

# Wichita High School Southeast

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## 2021 – 2022 Educational Requirements in High School and Elective Course Information

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## SOUTHEAST

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# HIGH SCHOOL GRADUATION COURSE REQUIREMENTS

High School Graduation Requirements for the credit-based diploma beginning with the graduating class of 2013: The minimum requirement for a Wichita high school credit-based diploma is 23 units of credit. This includes credits earned in approved high school programs for students enrolled in grades 9, 10, 11, and 12.

**DEFINITION:** Each high school shall organize its program on the basis of units of credit. Depending on the course and the nature of course delivery, units of credit will be awarded in increments of one full (1.0) credit, one-half (.5) credit or one-quarter (.25) credit.

## REQUIRED COURSES FOR GRADUATION INCLUDE 23 CREDITS TOTAL:

Four (4) units of credit in English

English 1 (Grade 9), English 2 (Grade 10), and English 3 or Advanced Placement Language (Grade 11) are required.

One unit of credit for Senior English must be earned in the final two semesters prior to graduation.

Classes, which constitute Senior English, include:

Advanced Placement Literature and Composition, Honors English 4 and English 4.

Three (3) units of credit in Social Studies

Units must include study in U.S. History 1 (one unit), U.S. History 2 (one unit), U.S. Government (one-half unit), and World Studies (one-half unit).

The World Studies requirement can be met through World History or A.P. Modern European History.

Three (3) units of credit in Mathematics

Three (3) units of credit in Science

A total of 3 credits in science course numbers 4000-4999.

One (1) unit of credit in Physical Education and Health Foundations (8748-8749) or Modified Physical Education (9201-9202)

One (1) unit of credit in Fine Arts, which may include art, music, theatre, photography, and forensics

Seven (7.5) units of elective credit must be earned, with at least 0.5 unit of elective credit coming from a KSDE approved career and technical education pathway.

The field of study and course ranges are:

Art 8000-8499

Foreign Language 5000-5699

Physical Education 9200-9399

Business 6000-6999

JROTC 9221-9249

Music 8500-8999

Computer Studies 5700-5998

Language Arts 1000-1999

Science 4000-4999

Mathematics 2000-2999

Social Studies 3000-3999

Technical Education 7000-7599

Family & Consumer Sciences 7600-7999

One half (0.5) unit of credit in Financial Literacy (7610). This credit must be completed in the Junior or Senior year.

# AP COURSE LEVEL GUIDELINES FOR STUDENTS AND PARENTS

All students who wish to accept the challenge of an AP course are welcome to participate in the AP program. However, students and parents should be aware of the rigor in these courses so that they can make informed decisions regarding course selection.

## **Considerations:**

AP curricula are written two grade levels above traditional curricula. AP classrooms are fast-paced and challenging environments, with most lesson preparation done at home. Therefore, students taking these courses should be self-motivated learners willing to invest time and energy into their activities and assignments. They should be independent learners who have demonstrated prior success in the classroom as demonstrated by:

### ***Motivation***

Reaching one's educational potential is a definite motivating factor in choosing to enroll in an AP course. Another motivation is the potential to receive college credit for the class. AP tests are given at the end of the year, and students who score high enough have the potential to receive college credit. All AP students should have the desire to do their best, regardless of the effort required. **The score on an Advanced Placement exam will have no bearing on the grade earned in an Advanced Placement class.**

### ***Ability to Prioritize Time***

Most students are involved in extracurricular activities or other activities that occur outside the school day. Each AP class requires multiple hours of homework each week. Students should be willing and able to invest that kind of time in their coursework.

### ***Positive Attitude toward Challenging Coursework***

Often students find that AP classes require a level of mental activity to which they are unaccustomed. These students should persevere in their commitment to this level of academic rigor and, when faced with challenges, be willing to take necessary steps to succeed in the class (tutorials, study groups, etc.). AP students should approach problem-solving as an adventure and appreciate learning for learning's sake.

### ***Strong Work Ethic***

An interactive environment is critical to a successful AP experience. Student participation requires good attendance and punctuality. Respecting each other's ideas and taking responsibility for one's own actions and work are also crucial components to success. Students should be able to work well both independently and cooperatively. They should also take pride in their work by completing all assignments on time and creating high-quality products.

### ***Teacher Input***

The current subject-area teacher is a valuable resource in determining a student's readiness to participate in an AP program. Communicating with that teacher before making a final determination is an important part of the decision-making process.

## **AP Enrollment Commitments**

- Enrollment in Advanced Placement Course(s) is for the full school year.
- Requests to withdraw from Advanced Placement Course(s) will be denied.

# CONCURRENT ENROLLMENT GUIDELINES

Students who participate in the concurrent enrollment partnership program frequently do so for two reasons: 1) to experience the challenges of a college course in a familiar environment and 2) to begin college work early in order to complete a college degree in less time. Parents appreciate these same points as well as the opportunity to offset potential tuition increases. Additionally, students enrolled in concurrent enrollment partnership courses have access to any on-campus resources.

Following are the courses offered for dual credit:

- Speech
- Accounting (Must complete both semesters)
- Business Essentials
- IT Hardware Basics
- Networking AND Routing and Switching (Must take both classes)
- AP Biology
- Anatomy and Physiology
- AP Chemistry
- Honors English 4
- Teaching Tomorrow's Teachers Today (Intro to Teaching)
- Pre-Calc/Trig (1<sup>st</sup> semester College Algebra) (2<sup>nd</sup> semester Trig)
- Algebra 3
- Spanish 4/5
- Culinary Arts 1 (Must take both semesters)
- Interior and Textile Design

# BUSINESS AND COMPUTER COURSES

Accounting (6013/6014)

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

This technical level course introduces the fundamental accounting principles and procedures used in businesses.

