (Beg)</b> <b>Vocal Ensemble II (Adv)</b> <b>Vocal Ensemble III (Adv)</b> Vocal Ensemble IV (Adv) Vocal Technique Music Theory	Vocal Ensemble Capstone Portfolio	<ul style="list-style-type: none"> <li>• Composer</li> <li>• Instrument Builder/Repair</li> <li>• Musician</li> <li>• Music Teacher</li> <li>• Singer</li> </ul>

## Area Technology Center Pathways

Career Pathway	Description	Courses	Career Ready Measure	Career Examples
<b>Automotive Technology</b>	Prepares students to apply technical knowledge & skills to repair, service, & maintain all types of automobiles	<ul style="list-style-type: none"> <li>• <b>Auto Maint. &amp; Light Repair A &amp; Lab</b></li> <li>• <b>Auto Maint. &amp; Light Repair B &amp; Lab</b></li> <li>• <b>Auto Maint. &amp; Light Repair C &amp; Lab</b></li> <li>• <b>Auto Maint. &amp; Light Repair D &amp; Lab</b></li> </ul>	Transportation KOSSA  ASE Student Certification: Maintenance and Light Repair	<ul style="list-style-type: none"> <li>• Auto Technician</li> <li>• Service Advisor</li> <li>• Dispatcher</li> <li>• Auto Sales Rep</li> </ul>
<b>Construction Technology</b>	Prepares students to apply technical knowledge & skills to lay out, cut, fabricate, erect, install, & repair wooden structures & fixtures, using hand & power tools	<ul style="list-style-type: none"> <li>• <b>Introduction to Const. Carpentry &amp; Industrial Safety**</b></li> <li>• <b>Floor &amp; Wall Framing**</b></li> <li>• <b>Ceiling &amp; Roof Framing**</b></li> <li>• <b>Exterior &amp; Interior Finish**</b></li> <li>• Site Layout &amp; Foundations**</li> </ul>	Construction KOSSA  NCCER: Carpentry	<ul style="list-style-type: none"> <li>• Carpenter</li> <li>• Construction Laborer</li> <li>• Construction Manager</li> <li>• Drywall Installer</li> <li>• Flooring Installer</li> </ul>
<b>Computer Programming (Offered Through Skype)</b>	Prepares students to design, create, & troubleshoot the latest programming languages used in industry	<ul style="list-style-type: none"> <li>• <b>Digital Literacy</b></li> <li>• <b>Computational Thinking**</b></li> <li>• <b>C++1**</b></li> <li>• <b>JavaScript**</b></li> </ul>	Programming KOSSA  CompTIA	<ul style="list-style-type: none"> <li>• Computer Programmer</li> <li>• Software Developer</li> <li>• Computer Engineer</li> </ul>
<b>Health Sciences: Pre-Nursing</b>	Prepares students for admission to a professional program in Nursing	<ul style="list-style-type: none"> <li>• <b>Intro to Nursing and Health Care**</b></li> <li>• <b>Medical Term/ Emergency Procedures**</b></li> <li>• <b>Medicaid Nurse Aid</b></li> <li>• <b>Health Sciences Anatomy &amp; Phys.</b></li> </ul>	Allied Health KOSSA  State Registered Nurse Aide (SRNA)	<ul style="list-style-type: none"> <li>• Nurse</li> <li>• Nurse Practitioner</li> <li>• Nursing Asst.</li> <li>• Physician's Assistant</li> <li>• Doctor</li> </ul>
<b>Information Technology</b>	Prepares students to learn administration support skills or upgrade existing computer information systems skills	<ul style="list-style-type: none"> <li>• <b>Computer Literacy**</b></li> <li>• <b>Computer Hardware &amp; Software**</b></li> <li>• <b>Cisco Net. I**</b></li> <li>• <b>Cisco Net. II**</b></li> </ul>	Networking KOSSA  CompTIA	<ul style="list-style-type: none"> <li>• Cisco Network Administrator</li> <li>• Cisco Engineer</li> <li>• Cisco System Administrator</li> <li>• Assur. Analyst</li> </ul>
<b>Welding</b>	Prepares students to assist lead welders in the fabrication of steel and metal structures	<ul style="list-style-type: none"> <li>• <b>Oxy-Fuel Systems**</b></li> <li>• <b>Shielded Metal Arc Weld**</b></li> <li>• <b>Blueprint Reading for Welding**</b></li> <li>• <b>Gas Metal Arc Welding**</b></li> </ul>	Manufacturing KOSSA  American Welding Society SENSE (AWS)	<ul style="list-style-type: none"> <li>• Welder</li> <li>• Ironworker</li> <li>• Inspector</li> <li>• Welding Engineer</li> </ul>

# Agriculture Education Department

**Course:** Principles of Agriculture Science and Technology-Plant & Animal  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9  
**Prerequisite:** None

**Course Description:**

This course introduces students to the various segments of the agriculture industry and related careers. Areas covered with animal science, plant science, and agricultural mechanics such as welding and carpentry. Students will have the opportunity to cover both sections. Leadership development will be provided through FFA.

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**Course:** Principles of Agriculture Science and Technology-Mechanics  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9  
**Prerequisite:** None

**Course Description:**

This course introduces students to the various segments of the agriculture industry and related careers. Areas covered with animal science, plant science, and agricultural mechanics such as welding and carpentry. Students will have the opportunity to cover both sections. Leadership development will be provided through FFA.

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**Course:** Greenhouse Technology  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** None

**Course Description:**

This course provides hands-on experience in raising and selling bedding plants to be sold to the public. Content includes: Plant Science, Soils, Plant Pest Identification, Plant Propagation, Greenhouse Structures and Marketing of Horticultural Products. Students will spend part of their time in the school greenhouse growing bedding plants for sale in the spring. Leadership development will be provided through FFA and each student will be required to have a supervised agricultural experience program.

**Course:** Food Science Technology

**Technology Class**

**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** One completed Agriculture class

**Course Description:**

This course is designed to focus on tracing food from the farm to the consumer. Attention will be focused on understanding human dependence on food and nutrition, the marketing decision made with processed foods, and consumer decisions for buying food. Food labeling, chemistry, and safety will be included as it relates to various food industries such as meats, poultry, dairy, and others. Leadership development will be provided through FFA and each student will be required to have a supervised agriculture experience program.

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**Course:** Landscaping/Turf/Floral Design  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** None

**Course Description:**

This course introduces students to the field principles of design used with plants in the area of landscaping and floral design. Plant identification will be emphasized in each of the related areas. Leadership development will be provided through FFA and students will be required to have an agriculture experience program.

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**Course:** Small Animal Technology/Equine  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** None

**Course Description:**

This course develops scientific knowledge, management practices, and marketing strategies in small and specialty animal technology. The curriculum includes identification, anatomy, physiology, nutrition, health, selection and care of small animals such as dogs, cats, and rabbits. Equine science develops knowledge pertaining to breed identification and selection, anatomy, physiology, nutrition, genetics, and reproductive management, training principles, grooming, health disease, parasite control and sanitation practices. Content enhance appropriate applied scientific laboratory activities and computer applications. Leadership development will be provided through FFA.

**Course:** Small Power & Equipment

**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** Principles of Agriculture Science and Technology

**Course Description:**

This course is designed to develop skills in maintenance, repair, and operation of equipment, small combustion type engines and electric motors. Leadership development will be provided through FFA and each student will be required to have a supervised agricultural experience program. Occupations related to class: Engineer, Engine Repair, and Mechanical Fabrication.

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**Course:** Agricultural Construction Skills  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Grade Level:** 11-12

**Course Description:**

This course provides hands-on experience in wood and metal projects, equipment and machinery assembly, operation and maintenance through welding and metal working skills and painting. Electrical concepts are also introduced with hands on activities using schematics. Leadership development will be provided through FFA and students will be required to have an agriculture experience program. Occupations related to class: Engineer, Welder, Mechanical Fabrication.

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**Course:** Agricultural Structures and Design  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Small Power Equipment and Ag. Construction Skills successfully completed

**Course Description:**

This course prepares students to evaluate, design and construct agricultural structures. Students learn to design, evaluate and interpret construction plans and calculate a bill of materials. The skills learned in the Agricultural Construction Skills course may be incorporated to construct an agricultural structure. Content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have an agricultural experience program.

**Course:** Animal Science Dual Credit with MSU

**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** none

**Course Description:**

This course introduces students to the field of animal science through dual credit opportunity through Murray State University. Major topics will include nutrition, identification, selection, reproduction, animal health and housing. Animal science careers will be explored. Leadership development will be provided through FFA and students will be required to have an agriculture experience program. MSU Dual Credit class AG 100-Cost \$130.00.