Advanced Accounting (6015/6016)

Prerequisite: Accounting

Grade Level: 12

Two Semesters – 1.0 credit

It is a piloted AP class and Southeast is the only school in the district to offer Kansas State curriculum.

Animation (5793)

Prerequisite: Computer Graphics or Interactive Media

Grade Level: 9, 10, 11, 12

One Semester – 0.5

A technical level course in the Web & Digital Communications pathway. The course emphasizes the development of digitally generated and/or computer-enhanced media.

Audio/Video Production (5744)

Prerequisite: Computer Essentials

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

Learn the basics of how to shoot and edit video. Start with how to compose a shot and some of the fundamental shot techniques and work your way up to shooting, writing, and editing your own newscast.

Business Communications (6705)

Prerequisite: Business Management

Grade Level: 10, 11, 12

One Semester – 0.5 credit

Helps students to develop an understanding and appreciation for effective communication in business situations and environments. *An additional fee may be required.*

Business Essentials (6720)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

Designed to give students an overview of the business, marketing, and finance career cluster occupations. *This course is in both the Business Finance and Marketing Pathways. An additional fee may be required.*

Business Law (6170)

Prerequisite: Business Essentials Recommended

Grade Level: 10, 11, 12

One Semester – 0.5 credit

Emphasizes legal concepts that are relevant to business and business organizations. Topics examined in these courses typically include contracts, buying/renting property, installment buying, insurance, buyer/seller relationships, negotiable instruments, employment, taxes, insurance, commercial papers, legal organizational structures, and consumer liabilities.

### Business Management (6706)

Grade Level: 10, 11, 12

One Semester – 0.5 credit

Acquaints students with management opportunities and effective human relations. This course provides students with the skills to perform planning, staffing, financing, and controlling functions within a business.

### Computer Essentials (5735)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

Introduces the student to the software of the business world and is taught in a business computer lab. Students will utilize Microsoft products such as Word, Excel, PowerPoint, and Access. This course includes computer concepts, word processing, basic spreadsheets with charts and graphs, and basic database design.

### Computer Graphics (5741/5742)

Prerequisite: Computer Essentials recommended

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

A technical level course in the Web and Digital Communications pathway and focuses on the computer programs Adobe Photoshop and Adobe Illustrator. It is also recommended for students in the A/V strand of the A/V Communications pathway. Students will explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture.

### Computer Programming (5747/5748)

Prerequisite: Algebra 1

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credits

A technical level course in the Programming & Software Development and Web & Digital Communications pathways. The course provides students with the knowledge and skills necessary to construct computer programs in one or more languages.

### Digital/Video Production (5725/5726)

Prerequisite: Audio/Video Productions

Grade Level: 10, 11, 12

Two Semesters- 1.0 credit

Build on the basic video techniques learned in A/V Production and help produce a monthly newscast. Students are responsible for both the behind-the-scenes work such as running a studio camera and directing a live production as well as generating all their own video content for each show.

### Digital Media Design & Production (5745/5746)

Prerequisite: Digital/Video Productions 1

Grade Level: 11, 12

Two Semesters – 1.0 credit

Help lead the production of the monthly student newscast. Experienced students can apply for leadership positions such as News Director, Executive Producer and Chief Photographer. Students in this class will also be given the opportunity to work on independent projects and may qualify for internships in the broadcast journalism field.

### Digital Marketing (6633F)

Grade Level: 9, 10, 11, 12

One semester—0.5 Credit

Digital marketing is the focus of the 21<sup>st</sup> century world that emphasizes on the scope of marketing, budgeting, social media, and the primary source of the World Wide Web. Students will improve in the core concept of marketing and the basic needs on how businesses run, advertise companies and the importance of growth in the competitive domain using technology.

### Financial Literacy (7610)

This course is required for graduation

Grade Level: 11, 12

One Semester – 0.5 credit

Provides students with the basic skills and knowledge needed to effectively manage one's personal finances. Topics covered include the following: An overview of personal financial management, careers, income and taxes, budgeting, banking accounts, credit and credit risks. Projects will be conducted throughout the course to provide experiences assisting students in developing effective consumer habits.

### Gaming Concepts ( )

Grade Level: 9, 10, 11, 12 One semester

One semester - 0.5 Credit

This course is centered around video games! We will discuss the strategies of different games, social and emotional responsibilities of gaming, and mental and physical well-being. You will improve your gaming skills, learn to work with your classmates and advocate for gaming and esports in an academic setting. In-person students will be able to explore gaming using our top-of-the-line gaming PCs. No experience is needed.

### Honors Financial Literacy (7630)

Grade Level: 11, 12

One Semester – 0.5 credit

Provides students with the more in-depth skills and knowledge needed to effectively manage one's personal finances. Topics covered include the following: an overview of personal financial management, careers, income and taxes, budgeting, banking accounts, credit, and credit risks. Project will be conducted through the course to provide experiences assisting students in developing effective consumer habits.

### IT Hardware Basics (5767/5768)

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Designed to provide students with in-depth exposure to computer hardware and operating systems. Course topics include the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Students learn to assemble and configure a computer, install operating systems and software, and troubleshoot problems.

### Interactive Media (5700)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

Provides students with the knowledge and skills to create, design, and produce interactive media products and services. The course will emphasize the development of digitally generated and/or computer-enhanced media. Course topics will include animation, graphic and digital media, web tools, and game programming.

### Investing (6521)

Prerequisite: Accounting or YE

Grade Level: 11, 12

One Semester – 0.5 credit

Enables a student to develop a better understanding and attitude towards our market economy; to acquire a broader background of knowledge in all matters dealing with money; to acquire skills and information necessary to deal with business and consumer issues relating to finance.

### Marketing Applications (6629/6630)

Prerequisite: Marketing or Principles of Marketing

Grade Level: 11, 12

Two Semesters – 1.0 credit

This course furthers student understanding and skill in the various marketing functions. Students coordinate management activities, discuss the nature of marketing plans, and generate product ideas, coordinate activities in the promotional mix and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. As an added component to classroom learning, students will engage in hands on, real world activities through variety of instructional methods including Project Based learning activities. Student participation in co-curricular DECA is strongly encouraged.

### Network Security (5761)

Prerequisite: IT Hardware Basics or Teacher Approval

Grade Level: 11, 12

One Semester – 0.5 credit (1<sup>st</sup> semester)

Provides students with the opportunity to understand and work with hubs, switches, and routers. Students develop an understanding of LAN (local area network), WAN (wide area network), wireless connectivity, and Internet-based communications with a strong emphasis on network function, design, and installation practices. Students acquire skills in the design, installation, maintenance, and management of network systems that may help them obtain network certification. Credit is offered through Hutchinson Community College.

### Network Tech Support (5773/5774)

Prerequisite: Application, Teacher Approval and Site Technology Specialist (STS) interview.

Grade Level: 11, 12

Two Semesters – 1.0 credit

Students must complete IT Hardware Basics to be considered for selection. Network Tech Support is an application-level course in the Network Systems pathway. It is designed to provide students with a learning environment where they complete tasks like those of a network support specialist. The course incorporates rigorous academic and technical standards along with critical workplace skills such as problem solving, communication and teamwork. (Repeatable for credit).

### Principles of Marketing (6611/6612)

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

This course offer students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered. As an added component to classroom learning, students will engage in hands on, real world activities through a variety of instructional methods including guest speakers, computer simulations, and DECA activities. Student participation in co-curricular DECA is strongly encouraged. *Fee is required.*



### Programming Development Project Management

Grade Level: 12

Prerequisite: Advanced Computer Programming

Two semesters—1.0 Credit

This course is an application-level course in the Programming and Software Development pathway. Students will learn how to plan and create products and services using IT design processes and identify project requirements to meet customer needs.

### Programming Tech Support (5707/5708)

Prerequisite: Computer Programming, Application, Teacher Approval & STS Interview

Grade Level: 11, 12

Two Semesters – 1.0 credit

This course is designed to provide students a learning environment where they complete tasks like those of a programming/software technician on a business network.

### Router Basics (5763/5764)

Prerequisite: Networking Systems

Grade Level: 11, 12

One Semester – 0.5 (2<sup>nd</sup> semester)

Students learn about router components, start-up, and configuration using CISCO routers, switches, and the IOS (Internetwork Operation System). These courses also cover such topics as TCP/IP protocol, IP addressing, subnet masks, and network troubleshooting. Credit is offered through Hutchinson Community College.

### Sports and Entertainment Marketing (6801)

Grade Level: 10, 11, 12

One Semesters – 0.5 credit

This course will provide a background in the field of Sports and Entertainment Marketing. Coursework will cover a variety of marketing activities relating to amateur or professional sports and entertainment events.

### Web Page Design (6743)

Prerequisite: Computer Essentials or Teacher Approval

Grade Level: 10, 11, 12

One Semester – 0.5 credit

Students will learn how to use an Internet browser, use various search engines to seek information, and create effective Web pages. This course may be taken for Business Education, Computer Studies or Fine Arts credit

### Youth Entrepreneurs (6888/6889)

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

To provide students with business and entrepreneurial education and experiences to help them prosper and become contributing members of society. Students will experience many different activities and can use their skills in a Market Day. There are different competitions and the opportunity to earn scholarship money. The cumulative activity will be a business plan for a business for which they have a passion.

# COMMUNICATIONS

## Debate 1 (1011)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

In this course, students will develop skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation through frequent classroom speeches and debates. With the approval of the instructor, first-year debate students may participate in interscholastic competition as novice debaters as governed by KSHSAA.

## Debate 2 (1020)

Prerequisite: Debate 1

Grade Level: 10, 11, 12

One Semester – 0.5 credit (First Semester Only)

In this course, students will continue to develop skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation through frequent classroom speeches and debates. Debate 2 students will participate in interscholastic competition as experienced debaters as governed by KSHSAA.

## Debate 3 (1030)

Prerequisite: Debate 2

Grade Level: 11, 12

One Semester – 0.5 credit (First Semester Only)

In this course, students will develop advanced skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation through frequent classroom speeches and debates. With the approval of the instructor Debate 3 students will participate in interscholastic competition as experienced debaters as governed by KSHSAA.

## Debate 4 (1031)

Prerequisite: Debate 3

Grade Level: 12

One Semester – 0.5 credit (First Semester Only)

In this course, students will continue to develop and refine advanced skills in systematic and logical habits of thinking, and argumentative speaking and refutation through extensive competition both in the classroom and at tournament competition. Original research and advanced analytical thinking will be stressed at the Debate 4 level. Students will participate in interscholastic competition as experienced debaters as governed by KSHSAA.

## Digital/Media Technology (5713/5714)

Prerequisite: 21<sup>st</sup> Century Journalism or Fundamentals of Graphic Design

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

First-year Newspaper and Yearbook students should take this class before signing up for Project Management and a junior/senior. Students will explore all the different jobs that work together to distribute a finished publication, including writing, photography and page design.

### Digital Media Project Management (7253/7254F)

Prerequisite: Teacher Approval

Grade Level: 11, 12

Two Semesters – 1.0 credit

Experienced Newspaper and Yearbook staff members will take on leadership roles for their respective publications (including Editor-in Chief, Managing Editor, Photo Editor, etc.) and will be allowed to specialize in their preferred, discipline, whether that be writing, photography or page design.