## **Business Education Department**

**Course:** Digital Literacy  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9-12  
**Prerequisite:** None

***Technology Class***

**Course Description:**

In this course students will learn the basic applications of Microsoft Office 7.0 programs: Word, PowerPoint, Excel, Publisher, and Access. This course is designed to be a hands-on exploration of business technologies in the following areas: Introduction to Money Management/AFF, finance and credit, business management, marketing, economics, and computer applications. Leadership development will be provided through FBLA.

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**Course:** Advanced Computer & Technology Applications  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** Digital Literacy

***Technology Class***

**Course Description:**

This course is designed to provide students an advanced-level experience with practical applications through hands-on instruction. IF YOU HAVE NOT RECEIVED ANY INSTRUCTION ON OFFICE SOFTWARE, CONSIDER DIGITAL LITERACY INSTEAD. Course content will include understanding of various hardware, software, operating systems, care/operations, administrative applications, and employability skills. The software includes advanced applications in Microsoft Office 7.0 programs: Word, PowerPoint, Excel, Publisher, and Access. Leadership development will be provided through FBLA. Upon completion of this course, a student will be ready to take the core level tests for MOS Certification and/or the Administrative Support Skill Standard Assessment.

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**Course:** Multimedia and Graphic Design  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** Digital Literacy and Advanced Computer Applications

***Technology Class***

**Course Description:**

This hands-on course applies publishing and presentation concepts through the development of sophisticated business documents and projects using Adobe and Macromedia software. These documents include, but are not limited to, tri-fold brochures, manuscripts, reports, bi-fold programs, catalogs, newsletters, flyers, business forms, graphs, web pages, on-screen presentations, and video productions. Equipment such as scanners, digital cameras, video cameras, and color laser printers, may be utilized in creating the documents. Formatting, editing, page layout, and design concepts are taught. Leadership development will be provided through FBLA.

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**Course:** Web Page Design  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)

***Technology Class***

**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** Digital Literacy, Advanced Computer Applications and Multimedia

**Course Description:**

Students analyze the structure of the worldwide web, apply basic principles of web documents and HTML, and develop multi-media web pages. Course content will include the understanding of hypertext and web structures. Equipment such as scanners, digital and video cameras, and sound recording devices will be utilized through hands-on instruction. Leadership development will be provided through FBLA.

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**Course:** Business Principles  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9-10  
**Prerequisite:** None

*Technology Class*

**Course Description:**

This course establishes basic foundations for further study in business and marketing courses and provides essential information for making financial and economic decisions. Students learn about the fundamentals of the American free enterprise system and world economies; application of sound money management for personal and family finances; credit management; consumer rights and responsibilities; forms of business ownership; risk and insurance; and the importance of international trade

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**Course:** Introduction to Money Management/AFF  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9-10  
**Prerequisite:** None

*Technology Class*

**Course Description:**

This course will provide an introduction to both areas of accounting and finance. Topics will include banking, credit, financial literacy, career exploration, spreadsheet usage, and technical writing. The accounting principles taught in this course are based on a double-entry system and include preparing bank reconciliations, payroll taxes, and financial statements. Detailed career exploration in the various fields of accounting will be available. Technical writing will be provided through IPAC business plan curriculum and exploration of case studies. Leadership development will be provided through FBLA.

**Course:** Advanced Accounting  
**Diploma Level:** Academic  
**Credit:** 1 (performance based)

*Technology Class*



**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Introduction to Money Management/AFF

**Course Description:**

This course includes financial accounting, managerial accounting and financial statement analysis topics. This pilot course encompasses more topics and learning outcomes than the traditional financial accounting course. Students will receive dual credit-college credit for the course with a grade of 80% or higher.

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**Course:** Personal Finance (Dual Credit WKU)

**Diploma Level:** Academic

**Credit:** 1 (performance based)

**Length:** Semester

**Grade Level:** 12

**Prerequisite:** None

**Course Description:**

Designed to serve the personal finance needs of students regardless of their major fields. Practical applications in personal and family planning, including credit, buying, borrowing, banking, insurance, investments, taxation, estate planning and home ownership.

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**Course:** Financial Literacy

**Diploma Level:** Scholastic

**Credit:** 1 (performance based)

**Length:** Semester

**Grade Level:** 12

**Prerequisite:** (Completed two business courses in a career pathway)

**Course Description:**

This course is designed to motivate the student to learn mathematics by relating the content of the course to the real world. The class is designed to help the student become knowledgeable consumers and business people. Concepts of whole numbers, fractions, decimals, and percentages are applied through study and problem solving. Students will develop a better understanding of basic consumer math and will strengthen their fundamental thinking skills in mathematics. Students will also be able to apply these skills in the performance of tasks designed for personal and business use. Related Math course for Scholastic Diploma.

**Course:** Business Law  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)

*Technology Class*

**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** Business Principles, Digital Literacy or Intro. to Money Mang.  
**Course Description:**

This course develops an understanding of legal rights and responsibilities in personal law. Application activities are applied to everyday roles as consumers, citizens, and workers. The pupil will have an understanding of the American legal system, courts/court procedures, criminal justice system, torts, and the civil justice system; oral and written contracts, sales contracts and warranties, consumer protection, insurance, real and personal property, and wills. Legal terminology is emphasized.

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**Course:** Business Management  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Digital Literacy and Business Principles or Intro to Money Mang.  
**Course Description:**

*Technology Class*

Business Management emphasizes owner/manager skills for developing the most efficient use of time, personnel, facilities, and financial resources. Pupils are taught the need for effective planning, organizing, leading and controlling by the successful owner/manager. A few areas of study include: types of business ownership, relationship of a business to the community; product/service and their promotion in business and effective management strategies. Computerized simulations such as stock market game and Junior Achievement Titans, and Goventure are used.

## Consumer and Family Sciences Department

**Course:** FACS Essentials

**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9-10  
**Prerequisite:** None

**Course Description:** (Beginning any FCS Career Pathway)

This comprehensive course provides an opportunity for acquiring basic FACS Essentials and allows students to select specific areas for concentrated study. Emphasis is on work and family, adolescent development, selection and care of clothing, consumer spending, housing choices, challenges of child rearing, and guidance in establishing relationships. Leadership development will be provided through the Family, Career and Community Leaders of America.

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**Course:** Parenting  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grades:** 10-12  
**Prerequisite:** None

*Technology Class*

**Course Description:** (Early Childhood Education/Consumer & Family Management Career Pathway)

This course is designed to aid students in developing parenting and care giving skills that can be applied in a variety of situations. Major topics include becoming an informed parent, caring for the newborn, being an effective parent/caregiver, caring for the sick and elderly and exploring career opportunities in care giving. Leadership development will be provided through the Family, Career and Community Leaders of America.

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**Course:** Early Lifespan Development  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9-11  
**Prerequisite:** None

**Course Description:** (Early Childhood Education/Fundamentals of Teaching Career Pathway)

This course addresses the practical problems related to understanding the types and stages of human growth and development, recognizing effects of heredity and environment on human growth and development, meeting the needs of exceptional children, promoting optimum growth and development in the infancy, toddler, and preschool stages. Careers in child/human development are explored. Leadership development will be provided through the Family, Career and Community Leaders of America.

**Course:** Mid to Late Life Span Development  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 Credit (performance based)  
**Grade Level:** 9-12

**Prerequisite: None**

**Course Description:** (Consumer & Family Manage/Fundamentals of Teaching Career Pathway)

This course addresses the practical problems related to understanding the areas and stages of Lifespan development, review effects of heredity and environment on the life stages, meeting the needs of exceptional individuals, promoting optimum growth and development in the middle childhood, adolescent, and early/middle/late adulthood stages. Careers in human development and adult care services are explored. Leadership development will be provided through Family, Career and Community Leaders of America (FCCLA) student organization.

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**Course: Child Development Services I**

**Diploma Level: Academic or Scholastic**

**Credit: 1 (performance based)**

**Length: Semester**

**Grade Level: 11-12**

**Prerequisite: Parenting or Early Lifespan Development or Child Development**

**Course Description:** (Early Childhood Education Career Pathway)

This course provides training for entry-level positions in day care centers, nurseries, preschools, kindergartens, and private homes. Students study child development and guidance, children's health and well-being in group care, value of play, teaching strategies and management, curriculum development and careers in child development. The subject content is reinforced with work experience in a variety of early childhood settings. Leadership development will be provided through the Family, Career and Community Leaders of America.

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**Course: Child Development Services II**

**Diploma Level: Academic or Scholastic**

**Credit: 1 (performance based)**

**Length: Semester**

**Grade Level: 11-12**

**Prerequisite: Child Development I**

**Course Description:** (Early Childhood Education Career Pathway)

Child Development Services II is a continuation of Child Development Services I and is designed for students who wish to train for supervisory level positions or those wishing to further their education at the post-secondary level in the area of early childhood. Students gain in-depth work experiences in a variety of early childhood settings. Leadership development will be provided through the Family, Career and Community Leaders of America.

**Course: Foods and Nutrition**

**Diploma Level: Academic or Scholastic**

**Credit: 1 (performance based)**

**Length: Semester**

**Grades: 9-10**

**Prerequisite: FCS Essentials Recommended-Students must pay a \$20.00 foods fee to aid in the purchase of supplies, there may also be times when students will need to purchase additional supplies.**

**Course Description:** (Consumer & Family Management/Culinary & Food Services Pathway)

This course is designed to assist students in making critical decisions about food, which contributes to health and well-being. Laboratory instruction is included as an application process. Practical problems addressed relate to attitudes toward food, nutrition facts, special health concerns and diets, management of food resources, preparation skills, food safety, sanitation and careers in nutrition and food service. Leadership development will be provided through the Family, Career and Community Leaders of America.

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**Course: Culinary Skills I**

**Diploma Level: Academic or Scholastic**

**Credit: 1 (performance based)**

**Length: Semester**

**Grades: 10-12**

**Prerequisite: Foods and Nutrition**

**Students will be asked to attend at least one catering event**

**Course Description:** (Culinary & Food Services Career Pathway)

Description: This advanced course allows students to increase competencies in a variety of food preparation techniques. Emphasis will be placed on food presentation, garnishing, menu planning and the skills necessary to prepare for a career in the culinary arts. Leadership development will be provided through the Family, Career and Community Leaders of America.

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**Course: Culinary Skills II**

**Diploma Level: Academic or Scholastic**

**Credit: 1 (performance based)**

**Length: Semester**

**Grades: 11-12**

**Prerequisite: Culinary Skills I**

**Course Description:** (Culinary & Food Services Career Pathway)

In this course students resume progress in pursuing competencies in food production and services. Orientation to the food service industry and development of food preparation skills are reinforced. Food service management functions are introduced. More in-depth information is provided and higher levels of skills are taught. Time is provided for work based learning opportunities. Leadership development will be provided through the Family, Career and Community Leaders of America. Food preparation; bakery operation; dinner catering; model restaurant; laws and regulations; unions; safety, sanitation; receive, store and issue food are addressed.

## **JUNIOR RESERVE OFFICERS TRAINING CORPS (JROTC)**

# Career Pathway

## **Course: Leadership/Military Science Levels I – IV**

**Length:** Leadership/Military Science Leadership Level I (Basic Organizational & Leadership Skills), II (Basic Leadership Applications), Leadership Level III (Transitional Leadership, Planning, Implantation and Business Staff Application Skills) and Leadership Level IV (Advanced Organizational Leadership Theory and Application) require two consecutive semesters before advancement to the next level.

**Completion of one level is required before advancement to the next LET level.**

**Credit:** Leadership/Military Science Leadership Level's I, II (technology class), III, and IV one credit each. Level II and above can count as technology credit.

**Related Credit:** Cadets will earn a freshman Health and Physical Education Core credit during Freshman Academy School Day, opening an opportunity for a second elective during the day. A physical education, history or an elective credit can also be granted. Furthermore, all cadets can earn up to 30 college credit hours in Health, Wellness, Leadership, and History & Government through Adams State University, Alamosa, CO through the standard JROTC curriculum.

**Grade Level:** 9-12

**Education:** The student must be enrolled in and attending full-time at an institution offering JROTC.

**Academic Standing:** The student must maintain an acceptable standard of conduct and be of good moral character. The student must be honest, self-reliant, and have a sense of personal and social responsibility in performing program and academic assignments. The student must exhibit self-discipline and respect for constituted authority through observance of laws, rules and regulations, by prompt and regular attendance at instruction and display appropriate general demeanor.

**Physical Condition:** The student must be physically qualified to participate fully in the physical education program in the school.

**Screening Tests:** The students will successfully complete such survey and screening tests as may be prescribed by the school.

**Course Description:** The program consists of four levels of LET instruction (Leadership Education and Training). Each level will contain the number of academic hours to meet the curriculum requirements established by the school for one credit hour each. Credits are given as a 9<sup>th</sup> grade Health & Wellness Core Credit; all others can earn a history related, technology or an elective credit. The JROTC program is designed to teach high school students the value of citizenship, leadership, service to the community, personal responsibility and a sense of accomplishment, while instilling self-esteem, teamwork and self-discipline. JROTC prepares students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. The program is a stimulus for promoting graduation from high

school and provides instruction and rewarding opportunities that will benefit the student, community and nation. Satisfactory completion of three levels of the program can lead to advanced placement credit in the Senior ROTC program or advanced rank up to E-2 in the Reserve, National Guard and active Armed Forces. **However, there is NO MILITARY SERVICE obligation for taking Junior ROTC and we are not recruiters, the mission of JROTC is to motivate young people to be better citizens.**

Program of instruction consists of a character and leadership development program, foundations for success, leadership theory and application, health & wellness, fitness, first aid, geography, earth science, citizenship, and American history. Elective courses will be selected to support the program of instruction and support the goals and objectives of the school. The program will sponsor drill teams, color guards, rifle teams, saber teams and raider teams to enter into competition with other schools sponsoring the JROTC program.

**Earning College Credit While a Warren Central High Junior ROTC Cadet:** Cadets have the opportunity to earn college credit (\$60 per credit hour) through special agreement between Army JROTC and Adams State University, Alamosa, CO, these credits include:

- HGP 179; 3 Credits: CITIZENSHIP
- HIST 179; 3 Credits: AMERICAN HISTORY AND ITS VETERANS 1890 THROUGH TODAY
- ID 179; 3 Credits: COLLEGE OPTIONS
- LEAD 120; 3 Credits: AMERICAN VETERANS-PROFILE IN LEADERSHIP
- LEAD 122; 2 Credits: PERSONAL FINIANCIAL MANAGEMENT
- LEAD 124; 2 Credits: CHARACTER EDUCATION AND COMMUNITY SERVICE
- LEAD 126; 2 Credits: CITIZENSHIP AND COMMUNITY SERVICE
- LEAD 128; 3 Credits: AMERICAN DEFENSE POLICIES AND LEADERSHIP
- LEAD 130; 2 Credits: FOUNDATIONS FOR SUCCESS IN HEALTH, WELLNESS AND PHYSICAL FITNESS
- LEAD 132; 3 Credits: CULTURAL UNDERSTANDING OF LEADERSHIP DEVELOPMENT THROUGH GLOBAL STUDIES
- LEAD 134; 3 Credits: MILITARY HISTORY STAFF RIDE
- LEAD 138; 2 Credits: COMMUNITY SERVICE-LEARNING , "AN AMERICAN ETHIC"
- LEAD 142; 1 Credit; AMERICAN LEADER RESEARCH DEVELOPMENT PROJECT

## **Art Department**

**Course: Visual Art I**

**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 9-12  
**Prerequisite:** None

**Course Description:**

This course is a general introduction to Art through the following disciplines: art history, art criticism, aesthetics, and production (drawing, painting, sculpture, weaving, printmaking, and ceramics).

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**Course:** Visual Art II  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** B average in Visual Art I and teacher recommendation

**Course Description:**

This class is intended for the more serious art student and the difficulty level is greater than Visual Arts I. The major areas of concentration are drawing, painting, ceramics, textiles, art history, and aesthetics. Student will concentrate on their area of concentration. Student must be willing to devote time to creating outside the classroom.

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**Course:** Visual Art III  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** B average in Visual Art II and teacher recommendation

**Course Description:**

This class is designed for the college bound student with emphasis placed upon refining of production skills and techniques in areas of concentration. Students will begin creating works for portfolio.

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**Course:** Independent Study in Art  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 12  
**Prerequisite:** Teacher recommendation

**Course Description:**

This class involves the more serious college or professional bound student and is more challenging than Specialized Art II with greater emphasis placed on the art portfolio.

**Course:** AP Studio in Art 2-D  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5  
**Length:** All year

***Technology Class***



**Grade Level: 11-12**

**Prerequisite: Teacher recommendation and two years of art study**

**Course Description:**

Purposeful decision making about how to use the elements and principles of art in an integrative way. The principles of design articulated through the visual elements help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. Students are to demonstrate mastery of 2-D design through any 2-D medium or process (e.g. graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking). A portfolio must be submitted to the college board to be considered for college credit.

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**Course: AP Studio in 3-Design**

**Diploma Level: Academic or Scholastic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 12**

**Prerequisite: Teacher recommendation and two years of art study**

**Course Description:**

Purposeful decision making about how to use the elements and principles of art in an integrative way. The principles of design articulated through the visual elements help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. Students are to demonstrate mastery of 3-D design through any 3-D medium or process (e.g. graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking). A portfolio must be submitted to the college board to be considered for college credit.