### Forensics 1 (1251)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit (Second semester)

Students will learn fundamentals of competitive speaking in oration, dramatics, duet, oral interpretation, and informative and extemporaneous speaking.

### Forensics 2 (1252)

Prerequisite: Forensics 1

Grade Level: 10, 11, 12

One Semester – 0.5 credit

This course emphasizes advanced competitive speaking in oration, dramatics, duet, oral interpretation, and informative and extemporaneous speaking.

### Forensics 3 (1253)

Prerequisite: Forensics 1 & 2

Grade Level: 11, 12

One Semester 0.5 credit

This course emphasizes advanced competitive speaking in oration, dramatics, duet, oral interpretation, and informative and extemporaneous speaking.

### Forensics 4 (1254)

Prerequisite: Forensics 1, 2, & 3

Grade Level: 12

One Semester – 0.5 credit

This course continues to emphasize advanced competitive speaking in oration, dramatics, duet, oral interpretation, and informative and extemporaneous speaking.

### 21<sup>st</sup> Century Journalism (5711)

Grade Level: 9, 10, 11, 12

One Semester - 0.5 credit

Find out how technology is helping shape the modern face of journalism. Help develop good news media literacy skills and learn how to write a variety of styles for a variety of applications. Students interested in joining either Newspaper or Yearbook staff should start here.

### Fundamentals of Graphic Design (5712)

Prerequisite: 21st Century Journalism

Grade Level: 9, 10, 11, 12

One Semester - 0.5 credit

Learn the basic principles of design that apply both in print and online. Develop your skills using a variety of different design programs using the Adobe software suite including Photoshop, InDesign and Illustrator.

Photo Imaging (5715)

Grade Level: 9, 10, 11, 12

One Semester – 0.5

In this class students will learn the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images.

Speech (1731)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

In this course, students learn the fundamentals of public speaking. Units include conversation, individualized reading, parliamentary procedure, discussion, and the organization of material for formal speeches.

## **CONSORTIUM COURSES**

AVID (9021/9022)

Grade level: 9

Two Semesters – 1.0 credit

The 9<sup>h</sup> grade AVID course is an elective class for students who are college bound. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success.

AVID 2 (9031/9032)

Grade Level: 10

Two Semesters – 1.0 credit

The 10<sup>th</sup> grade AVID course is an elective class for students who are college bound. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. To ensure success in college-prep course work, students work individually, as well as in tutor-led collaborative groups.

AVID 3 (9035/9036)

Grade Level: 11

Two Semesters – 1.0 credit

The 11<sup>th</sup> grade AVID course is an elective class for students who are college bound. To ensure success in college-prep course work, students work individually, as well as in tutor-led collaborative groups. In addition, the course includes college motivational and career exploration activities.

AVID 4 (9045/9046)

Grade Level: 12

Two Semesters – 1.0 credit

The 12<sup>th</sup> grade AVID course is an elective class for students who are college bound. To ensure success in college-prep course work, students work individually, as well as in tutor-led collaborative groups. In addition, the course includes college motivational and career exploration activities.

JAG-K (9075/9076)

Prerequisite: Teacher Approval

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

JAG (Jobs for America's Graduates) is a career exploration and preparation program that provides a hands-on approach in exploring personal strengths and challenges as well as job attainment skill and workplace skills. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through development of an Individual Career Development Plan.

Training Tomorrow's Teachers Today (9048/9049)

Prerequisite: Teacher Approval

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Future Teachers of America provides students with the opportunity to study education as a possible career choice. This study will include an introduction to the teaching profession, classroom observation at elementary, middle, and high school setting, tutoring as a community service activity, and individual Learning Plans designed to allow students to conduct research in a specific area of interest. *This course may be repeated.*

## **ENGLISH LANGUAGE ARTS COURSES**

Creative Writing 1 (1540)

Grade Level: 10, 11, 12

Prerequisite: English 1

One Semester – 0.5 credit

In this course, students will develop creative talents in writing essays, articles, poetry, short stories and drama with emphasis on writing good, short pieces.

Creative Writing 2 (1541)

Grade Level: 10, 11, 12

Prerequisite: Creative Writing 1

One Semester – 0.5 credit

In this course, students will develop creative talents in writing essays, articles, poetry, short stories and drama with emphasis on one-act plays.

## **FAMILY & CONSUMER SCIENCE COURSES**

Baking & Pastry 1 (6729)

Prerequisite: Culinary Essentials

Grade Level: 9, 10, 11, 12

One semester – 0.5 credit

This course is your second cooking course, following Culinary Essentials. Baking is both an art and a science! Learn all the techniques you need to make delicious breads, cakes, and cookies! Practice special skills like cake decoration, pie crust, and more.

### Baking & Pastry 2 (6730)

Prerequisite: Baking & Pastry 1

Grade Level: 10, 11, 12

One Semester – 0.5 credit

Continue to build on your baking skills in this course. Lab experiences include more complex baking projects, including pastries and artisan breads. You will master more complex techniques for decoration, plating, and presentation of your desserts. *Offered second semester only.*

### Culinary Essentials (6732)

Grade Level: 9, 10, 11, 12

One semester – 0.5 credit

This is the first course you must take before taking any other cooking classes. Learn to cook like a pro as you make delicious baked goods, meat main dishes, eggs, and more! Master all the basic cooking methods. Earn your ServSafe card as you learn basic kitchen safety and sanitation. This card is issued through the Kansas Restaurant Association and is required to work in any restaurant,

### Culinary Applications (6725/6726)

Prerequisite: Culinary Essentials AND Culinary Arts 1

Grade Level: 11, 12

Two Semesters – 1.0 credit

If you have a love of cooking and want to pursue cooking as a career, this course offers you advance preparation. Students get hands on experience in class preparing and catering for special events and will have a chance to be an “Iron Chef” when they compete in culinary competitions.