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*Technology Class*

**Course: AP Studio in Art (Drawing)**

**Diploma Level: Academic or Scholastic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 11-12**

**Prerequisite: Teacher recommendation and minimum 2 years of Art Studies**

**Course Description:**

AP Drawing Portfolio: The drawing is designed to entertain a very broad interpretation of drawing issues. For example, many types of painting, point-making studies for sculpture, and some forms of design, as well as abstract and observational generated work, and videotapes may not be submitted. Students have the opportunity to submit portfolio for college credit. A minimum of 50 works will be required. Slides of all works required. Interested students may begin portfolio during the summer. Areas of concentrations required.

## Vocal Department

**Course: Vocal Ensemble I Beginners**

**Diploma Level: Academic or Scholastic**

**Credit: 1.5**

**Length: All year**

**Grade Level 9-12**

**Prerequisite: None**

**Course Description:**

Chorus courses provide the opportunity to sing and perform a variety of music styles for men's and/or women's voices, and are designed to develop vocal techniques and abilities. Course covers the structures, humanities, purposes, processes, and interrelationships of the arts as they apply to music.

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**Course: Vocal Ensemble II Advanced**

**Diploma Level: Academic or Scholastic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 10-12**

**Prerequisite: Concert choir and/or audition/  
Teacher recommendation-see Mr. Shanklin/recommended as an all year class**

**Course Description:**

Advanced Choir is for the advanced choir student. This course will involve three to four concerts a year. The students selected for this choir must have one year of concert choir or recommendation from the instructor or middle school instructor. Students will be expected to be serious and committed to the choir and to the learning of difficult music. This choir will be the flagship of the choral program of WCHS. This choir will perform at area schools and be used for recruitment purposes.

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**Course: Vocal Ensemble III Advanced**

**Diploma Level: Academic or Scholastic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 11-12**

**Prerequisite: Concert choir and/or audition/  
Teacher recommendation-see Mr. Shanklin/recommended as an all year class**

**Course Description:**

Advanced Choir is for the advanced choir student. This course will involve three to four concerts a year. The students selected for this choir must have one year of concert choir or recommendation from the instructor or middle school instructor. Students will be expected to be serious and committed to the choir and to the learning of difficult music. This choir will be the flagship of the choral program of WCHS. This choir will perform at area schools and be used for recruitment purposes.

**Course: Vocal Ensemble IV Advanced**

**Diploma Level: Academic or Scholastic**

**Credit: 1.5**

**Length: All year**

**Grade Level: 12**

**Prerequisite:** Concert choir and/or audition/  
Teacher recommendation-see Mr. Shanklin/recommended as an all  
year class

**Course Description:**

Advanced Choir is for the advanced choir student. This course will involve three to four concerts a year. The students selected for this choir must have one year of concert choir or recommendation from the instructor or middle school instructor. Students will be expected to be serious and committed to the choir and to the learning of difficult music. This choir will be the flagship of the choral program of WCHS. This choir will perform at area schools and be used for recruitment purposes.

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**Course:** Individual Technique-Vocal Music  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Teacher recommendation-see Mr. Shanklin

**Course Description:**

Individual Vocal Music courses provide instruction in vocal techniques to students in an independent study format. These courses can be conducted on either an individual or small group basis.

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**Course:** Music Theory  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1 (performance based)  
**Length:** Semester  
**Grade Level:** 11-12  
**Prerequisite:** Two years of band or chorus or combination of both/  
Teacher recommendation-see Mr. Shanklin

**Course Description:**

Courses in Music Theory teach and understanding of the fundamentals of music and include one or more of the following topics: music notation, composition, arrangement, analysis, aural development, sight reading; Music Theory courses may or may not require previous musical experience. Course covers the structures, humanities, purposes, processes, and interrelationships of the arts as they apply to music.

## Instrumental Department

**Course:** Instrumental Ensemble/Band I-IV  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1.5 (each level)

**Length:** All year (each level)  
**Grade Level:** 9-12  
**Prerequisite:** Prior band experience or director's approval

**Course Description:**

This course focuses on developing each student's individual musicianship through playing an instrument. The first nine weeks focuses on marching band, with performances at marching competitions, and home football games. Students involved in other school activities may apply for an exemption from marching, and will be given alternative lessons the first nine weeks. The second nine weeks focuses on preparing the Christmas concert and marching in two local parades. Spring semester performances include at least two concerts, solo and ensemble festival, concert festival and home varsity basketball games.

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**Course:** Instrumental Ensemble Independent Study in Music  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1  
**Length:** Semester (performance based)  
**Grade Level:** 10-12  
**Prerequisite:** Prior and current enrollment in band and teacher approval

**Course Description:**

This course provides enrichment opportunities for experienced band students. The purpose of the course is to enhance students' individual playing abilities in a more specialized and focused environment than the full band class. Advanced band students are given opportunities to work on technically demanding material with individualized instruction from the teacher. All Independent Study students are required to audition for the All-State Band, and enter a solo and at least one ensemble in Solo and Ensemble festival. With the right mix of students, small ensembles will be formed, such as a flute trio or brass choir that could be made available for performances at school events.

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**Course:** Instrumental Ensemble/Jazz  
**Diploma Level:** Academic or Scholastic  
**Credit:** 1  
**Length:** Semester (performance based)  
**Grade Level:** 10-12  
**Prerequisite:** Prior and current enrollment in band and teacher approval

**Course Description:**

Contemporary Band courses develop technique for playing brass, woodwind, percussion, and string instruments as well as guitar and keyboard instruments, focusing primarily on contemporary music styles such as jazz, jazz improvisation, and various styles of rock and popular music. Course covers the structures, humanities, purposes, processes, and interrelationships of the arts as they apply to music.

## Health and Physical Education Department

**Course:** Health  
**Diploma Level:** Academic or Scholastic

**Credit:** 0.75  
**Length:** Semester  
**Grade Level:** 9  
**Prerequisite:** None

**Course Description:**

This is a general course offered to students to fulfill the requirement for graduation. The course includes nature of disease, complexity of nutrition, behavioral aspects of accident prevention, and understanding of health and medical care programs, significance of health problems, alcoholism, drug abuse, selection of health products and services, environmental issues, mental health, preparations for marriage and parenthood, and first-aid objectives.

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**Course:** Physical Education I  
**Diploma Level:** Academic or Scholastic  
**Credit:** 0.75  
**Length:** Semester  
**Grade Level:** 9  
**Prerequisite:** None

**Course Description:**

This course includes a planned progressive program of instruction in group games and coeducational activities to fulfill the requirements for all students for graduation. This course teaches group games and activities, with an emphasis on skill development. Opportunities are also provided for the inclusion of environmental and consumer education.

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**Course:** Health and Wellness  
**Diploma Level:** Academic or Scholastic  
**Credit:** 0.75  
**Length:** Semester  
**Grade Level:** 9-12  
**Prerequisite:** None

**Course Description:**

Nutrition will include topics such as dietary resources, assessment of nutrition status in individuals and populations; the role of nutrition in growth and health throughout life; nutrition history; nutrition during life stages caused by various changes, as well as the analysis of popular diets and supplements and conduct food inspections. Public Health will provide a comprehensive introduction to public health concepts and practice examining purpose, history, organizations, functions, tools and activities and the results of public health practices at the local, state and national levels; Issues and problems facing public health such as diseases, healthcare, hygiene, etc. Case studies and real-world problem solving and simulations will be conducted.

**Course:** Physical Education II  
**Diploma Level:** Academic or Scholastic  
**Credit:** 0.75  
**Length:** Semester  
**Grade Level:** 10-12  
**Prerequisite:** Physical Education 1

**Course Description:**

Advanced Physical Education is a continuation from Physical Education I. Students participate in physical conditioning, team sports, individual sports, rules, discussions, game strategy discussions, and the development of sportsmanship. Students in the Advanced Physical Education level also participate in higher level game (team, dual, and individual), officiating, guest lectures. Opportunities for leadership training and research projects are included.

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**Course: Conditioning/Weightlifting I**

**Diploma Level: Academic or Scholastic**

**Credit: 0.75**

**Length: Semester**

**Grade Level: 9-10**

**Prerequisite: None**

**Course Description:**

This course is designed to enable the student to improve physical, mental and social health. The focus of the course is to enhance life-long wellness. Some of the topics covered are: Physical conditioning, activities that develop self-esteem, proper nutrition in order to combat eating disorders and obesity. This course is recommended for high school athletes who are interested in learning more about fitness and maintaining a certain level of fitness. These courses are offered to all students but are geared toward athletic conditioning. Skills testing in weight training and conditioning, as well as physical fitness and improvement will be performed. Written tests and a writing portfolio are part of the overall grade.