### Culinary Arts (6727/6728)

Prerequisite: Culinary Essentials

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

This course is also an option for your second cooking course. It expands your knowledge of safety and sanitation. There are lots of lab cooking experience in this class as you learn to produce delicious entrees, quality baked goods, and desserts – all made from scratch in our kitchens. Learn advanced cooking skills like plating, garnishes, soups, sauces, and main dish presentation. This class also explores culinary careers.

### Nutrition and Wellness (7823)

Grade Level: 9, 10, 11, 12

One semester – 0.5 credit

Do you want to learn how to have a healthy diet? What types of exercise works for your body? How do you deal with stress and mental health issues? This course is designed to enhance your overall health and well-being with information about how to balance your diet, lose weight in a safe way, have a positive body image, and more. Learn tips and tools to be your healthiest you!

### Career and Life Planning (7605)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

Planning on going to college or having a career? There are a lot of decisions that you need to make, and this course can assist you with them. Whether it is financial, job related, family concerns, and more, you will be better prepared to be successful.

#### Early Childhood Education Foundation (7611/7612)

Prerequisite: Parenting & Child Development OR World of Children – This class must be taken with the Lab.  
Must have teacher approval, see Ms. Becker

Grade Level: 11, 12

Two Semesters – 1.0 credit

Do you want to work with children? Prepare for your career while still in high school. Earn all certifications to work in a daycare for free. You will develop lesson plans and activities that you will use when working with the children (infants through 5 years old) in the Southeast Daycare Center. This is a full year class that must be taken at the same time as Early Childhood Education Lab. TB test and physical are required and you must have these 30 days from the start of the school year.

#### Early Childhood Education Lab (7613/7614)

For 1<sup>st</sup> year students, they must have this class with Early Childhood Education Foundations. Second year students can have the lab only. Must have teacher approval – see Ms. Becker

Grade Level: 11, 12

Two semesters – 1.0 credit

In this class, you will work in the Southeast Daycare gaining work experiences with infants, toddlers and preschoolers.

#### Family Studies (7820)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

How do you make a strong family that allows for everyone to be the best they can be? In this course you will find ways to help you. Topics include: How to Handle Stress; Family Crises; Resources to Help Families; Personal Decisions; Careers in the Industry; and How to Get Along with Others at Various Life Stages.

#### Parenting/Child Development (7600)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

Students will study pregnancy, delivery, and the development of babies from birth to age two. This is also the course that you take the Real-Care babies home.

#### World of Children (7900)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

Do you love children? Students will study and develop the skills of nurturing young children starting at age three.

#### Apparel Production 1 (5833)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

This class introduces students to fabric characteristics, labeling and care. Students will demonstrate basic use of equipment and procedures needed to sew a garment.

#### Apparel Production 2 (5834)

Prerequisite: Apparel Production 1

Grade Level: 9, 10, 11, 12

This class provides students with an opportunity to explore design and developing skills for producing textile products and apparel.

### Essentials of Interior & Textile Design (5752/5749L)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

0.5 fine Arts credit for 1<sup>st</sup> semester

Dual credit for WSU Tech and high school for 11<sup>th</sup> & 12<sup>th</sup> graders may be earned

Think about beautiful rooms that make us feel right at home! This course introduces students to the world of design. Textiles are the fabrics that make up upholstery, linens, wallpaper, and home accessories. Creativity and artistry are necessary for successful designs. Elements and principles of design are applied to make attractive room arrangements and fabric that is inviting to see and touch. Related careers are explored.

### Fashion Trends (6651F)

Prerequisite: Apparel Production 1

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

This course analyzes historical, current and projected influences on fashion, apparel, and interior design. Students will demonstrate their technical knowledge to plan, create and present a recycled, redesigned, or sustainable apparel or interior design project.

### Interior & Textile Merchandising (5759)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

How do fashion and interior stores get the items they sell and how do they know how to price them? Those are some items this class will focus on. Other topics are fashion history, design elements and principles, careers, displays, customer service, and communication.

### Interior & Textile Design Studio (5789F/5790F)

Prerequisite: Essentials of Interior & Textile Design OR Interior & Textile Merchandising

Grade Level: 11, 12

Two Semesters – 1.0 credit

Dual credit for WSU Tech and high school may be earned

A project-based course that provides students with “hands-on” opportunities to expand knowledge and experiences with interior and fashion design. Application of the elements and principles of design will be used to create and construct interior and fashion projects that allow students to understand what takes place in the industry.

## **FINE ARTS COURSES**

### AP Studio Art (8055/8056)

Grade Level: 11, 12

Two Semesters – 1.0 credit

This course follows the guidelines of the College Entrance Board and is designed to prepare advanced students for the Advanced Placement test in Studio Arts. The score earned on an Advanced Placement exam will have no bearing on the grade earned in an Advanced Placement class.



Ceramics/Pottery 1 (8311/8312)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

This course engages students in a sequential learning experience that encompasses the history of ceramics, critiquing their own work and the work of others, aesthetic inquiry, and creative production. They develop knowledge of ceramic techniques and processes with an emphasis on creative design and craftsmanship. Experience includes, but is not limited to, clay modeling, hand building, coil building, casting, sculpturing and throwing on the potter's wheel. Students develop a working knowledge of kiln firing and glazing techniques.

Ceramics/Pottery 2 (8321/8322)

Prerequisite: Ceramics/Pottery 1

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Students in this course will extend work begun in Ceramics/Pottery 1 to include the study and applications of advanced techniques.