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**Course: Conditioning/Weightlifting II**

**Diploma Level: Academic or Scholastic**

**Credit: 0.75**

**Length: Semester**

**Grade Level: 10 -12**

**Prerequisite: Conditioning/Weightlifting I**

**Course Description:**

This course is designed to enable the student to improve physical, mental and social health. The focus of the course is to enhance life-long wellness. Some of the topics covered are: Physical conditioning, activities that develop self-esteem, proper nutrition in order to combat eating disorders and obesity. This course is recommended for high school athletes who are interested in learning more about fitness and maintaining a certain level of fitness. These courses are offered to all students but are geared toward athletic conditioning. Athletes may only take this course with their coach's approval (on their registration card.) Skills testing in weight training and conditioning, as well as physical fitness and improvement will be performed. Written tests and a writing portfolio are part of the overall grade.

**Course: Conditioning/Weightlifting III**

**Diploma Level: Academic or Scholastic**

**Credit: 0.75**

**Length: Semester**

**Grade Level: 11-12**

**Prerequisite: Conditioning/Weightlifting II /Teacher Recommendation**

**Course Description:**

This course is designed to enable students to promote lifelong wellness and fitness by developing their own personal workout that meets their specific needs. Students will take the information that they have obtained from advanced weights and coordinate that knowledge into setting targets and reaching their goals. Written test, portfolio, and personal workout plans are necessary for overall grade.

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**Course:** Dance/Creative Movement

**Diploma Level:** Academic or Scholastic

**Credit:** 0.75

**Length:** Semester

**Grade Level:** 9-12

**Course Description:**

This course develops the students' ability to move expressively, without being based on particular dance forms, or on developing specific dance techniques.

## Other Courses

**Course:** Broadcasting

**Diploma Level:** Academic or Scholastic

**Credit:** 0.75

**Length:** Semester

**Grade Level:** 10-12

*Technology Class*

**Prerequisite: Application**

**Course Description:**

The News Team is a class that produces a 10 to 15 minute broadcast of current news and local events for the school. Segments to include: interviews, weather, announcements, history and current events in the news, and school related events. Students will work on researching, developing, and writing their stories during the week and then producing the broadcast for the end of the week.

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**Course: JAG**  
**Diploma Level: Academic or Scholastic**  
**Credit: 0.75**  
**Length: Semester**  
**Grade Level: 9-12**  
**Prerequisite: Teacher Placement**  
**Course Description:**  
Credit recovery course

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**Course: APEX**  
**Diploma Level: Academic or Scholastic**  
**Credit: 0**  
**Length: Semester**  
**Grade Level: 9-12**  
**Prerequisite: Teacher Placement**  
**Course Description:**  
Credit recovery course

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**Course: College Entry Prep**  
**Diploma Level: Academic or Scholastic**  
**Credit: 0.75**  
**Length: Semester**  
**Grade Level: 12**  
**Prerequisite: Teacher Placement**  
**Course Description:**  
Focus on meeting ACT Benchmarks

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**Course: Reading**  
**Diploma Level: Academic or Scholastic**  
**Credit: 0.75**  
**Length: Semester**  
**Grade Level: 9-12**  
**Prerequisite: Teacher Placement**  
**Course Description:**



This course description is reserved for targeted intervention or remediation courses in reading at the middle or high school level.

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**Course:** Library Aide  
**Diploma Level:** Academic or Scholastic  
**Credit:** 0.75  
**Length:** Semester  
**Grade Level:** 9-12  
**Prerequisite:** Teacher Placement

**Course Description:**

The area of Library Media emphasizes teaching students to become information literate and lifelong learners; working in collaborative partnerships to meet individual needs; and providing access to information resources and technology.

## **Area Technology Center**

### **Automotive Technology**

**Basic Automotive Electricity**  
***Course Description***

This course introduces the student to the principles, theories, and concepts of the automotive electrical system that include the unique diagramming, coding and locating of wiring, and component devices.

### **Electrical Systems**

#### ***Course Description***

This course focuses on the theory and principles relating to automotive electrical/electronic components.

### **Basic Fuel and Ignition Systems**

#### ***Course Description***

This course presents the theory, component identification, application, operation, and the service and repair of the basic automotive ignition, fuel, and emission systems, including related components.

### **Emission Systems**

#### ***Course Description***

This course presents the theory, component identification, application, operation, and the service and repair of advanced automotive ignition, fuel, and emission systems, including related components.

### **Computer Control Systems and Diagnosis**

#### ***Course Description***

This course presents the comprehensive diagnostics of on-board computer control systems, including distributor-less ignition systems. The problem solving process, including flow chart reading, will be presented.

## **Construction Technology**

### **Introduction to Construction Carpentry**

#### ***Course Description***

This course emphasizes the types, grades, sizes, and standards of building materials including the types of fasteners and their correct uses. Students will also learn to correctly utilize and maintain commonly used hand and power tools. Safety in the lab and on the job site is stressed.

### **Ceiling and Roof Framing**

#### ***Course Description***

This course covers roof types and combinations of roof types used in the construction industry. The emphasis of this course is on layout, cutting and installing ceiling joists, rafters, roof decking, and roof coverings.

### **Site Layout and Foundations**

#### ***Course Description***

Students will prepare materials; calculate the cost for a building site, and layout a site with a transit, locating property lines and corners. Students will calculate the amount of concrete needed for footing and foundation walls and construct different types of foundations and forms.

### **Exterior and Interior Finish**

#### ***Course Description***

This course presents basic concepts of building trim, gypsum wallboard, paneling, base, ceiling and wall molding with instruction on acoustical ceilings and insulation, wood floors, tile, inlaid adhesive and tools of the flooring trade. This course will continue to refine the techniques and skills taught in the previous carpentry courses. In this course, cost control, speed, and precision are emphasized. In addition, students will perfect the skills associated with the exterior finishing of a house.

## **Blueprint Reading for Construction**

### ***Course Description***

This course will provide a series of lectures, demonstrations, and practice exercises in the study of symbols, views, sections, details, and material lists found on architectural working drawings, building materials and specifications lists, and construction dimensioning systems and charts/schedules.

## **INFORMATION TECHNOLOGY**

<b><i>Technology Class</i></b>
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### **Computer Software Maintenance (A+ PC Essentials)**

#### ***Course Description***

Maintenance of the personal computer with an emphasis on installation, upgrading, and configuration of the operating system. Memory management, boot sequences, printing subsystem, application software, and networking are also covered. Troubleshooting is the main focal point including viruses. This is one of two courses which prepare students for the industry certification exams.

### **Computer Hardware Maintenance (A+PC Field Tech)**

#### ***Course Description***

Introduction to the maintenance of computer workstation hardware, including set-up of workstation for network and Internet access. Internal addressing, architecture, interrupts, complete PC construction, and basic troubleshooting will be focal points. This is one of two courses which prepare students for the industry certification exams.

### **Cisco Internetworking I**

#### ***Course Description***

CCNA Semester 1. This is the first of four courses that lead to the Cisco Certified Network Associate (CCNA) certification (640-801 CCNA or 640-821 INTRO). CCNA 1 introduces Cisco Networking Academy Program students to the networking field. The course focuses on network terminology and protocols, local-area networks (LANs), wide-area networks (WANs), the Open system Interconnection reference (OSI) model, cabling, cabling tools, routers, routing fundamentals, Ethernet, Ethernet switching, Internet Protocol (IP) addressing, and network standards.

### **Cisco Internetworking II**

#### ***Course Description***

CCNA Semester 2. CCNA 2 Router and Routing Basics is the second of the four courses leading to the Cisco Certified Network Associate (CCNA) certification (640-801 CCNA or 640-821 INTRO). CCNA 2 is an integral step towards achieving CCNA certification. CCNA 2 continues to familiarize Cisco Networking Academy Program students to the networking field. The course focuses on initial router configuration, Cisco IOS Software management, routing protocol configuration, TCP/IP, and access control lists (ACL's).

## **HEALTH SCIENCE TECHNOLOGY**

### **Health Sciences Introduction**

#### ***Course Description***

This course is an orientation to the health care cluster consisting of four career majors: Nursing, Medicine, Dentistry, and Allied Health. It is also designed to develop and enhance an understanding of the roles and responsibilities of each career major area. Communication, study, and leadership skills will be emphasized

as the student learns about the health care industry, health care economics, and career opportunities available. Medical Terminology will be integrated throughout the course. Upon successful completion of this course, the student will be able to focus on a career major path and make informed decisions regarding choices for continuing education and/or employment. This course addresses the Kentucky Learner Goals and Academic Expectations, Core Content for Assessment, and includes core components from the National Health Care Skill Standards.