Ceramics/Pottery 3 (8323/8324)

Prerequisite: Ceramics/Pottery 2

Grade Level: 11, 12

Two semesters – 1.0 credit

Students in this course will extend work begun in Ceramics/Pottery 2 to include the study and applications of advanced techniques.

Creative Photography 1 (8131/8132)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Students will learn camera processes and functions and investigate the creative art processes of photography and image making, while learning about the history, aesthetics, and criticism of various photographic media.

Creative Photography 2 (8134/8135)

Prerequisite: Creative Photography 1

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Students will extend work begun in Creative Photography 1 to include further exploration of photography methods in image making, appreciation of classic and contemporary uses of photography, and developing a sense of style.

Creative Photography 3 (8129/8130)

Prerequisite: Creative Photography 2

Grade Level: 11, 12

Two Semesters – 1.0 credit

Students will extend work begun in Creative Photography 2 to include building a portfolio of work, further exploration of photography methods in image making, appreciation of classic and contemporary uses of photography, and developing a sense of style.

### Drawing and Painting (8251/8252)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Drawing/Painting 1 courses focus on drawing and painting together in a foundational presentation. These courses focus on the blend and relationships that occur between drawing and painting. Attention is given to two-dimensional work and utilizes one or more mediums, such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, and acrylics. As students advance and become more adept, the instruction regarding the creative process becomes more refined and students are encouraged to develop their own artistic styles. Design fundamentals, art history and criticism are integral components of the course.

### Drawing and Painting 2 (8261/8262)

Prerequisite: Drawing and Painting 1

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Students in this course will extend work begun in Drawing and Painting 1 to include the study and applications of advanced techniques.

### Drawing and Painting 3 (8173/8174)

Prerequisite: Drawing & Painting 2

Grade Level: 11, 12

Two Semesters – 1.0 credit

Students in this course will extend work begun in Drawing and painting 2 to include the study and applications of advanced techniques.

### Introduction to Art (8201/8202)

Grade Level: 11, 12

Two Semesters – 1.0 credit

This survey course is designed to give students an appreciation of art through the study of contemporary and historical art and artists. Students will experience all mediums of artmaking - drawing, painting, fibers, collage, and 3D work. Emphasis is on each student's art making process and will also include building well rounded skills in speaking and talking about art.

### Sculpture 1 (8119/8120)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Students will explore realistic and abstract sculpture using problem-solving skills and a variety of hands-on techniques. Art activities may include three-dimensional design using paper, cardboard wire sculpture, clay, and paint.

### Sculpture 2 (8191/8192)

Prerequisite: Sculpture 1

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Students in this course will extend work begun in Sculpture 1 to include the study and applications of advanced techniques.

### Sculpture 3 (8193/8194)

Prerequisite: Sculpture 2

Grade Level: 11, 12

Two Semesters-1.0 credit

Students in this course will extend work begun in Sculpture 2 to include the study and applications of advanced techniques.

### Special Art Production (8381/8382)

Prerequisite: Teacher Approval

Grade Level: 11, 12

Two Semesters– 1.0 credit

Special Art Production courses are long term advanced art studies and/or production in art. This course is designed for advanced students who are self-motivated and able to work independently with minimal instruction or assistance. Course may be repeated for credit. *This course may be repeated for credit.*

### Introduction to Theatre (8691/8692)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

In this course, students will study the broad areas of acting, stagecraft, theatrical history, stage movement, costumes, make-up, lighting, play form, and pantomime. Students will see full-length plays, as well as read and discuss contemporary drama. Students will learn and use safety rules and practices in theatre productions.

### Advanced Theatre (8693/8694)

Prerequisite: Introduction to Theatre and Teacher Approval

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

In this course, students will study acting techniques through sensory recall, emotional recall, concentration, vocal techniques, organizing a role, memorizing a role, memorizing, improvising, voice and diction, and stage movement. Students will perform monologues, duets, one-act plays, as well as three-act plays and musicals. Students will study, learn, and use safety rules and practices in theatre productions. This course may be repeated for credit.

### Repertory Theatre (1145/1146)

Prerequisite: Dramatics 1 and placement is by audition only

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Criteria for entrance will include prior drama experience, ability and/or interest, and performance quality. Students must possess exceptional dramatic qualifications, including knowledge of technical theatre. *This course may be repeated for credit.*

### Stagecrafts (8695/8696)

Prerequisite: Dramatics 1 and Teacher Approval

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

In this course, students will work with stage structure, tools, terminology, and operation of equipment with specific emphasis on construction, maintenance and building of scenery. Students will construction of stage, properties, setting lights and applying stage make-up. Students will study, learn, and use safety rules and practices in all theatre productions. This course may be repeated for credit.

### AP Music Theory (8613/8614)

Prerequisite: Previous music experience

Grade Level: 11, 12

Two Semesters – 1.0 credit

Placement in this course will be at the discretion of the director. Criteria for entrance will include student ability in music theory. This course will provide advanced study in the theory of music which prepares for the AP exam. The score earned on an Advanced Placement exam will have no bearing on the grade earned in an Advanced Placement class.

### Music Theory/Composition (8621/8622)

Grade Level: 9,10,11,12

Two semester – 1.0 credit

Students in this course should have taken interest in music, and have proficiency on at least one instrument. Piano keyboard knowledge is advantageous, but not required. Students will learn the basics of music theory, including the study of melodic and harmonic concepts of theory, form, analysis, dictation and part writing. As skills permit, students will also do some original composition and arranging. This course may be repeated for credit.

### Band 3 (8511/8512)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Course 8511 is a prerequisite for Course 8512 annually. This course is designed for students who are continuing to develop instrumental skill. Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, and interest. *This course may be repeated for credit.*

### Jazz Band 2/Drumline (8606/8607)

Prerequisite: Band 2 or 3 & Teacher Approval

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Placement is by audition or at the discretion of the director. Previous instrumental experience is required. Participation in several public performances is required. Concurrent enrollment in Band 2 or Band 3 required. *This course may be repeated for credit.*

### Jazz Band (8521/8522)

Prerequisite: Band 2 or 3 & Teacher Approval

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Placement is by audition or at the discretion of the director. Previous instrumental experience is required. Participation in several public performances is required. Concurrent enrollment in Band 2 or Band 3 required. *This course may be repeated for credit.*

### Orchestra 2 (8731/8732)

Grade Level; 9, 10, 11, 12

Two Semesters – 1.0 credit

This course is designed for students who are continuing to develop string performance skills. Placement is at the discretion of the director. A uniform may be required, at the discretion of the director. This course may be repeated *for credit.*

Orchestra 3 (8721/8722)

Prerequisite: Permission to enroll

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Placement in this ensemble is by audition or at the discretion of the director. Students will learn individual and ensemble performance skills, historical and compositional information and orchestra repertoire.

Concert Choir (8549/8550)

Prerequisite: Teacher Approval

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

This course is for experienced vocalists. Placement is by audition or at the discretion of the director. Criteria for entrance will include prior vocal experience, ability and/or interest, and vocal quality.

Madrigal Singers (8594/8595)

Prerequisite: Teacher Approval

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Placement is by audition only. Enrollment is normally limited to 24 or fewer students at the discretion of the director. *A special outfit may be required at the discretion of the director. This course may be repeated for credit.*

Tenor/Bass Chorus (8547/8548)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Students will study vocal techniques, a wide range of repertoire, and the improvement of individual vocal skills. Performance experiences will include concerts, musicals, solos/ensembles, some of which are mandatory. *This course may be repeated for credit.*

Treble Chorus I (8539/8540)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Students will study vocal techniques, a wide range of repertoire, and the improvement of individual vocal skills. Performance experiences will include concerts, musicals, solos/ensembles, some of which are mandatory. *This course may be repeated for credit*

Treble Chorus II (8584/8585)

Prerequisite: Teacher Approval

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Placement in this chorus is by audition only. Criteria for student entrance will include previous vocal experience, vocal quality, overall ability, interest, and enthusiasm. *A special outfit may be required at the discretion of the director. This course may be repeated for credit.*

# FOREIGN LANGUAGE COURSES

## French 1 (5101/5102)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

This course is designed as an introduction to French language and culture. It acquaints the students with listening, speaking, reading, and writing skills while looking at French culture and geographical aspects of French-speaking regions. The emphasis at this level is on listening and speaking.

## French 2 (5111/5112)

Prerequisite: French 1 or 1B (Middle School)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

This course is designed to continue the listening, speaking, reading, writing, and culture activities. There will be an emphasis on reading, writing, and culture.

## French 3 (5121/5122)

Prerequisite: French 2

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

French will be used as the language of instruction in this course. Oral communication will continue to be stressed, with more of the responsibility for class presentations resting with the students. Students will study French literature and give oral and written reports in French.

## French 4 (5131/5132)

Prerequisite: French 3

Grade Level: 11, 12

Two Semesters – 1.0 credit

French will be used as the language of instruction in this course. Increased proficiency in all four skills is the goal, with continued emphasis on the culture of French-speaking countries.

## French 5 (5161/5162)

Prerequisite: French 4

Grade Level: 12

Two Semesters – 1.0 credit

French will be used as the language of instruction in this course. Increased proficiency in all four skills is the goal, with continued emphasis on research into the literature of various French-speaking countries.

## Spanish 1 (5411/5412)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

This course is designed as an introduction to Hispanic culture and the Spanish language. It acquaints the students with listening, speaking, reading, and writing skills while looking at Hispanic culture and geographical aspects of Spanish-speaking region. The emphasis at this level is on listening and speaking.

### Spanish 2 (5421/5422)

Prerequisite: Spanish 1 or 1B (Middle School)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

This course is designed to continue the listening, speaking, reading, writing, and cultural activities. There will be an emphasis on reading, writing, and culture.

### Spanish 3 (5431/5432)

Prerequisite: Spanish 2

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Spanish will be the language of instruction in this course. Oral communication will continue to be stressed, with more of the responsibility for class presentations resting with the students. Students will study Hispanic literature and give oral and written reports in Spanish.

### Spanish 4 (5441/5442)

Prerequisite: Spanish 3

Grade Level: 11, 12

Two Semesters – 1.0 credit

Spanish will be the language of instruction in this course. Increased proficiency in all four skills is the goal, with continued emphasis on the culture of Spanish-speaking countries. *Dual credit may be offered.*

### Spanish 5 (5451/5452)

Prerequisite: Spanish 4

Grade Level: 12

Two Semesters – 1.0 credit

Spanish will be the language of instruction in this course. Increased proficiency in all four skills is the goal, with an emphasis on research into the literature of various Spanish-speaking countries. *Dual credit may be offered.*

### Spanish for Native Speakers 1 (5485/5486)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

This class is designed for students already possessing fluent oral language but desiring to improve their reading and writing skills in their native language.

## **JROTC COURSES**

### JROTC Training 1 (9221/9222)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

This course encourages discipline, initiative, and self-confidence. Students will gain knowledge and develop skills in oral and written communication techniques, reading comprehension, leadership, physical fitness, first aid and citizenship. As part of the course work, students are required to wear the JROTC uniform and adhere to US Army regulations of uniform wear and grooming. Regulation may require students to cut their hair and/or die hair back to a natural color. Students are also required to attend the Veteran's Day ceremony and the Cadet Ball. Students will participate in precision marching drills, color guards, community service learning and other co-curricular activities. Select students will be invited to attend a weeklong summer camp.