### **Basic Anatomy and Physiology**

#### ***Course Description***

Basic Anatomy and Physiology is designed to provide knowledge of the structure and function of the human body with an emphasis on normalcy. The course includes interaction of all body systems in maintaining homeostasis and promotes an understanding of the basic human needs necessary for health maintenance. Explain the basic principles of inorganic and organic chemistry as they apply to physiological processes.

### **Medical Terminology**

#### ***Course Description***

An overview designed of the basic techniques of medical word building is provided. Once these techniques have been developed, they can readily be applied to acquire an extensive medical vocabulary. Emphasis is on basic anatomical, physiological, pathology, diagnostic procedures, and pharmacological terms.

### **Safety and First Aid (Emergency Procedures)**

#### ***Course Description***

Safety and First Aid is a course designed to teach current strategies relative to designated emergency situations as put forth by the National Safety Council or American Red Cross. The National Safety Council or American Red Cross standardized course qualifies a student for certification in safety and first aid.

### **Medicaid Nurse Aide**

#### ***Course Description***

Specific knowledge and skills for students and/or nurse aides to assume the role and responsibility required in long-term care is communicated to the student through lectures, lab, and clinical practice. The focus of the course is communication, infection control, safety, residents' rights, and basic nursing skills.

### **COST:**

The second semester will start the Medicaid Nurses Aid (MNA) course and Anatomy and Physiology. In order to come to this class you must have attended the first semester Intro to Health Science and Medical Terminology/Emergency Procedures and had a 70% average or better.

In the MNA 100, an average of 70% will be required on all tests, as well as the overall average to remain in the MNA program. There is also an attendance requirement with only 3 absences allowed. This course requires 59 hours of classroom/lab and 16 hours of clinical time. Attendance is of the utmost importance to complete this course. At the end of the course, if the hour requirements are not met, you will not be able to test for certification.

The MNA program will entail both clinical skills and testable material. There will be lecture, videos, demonstrations, and return demonstrations with a check-off prior to clinical rotation. The clinical will be done in two, 8 hour days, with the students being split into two groups.

The student must also have malpractice insurance, a background check, up-to-date Hepatitis B injections, Tetanus within the last 10 years and a TB skin test. The background check and insurance is at the expense of the student. A statement of understanding between WCATC and the student will also be signed by the student and the parent. A drug screen may also be required.

The approximate cost estimates will be as follows:

*Scrubs (white)	\$ 20.00 (approx)
*Insurance	\$ 15.00 (purchased through school)
*TB skin test	check with Dr.
*Background check	\$20.00
*Tetanus Immunization	check with Dr.
*Hepatitis B series	check with Dr.
Textbook/wkbk (optional)	\$60.00
Stethoscope (optional)	\$25.00
HOSA dues	\$15.00
*CPR card	\$5.00
*First Aid card	\$5.00
*Elder Abuse Check	No charge

\* Mandatory Items

## **WELDING TECHNOLOGY**

### **Basic Welding**

#### ***Course Description***

An Introduction to common cutting processes used in industry. theory, setup, operation, and related safety are applied.

### **Oxy-Fuel Systems**

#### ***Course Description***

A working knowledge of: oxy-fuel identification, set-up, inspection, and maintenance; consumable identification, selection and care; principles of operation; and effects of variables for manual and mechanized oxy-fuel cutting, welding, brazing principles and practice, and metallurgy. Shop safety and equipment use are also covered.

### **Shielded Metal Arc Welding**

#### ***Course Description***

Teaches students the identification, inspection, and maintenance of SMAW electrodes; principles of SMAW; the effects of variables on the SMAW process to weld plate and pipe; and metallurgy.

### **Gas Tungsten Arc Welding**

#### ***Course Description***

Identification, inspection, and maintenance of GTAW machines; identification, selection and storage of GTAW electrodes; principles of GTAW; the effects of variables on the GTAW process; and metallurgy. This course also teaches the theory and application of Plasma Arc Cutting.

### **Gas Metal Arc Welding**

#### ***Course Description***

Identification, inspection, and maintenance of GMAW machines; identification, selection and storage of GMAW electrodes; principles of GMAW; and the effects of variables on the GMAW process. Theory and applications of related processes such as FCAW and SAW and metallurgy are also included.

### **Cutting Processes**

**Course Description**

A working knowledge of various cutting processes used by the welding industry. Will include, but not limited to, safety, theory of operation, setup and operating techniques, troubleshooting, and making minor equipment repairs, terms and definitions, identification, evaluation, repair and prevention of discontinuities of cut surfaces. Includes oxy-fuel cutting, plasma arc cutting, exothermic cutting, air carbon arc cutting, shielded metal arc cutting, and mechanical cutting process.

**Gas Metal Arc Welding Groove Lab****Course Description**

Teaches the method of operation and application of the Gas Metal Arc Welding process for welding groove welds in both ferrous and non-ferrous plate in all positions using both short circuiting and spray transfer where appropriate.

**Blueprint Reading for Welding****Course Description**

Provides a study of occupationally specific prints for welders. Advanced study of multi-view drawings, assembly drawings, datum dimensions, numerical control drawings, sheet metal prints, castings and forgings, instrumentation and control charts and diagrams, working drawings, geometric dimensioning and tolerancing and use of reference materials and books are included. Occupational specifics including welding drawings, symbols, joint types, grooves, pipe welding symbols, testing symbols, and specification interpretations are stressed.

# Southcentral Kentucky Community and Technical College (SKYCTC)

SKYCTC is pleased to announce one of the most extraordinary academic opportunities that is changing lives, and making college more accessible, affordable, and achievable. *On Track* is a partnership between the Warren County Public Schools and Southcentral Kentucky Community and Technical College (SKYCTC) in which high school students will have the opportunity to be a part of a truly unique experience

-- enrolling in college courses, prior to high school graduation. The goal of this program is to get high school seniors on the fast track to being college ready and to prepare them for the next big decision they will face . . . "Where will I go to college?"

*On Track* offers students the opportunity to take SKYCTC college level courses at a very affordable tuition rate, while in high school and living at home --- both are significant cost savers! Students pay for books, supplies, and the first credit hour of each course in which they are registered.

Warren County Public Schools have worked with SKYCTC to create a seamless transition between high school and college. Students can take college classes after school, in the evenings, or on weekends. With permission from the guidance counselor, it may also be possible for students to take courses during school hours --- please consult with your counselor. A schedule of available courses and times may be found in the class schedule, located on the college website, [www.bowlinggreen.kctcs.edu](http://www.bowlinggreen.kctcs.edu). All admission requirements, assessment regulations, and course prerequisites apply.

Beginning the process is as easy as 1, 2, 3 . . .

Step 1: Complete Online Application

[http://www.bowlinggreen.kctcs.edu/Admissions/How\\_to\\_Apply.aspx](http://www.bowlinggreen.kctcs.edu/Admissions/How_to_Apply.aspx)

(Please be sure to indicate that you are attending college before high school graduation.)

Step 2: Submit Qualifying ACT Scores: English: 18, Math: 19, and Reading: 20

(To be eligible for College Algebra, students will need a 22 on the Math ACT.)

Step 3: Students who do not meet qualifying ACT scores may take the COMPASS at the SKYCTC Main Campus --- Building A.

For more information, contact Heather Keith at SKYCTC, 901-1094 or see your guidance counselor.

### **Classes offered at WCHS through SKYCTC:**

Anatomy and Physiology

\*Classes do transfer from SKYCTC to WKU

## ***WKU Dual Credit Program***

*The purpose of Western Kentucky University's Dual Credit Program is to provide enrichment opportunities to academically talented students who are ready for the challenge of university coursework. The program enables qualified students to enroll in university courses while still in the familiar high school setting. Courses are offered at a substantially reduced tuition rate and provide a means of preparing college bound students to make a successful transition to postsecondary*

*education. Students receive both high school credit and college credit upon successful course completion.*

- Seniors choosing to take a dual credit course are admitted to Western Kentucky University as a non-degree seeking high school student.
- If the student desires to come to WKU as a freshman, he or she would need to reapply and would be admitted subject to meeting the WKU admissions requirements for a degree-seeking student.
- The student will need to submit an application for each semester he or she enrolls in dual credit courses. The application fee is \$40.00; however, the fee only needs to be paid the first time an application is submitted.
- The guidance counselor attaches the student's transcript to the application and recommends the student for the course based on their potential for academic success at the college level as evidenced by their G.P.A., ACT scores (if taken) and pre-college curriculum enrollment.
- Western Kentucky University will bill the student directly for the course fee of \$210. Courses for 1<sup>st</sup> semester will be billed in August. Courses for 2<sup>nd</sup> semester will be billed in January.
- The \$210.00 course fee provides 3 hours of college credit at a significant cost savings! In previous years, if a student were to enroll in this class on their own, the cost would be approximately \$1,059.00.
- The grade earned in a dual credit course becomes part of the student's official transcript at Western Kentucky University.
- Most other colleges and universities will accept this class for credit at their institution.

*See Guidance for more information regarding this program.*

## **WKU Dual Credit Course Offering** **12<sup>th</sup> Grade**

The following courses have been discussed as possible dual credit educational opportunities for Warren Central High School seniors in the school year of 2014 - 2015. The cost per course is \$210 plus the \$40.00 admission fee to WKU. Students will earn 3 credit hours per course for WKU and 1 credit per course as an elective at Warren Central.

**Fundamentals of Public Speaking:** A beginning course in the preparation and delivery of public speeches. Extensive opportunity is provided in the classroom for experience in public speaking.



**Introduction to Psychology:** An introductory course dealing with principles of behavior, scientific methods of psychology, measurement, learning, perception, motivation, development, personality, abnormal behavior, social behavior, intelligence and other topics.

**Introduction to Sociology:** Introduction to the basic concepts of society and culture, group behavior, population, class, minorities, community, social institutions and social changes.

**EDU 250 Principles of Teaching: Online with our teacher** This course provides opportunities for students with an interest in teaching to develop skills, strategies, and techniques used for instruction at various grade levels for a diverse population of student learners. Instruction addresses the principles and procedures for promoting the physical, emotional, social, and intellectual development of children, adolescents and developmentally appropriate practices in educational settings.

**Astronomy:** Astronomy is the study of space and extra-terrestrial systems. The study will include a history of astronomy from the ancients to modern time, astronomical instruments, the solar system, stars and stellar change over time, galaxies, and cosmology. Students will learn modern astronomical image processing and spectra analysis as preparation to lab observation. *A \$200 fee is required to take this course.*

**Personal Finance:** Designed to serve the personal finance needs of students regardless of their major fields. Practical applications in personal and family planning, including credit, buying, borrowing, banking, insurance, investments, taxation, estate planning and home ownership.

**Pre-AP Chemistry I:** Pre-AP Chemistry I covers the same topics and content as Chemistry I but in greater depth of knowledge and content. Pre-AP Chemistry is also a SPAN class in association with the WKU chemistry department. Students have an opportunity to receive dual credit from both Warren Central and WKU receiving a grade and credit **for Chem 105/106.**

**Introduction to Organic Chemistry:** The focus of this course is a basic introduction to concepts learned in college level organic chemistry. We will focus on organic nomenclature, functional groups, basic substitution reactions and mechanistic organic chemistry. Labs will be a major focus as well. We will investigate the properties of each functional group in a lab setting and synthesize aspirin as well. This class could complete the second semester of SPAN Chemistry at Western and earn the students college credit for **Chem 107/108** if the student elects to pay for the dual credit course.

\*All Dual Credit Courses are performance-based

## Electives 9<sup>th</sup> Grade

### **Agriculture Department**

- ❖ Principles of Agriculture Science-Plant & Animal AG 030-715-1
- ❖ Principles of Agriculture Science-Mechanics AG 030-715-2

### **Business Department**

- ❖ Business Principles BUS 060-111
- ❖ Introduction to Money Management BUS 060-122-1

- ❖ Digital Literacy BUS 060-112

### **Consumer & Family Sciences Department**

- ❖ FACS Essentials FCS 200-113
- ❖ Foods and Nutrition FCS 200-441
- ❖ Early Lifespan Development FCS 200-223
- ❖ Mid to Late Life Span Development FCS 200-226

### **Fine Arts Department**

- ❖ Visual Arts I VP 500-750
- ❖ Instrumental Ensemble/Band VP 500-950b
- ❖ Vocal Ensemble I Beginners VP 500-960
- ❖ Theatre I VP 500-511

### **Physical Education Department**

- ❖ Health and Wellness HP 340-271
- ❖ Conditioning/Weightlifting I HP 340-217
- ❖ Dance/Creative Movement VP 500=313

### **ROTC**

- ❖ ROTC I JR 580-240-4

\*Please **carefully consider your choices** according to your **career goals** from your ILPs.

**Ask for help** from parents, guidance counselors, and teachers with these decisions!

Take classes in your **career pathway!**

## **Electives 10<sup>th</sup> grade**

### **Agriculture**

- ❖ Principles of Agricultural Science-Plant & Animal AG 030-715-1
- ❖ Principles of Agricultural Science-Mechanics AG 030-715-2
- ❖ Greenhouse I AG 010-641
- ❖ Food Science Technology AG 010-702
- ❖ Landscaping/Turf/Floral Design AG 010-631
- ❖ Small Animal Technology/Equine AG 020-503

❖ Small Power & Equipment AG 010-231

### **Business Education**

❖ Digital Literacy BUS 060-112  
❖ Advanced Computer & Technology Applications BUS 070-743-1  
❖ Multimedia and Graphic Design BUS 060-751  
❖ Web Page Design BUS 060-199  
❖ Business Principles BUS 060-111  
❖ Introduction to Money Management/AFF BUS 060-122-1  
❖ Business Law BUS 060-121

### **Consumer and Family Sciences**

❖ FACS Essentials FCS 200-113  
❖ Parenting FCS 200-173  
❖ Early Lifespan Development FCS 200-223  
❖ Mid to Late Life Span Development FCS 200-226  
❖ Foods & Nutrition FCS 200-441  
❖ Culinary Skills I FCS 200-411

### **Junior Reserve Officers Training Corps (JROTC)**

❖ Military Science I (Introduction to Leadership) JR 580-240-4  
❖ Military Science II (Basic Leadership) JR 580-310-2

### **Art**

❖ Visual Arts I VP 500-750  
❖ Visual Arts II VP 500-751

### **Vocal**

❖ Vocal Ensemble I Beginners VP 500-960  
❖ Vocal Ensemble II Advanced VP 500-961  
❖

### **Instrumental**

❖ Instrumental Ensemble/Band VP 500-950B  
❖ Instrumental Ensemble Independent Study in Music VP 500-935  
❖ Instrumental Ensemble/Jazz VP 500-920

### **Physical Education/Health**

❖ Health and Wellness HP 340-271  
❖ Physical Education II HP 340-219-1  
❖ Conditioning/Weightlifting I HP 340-217

- ❖ Conditioning/Weightlifting II HP 340-217-1
- ❖ Dance/Creative Movement VP 500=313

**Other:**

- ❖ Broadcasting LA 239-611
- ❖ Theatre I VP 500-511

**Science**

- ❖ AP Biology SC 302-646

- ✓ Please **carefully consider your choices** according to your **career goals** from your ILPs.
- ✓ **Ask for help** from parents, guidance counselors, and teachers with these decisions!
- ✓ Take classes in your **career pathway!**

## Electives 11<sup>th</sup> grade

**Agriculture**

- ❖ Greenhouse I AG 010-641
- ❖ Food Science Technology AG 010-702
- ❖ Landscaping/Turf/Floral Design AG 010-631
- ❖ Small Animal Technology/Equine AG 020-503
- ❖ Small Power & Equipment AG 010-231
- ❖ Agricultural Construction Skills AG 010-241
- ❖ Agricultural Structures and Design AG 010-211

- ❖ Animal Science Dual Credit with MSU AG 020-501

### **Business Education**

- ❖ Advanced Accounting (Dual Credit) BUS 070-125
- ❖ Business Law BUS 060-121
- ❖ Business Management BUS 060-411
- ❖ Digital Literacy BUS 060-112
- ❖ Advanced Computer & Technology Applications BUS 070-743-1
- ❖ Multimedia and Graphic Design BUS 060-751
- ❖ Web Page Design BUS 060-199

### **Consumer and Family Sciences**

- ❖ Parenting FCS 200-173
- ❖ Early Lifespan Development FCS 200-223
- ❖ Mid to Late Life Span Development FCS 200-226
- ❖ Child Development Services I FCS 200-261
- ❖ Child Development Services II FCS 200-262
- ❖ Culinary Skills I FCS 200-411
- ❖ Culinary Skills II FCS 200-412

### **Junior Reserve Officers Training Corps (JROTC)**

- ❖ Military Science I (Introduction to Leadership) JR 580-240-4
- ❖ Military Science II (Basic Leadership) JR 580-310-2
- ❖ Military Science III (Primary Leadership) JR 580-310-3

- ✓ Please **carefully consider your choices** according to your **career goals** from your ILPs.
- ✓ **Ask for help** from parents, guidance counselors, and teachers with these decisions!
- ✓ Take classes in your **career pathway!**

### **Art**

- ❖ Visual Arts I VP 500-750
- ❖ Visual Arts II VP 500-751
- ❖ Visual Arts III VP 500-752-1
- ❖ AP Studio in Art 2-D and 3-Design VP 500-722
- ❖ AP Studio in Art (Drawing) VP 500-716

### **Vocal**

- ❖ Vocal Ensemble I Beginners VP 500-960
- ❖ Vocal Ensemble II Advanced VP 500-961

- ❖ Individual Technique-Vocal Music VP 500-927
- ❖ Music Theory VP 500-928

### **Instrumental**

- ❖ Instrumental Ensemble/Band VP 500-950B
- ❖ Instrumental Ensemble Independent Study in Music VP 500-935
- ❖ Instrumental Ensemble/Jazz VP 500-920

### **Physical Education/Health**

- ❖ Health and Wellness HP 340-271
- ❖ Physical Education II HP 340-219-1
- ❖ Conditioning/Weightlifting II HP 340-217-1
- ❖ Conditioning/Weightlifting III HP 340-217-2
- ❖ Dance/Creative Movement VP 500=313

### **Other:**

- ❖ Yearbook LA 239-141
- ❖ Broadcasting LA 239-611
- ❖ Theatre I VP 500-511

### **Science**

- ❖ Anatomy and Physiology (Dual Credit) SC 302-631
- ❖ AP Biology SC 302-646
- ❖ AP Chemistry SC 304-526
- ❖ Astronomy (Dual Credit) SC 304-612
- ❖ Forensic Science SC 302-616
- ❖ Introduction to Organic Chemistry (Dual Credit) SC 304-599

## **Electives 12<sup>th</sup> grade**

### **Agriculture**

- ❖ Greenhouse I AG 010-641
- ❖ Food Science Technology AG 010-702
- ❖ Landscaping/Turf/Floral Design AG 020-631
- ❖ Small Animal Technology/Equine AG 020-503
- ❖ Small Power & Equipment AG 010-231
- ❖ Agricultural Construction Skills AG 010-241
- ❖ Agricultural Structures and Design AG 010-211
- ❖ Animal Science Dual Credit with MSU AG 020-501

## **Business Education**

- ❖ Advanced Accounting (Dual Credit) BUS 070-125
- ❖ Financial Literacy BUS 060-171
- ❖ Personal Finance (Dual Credit) BUS 060-171DC
- ❖ Business Law BUS 060-121
- ❖ Business Management BUS 060-411
- ❖ Digital Literacy BUS 060-112
- ❖ Advanced Computer & Technology Applications BUS 070-743-1
- ❖ Multimedia and Graphic Design BUS 060-751
- ❖ Web Page Design BUS 060-119

## **Consumer and Family Sciences**

- ❖ Parenting FCS 200-173
- ❖ Mid to Late Life Span Development FCS 200-226
- ❖ Child Development Services I FCS 200-261
- ❖ Child Development Services II FCS 200-262
- ❖ Culinary Skills I FCS 200-411
- ❖ Culinary Skills II FCS 200-412

## **Junior Reserve Officers Training Corps (JROTC)**

- ❖ Military Science I (Introduction to Leadership) JR 580-240-4
- ❖ Military Science II (Basic Leadership) JR 580-310-2
- ❖ Military Science III (Primary Leadership) JR 580-310-3
- ❖ Military Science IV (Advanced Leadership) JR 580-243-1

## **Art**

- ❖ Visual Arts I VP 500-750
- ❖ Visual Arts II VP 500-751
- ❖ Visual Arts III VP 500-752-1
- ❖ AP Studio in Art 2-D Design VP 500-722
- ❖ AP Studio in 3-D Design VP 500-723
- ❖ AP Studio in Art (Drawing) VP 500-716
- ❖ Independent Study in Art VP 500-718-1

## **Vocal**

- ❖ Vocal Ensemble I Beginners VP 500-960
- ❖ Vocal Ensemble II Advanced VP 500-961
- ❖ Individual Technique-Vocal Music VP 500-927
- ❖ Music Theory VP 500-928

## **Instrumental**

- ❖ Instrumental Ensemble/Band VP 500-950B
- ❖ Instrumental Ensemble Independent Study in Music VP 500-935
- ❖ Instrumental Ensemble/Jazz VP 500-920

## **Physical Education/Health**

- ❖ Health and Wellness HP 340-271
- ❖ Physical Education II HP 340-219-1
- ❖ Conditioning/Weightlifting II HP 340-217-1
- ❖ Conditioning/Weightlifting III HP 340-217-2
- ❖ Dance/Creative Movement VP 500=313

## **Other:**

- ❖ Yearbook LA 239-141
- ❖ Broadcasting LA 239-611
- ❖ Theatre I VP 500-511

## **Science**

- ❖ Anatomy and Physiology (Dual Credit) SC 302-631
- ❖ AP Biology SC 302-646
- ❖ AP Chemistry SC 304-526
- ❖ AP Physics SC 304-825
- ❖ Astronomy (Dual Credit) SC 304-612
- ❖ Forensic Science SC 302-616
- ❖ Introduction to Organic Chemistry (Dual Credit) SC 304-599

- 
- ✓ Please **carefully consider your choices** according to your **career goals** from your ILPs.
  - ✓ **Ask for help** from parents, guidance counselors, and teachers with these decisions!
  - ✓ Take classes in your **career pathway!**
- 

**WKU Dual Credit Classes: A course fee of \$210 is required and an initial, one time application fee of \$40.00 is required. Guidance counselor recommendation required as well**

### *WKU Professor-First Period*

- ❖ Fundamentals of Public Speaking LA 231-011-1
- ❖ Intro to Psychology SS 459-901-5
- ❖ Intro to Sociology SS 451-121

*Our Teacher taught throughout the day*



- ❖ Astronomy SC 302-631
- ❖ Personal Finance BUS 060-170
- ❖ Pre-AP Chemistry (WKU Chem 105/106) SC 304-527
- ❖ Introduction to Organic Chemistry (WKU Chem 107/108) SC 304-599

**SKYCTC Dual Credit Classes: A course fee of \$50.00 is required.**  
**Guidance counselor recommendation required as well**

*Our Teacher taught throughout the day*

- ❖ Anatomy and Physiology SC 302-631

**Other Dual Credit offered through various colleges:**

*Our teacher taught throughout the day*

- ❖ Advanced Accounting BUS 070-125
- ❖ Animal Science (through MSU) AG 020-501

## **Warren County Area Technology Center**

### **Automotive**

- ❖ Automotive Maintenance Section A VAT 470-507-1 (Lab A) VAT 470-508-1
- ❖ Automotive Maintenance Section B VAT 470-509 -1 (Lab B) VAT 470-510-1
- ❖ Automotive Maintenance Section C VAT 470-511-1 (Lab C) VAT 470-512-1
- ❖ Automotive Maintenance Section D VAT 470-513-1 (Lab D) VAT 470-514-1

### **Computer Tech**

- ❖ Intro to Construction VC 460-201 VC 460-202
- ❖ Industrial Safety VC 460-301
- ❖ Floor and Wall Framing VC 460-212 VC 460-224

❖ Site Layout & Foundations	VC 460-214	VC 460-226
❖ Ceiling and Roof Framing	VC 460-213	VC 460-225
❖ Exterior and Interior Finish	VC 460-219	VC 460-228

**Info. Technology**

❖ Computer Literacy		VIT 110-110-2
❖ Computer Hardware & Software		VIT 110-101-2
❖ CISCO I <i>Networking</i>		VIT 110-902
❖ CISCO II Networking II		VIT 110-903

**Health Science**

❖ Intro to Nursing and Health Care Systems		VHS 170-610-1
❖ Medical Terminology		VHS 170-131
❖ Emergency Procedures		VHS 170-141
❖ Medicaid Nurse Aid		VHS 170-631
❖ Health Sciences Anatomy & Physiology		VHS 170-167

**Welding**

❖ Oxy-Fuel Systems	VW 480-523	VW 480-526
❖ Shielded Metal Arc Welding	VW 480-521	VW 480-527
❖ GMAW Gas metal are Welding	VW 480-522	VW 480-532
❖ Blueprint Reading for Welding	VW 480-505	VW 480-506

# Technology Classes

## **Agriculture**

Food Science Technology

## **Business**

Business Principles

Introduction to Money Management

Advanced Accounting (Dual Credit)

Business Law

Business Management

Digital Literacy

Advanced Computer & Technology Applications

Multimedia and Graphic Design

Web Page Design

## **Consumer and Family Sciences**

Parenting

## **Visual Art**

AP Studio in Art 2D & 3D

## **Other**

ATC – Information Technology

Broadcasting

JROTC – LT II

Yearbook