### JROTC Training 2 (9223/9242)

Prerequisite: JROTC 1

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

Students will gain an understanding of the importance for career planning, goal setting and time management. Students will continue to develop personal discipline and responsibility. Students could be assigned leadership positions and practice the ability to live and work cooperatively with others through the affective understanding and application of the leadership traits, principles, styles, and values. As part of the course work, students are required to wear the JROTC uniform and adhere to US Army regulations of uniform wear and grooming. Regulation may require students to cut their hair and/or die hair back to a natural color. Students are also required to attend the Veteran's Day ceremony and the Cadet Ball. Students work on and demonstrate the effective understanding and application of management techniques, the planning process and the decision making/problem solving process. Students assist the instructors in teaching precision marching and ceremonial drills. Students are required to demonstrate, in and out of the classroom, a knowledge of ethical values and principles that underlie good citizenship.

### JROTC Training 3 (9225/9226)

Prerequisite: JROTC 2

Grade Level: 11, 12

Two Semesters – 1.0 credit

This course exposes students to applied leadership and focuses on the effective leader. It provides an examination of the basic theories of leadership and leader behavior. It will develop the student's abilities to analyze, evaluate and solve leadership problems through assigned leadership positions in and out of the classroom. As part of the course work, students are required to wear the JROTC uniform and adhere to US Army regulations of uniform wear and grooming. Regulation may require students to cut their hair and/or die hair back to a natural color. Students are also required to attend the Veteran's Day ceremony and the Cadet Ball. With the Senior instructor's approval, students in this course may be assigned to the Battalion Staff which would require the student to be placed in the JROTC staff (JROTC Training 4) hour.

### JROTC Training 4 (9227/9228)

Prerequisite: JROTC 3

Grade Level: 12

Two Semesters – 1.0 credit

This course includes classroom instruction expanding on the skills taught in JROTC Training 1-3. It focuses on creating a positive leadership situation, negotiating, decision-making, problem solving, planning, team development, project management, and mentoring. It provides the opportunity to demonstrate leadership potential in an assigned command or Battalion staff position within the Cadet Battalion organizational structure. It includes how to use emotional intelligence in leadership situations as well as developing a positive attitude, preventing violence and anger management. This course provides instruction on etiquette, daily planning, financial planning, and careers. As part of the course work, students are required to wear the JROTC uniform and adhere to US Army regulations of uniform wear and grooming. Regulation may require students to cut their hair and/or die hair back to a natural color. Students are also required to attend the Veteran's Day ceremony and the Cadet Ball. Students in this course may be assigned to the Battalion Staff hour. Exceptions can be approved by the Senior Army Instructor. Successful completion of at least three units of credit in the Army JROTC program may qualify the student for advanced placement in a college ROTC program or accelerated promotion in the military service.



# PHYSICAL EDUCATION COURSES

## Aerobics & Fitness (9203/9204)

Prerequisite: Physical Education Foundations

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

*This course will focus on a total body workout, combining high energy, fun and music. A variety of activities brings a different workout each class; utilizing cardio equipment, free weights, exercise balls, agility training, yoga and relaxation to leave you wanting more! This course may be repeated for credit.*

## Lifetime Sports (9207/9208)

Prerequisite: Physical Education Foundations

Grade Level: 10, 11, 12

Two Semester -1.0 credit

This course will introduce students to sports and activities they can enjoy for their entire life. Terminology, rules, skills, and strategies will be covered in these classes. Some of the activities that may be covered are basketball, badminton, flag football, softball, soccer, swimming, volleyball, table tennis, and team games indoor/outdoor. *This course may be repeated for credit.*

## Officiating Sports (8751/8752)

Grade Level: 10,11,12

This course will teach students the knowledge and skills needed to officiate a variety of sports. There is a key component to this course that will also allow students to take the officials test for specific sports and become KSHSAA Restrictive Officials. This will provide students with the opportunity to work at middle school games or even non-KSHSAA events such as club level sports. Students could also support non-varsity high school games (Freshman, C, JV level) as line judges, score keepers, clock operators, etc.

## Physical Education & Health Foundations (8748/8749)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Physical Education emphasizes health, fitness and the development of skills and habits necessary for living an active lifestyle. Ultimately students will be provided with the foundation for making informed decisions that will empower them to achieve and maintain a healthy lifestyle. This is a graduation requirement.

## Weight Training and Conditioning (9213/9214)

Prerequisite: Physical Education Foundations

Grade Level: 10, 11, 12

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will learn the fundamentals of weight room safety, weight/strength training, and conditioning. Students will understand the importance of setting goals for personal improvement and achievement and will leave the class with a lifelong understanding of how to maintain physical fitness for a healthy lifestyle. *This course may be repeated for credit.*

# SOCIAL STUDIES COURSES

AP Modern European History (3403/3404)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

The content of the course is designed to meet the needs of serious history students who wish to study modern European history in depth. Content will include the history of Europe from the Renaissance to the present with emphasis on the global nature of historical events, and political, economic and social issues. Students enrolling in this course should have demonstrated high level reading and writing skills, very strong analytical skills and an ability to work with a minimum of teacher supervision. Requirements will include a major research assignment, additional readings on special topics and a minimum of three major essay assignments per grading period. The score earned on an Advanced Placement exam will have no bearing on the grade earned in an Advanced Placement class

AP Psychology (3712/3713)

Grade Level: 11, 12

Two Semesters – 1.0 credit

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic study of the behavior and mental processes of human beings and other animals. Students are required to complete both semesters to receive credit. The expectation is that students will take the AP exam as a course outcome, however the score earned on an AP exam will have no bearing on the grade earned in this course.

African American History (3621)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

Provides students an opportunity to examine the Black American experience from 1619 to present day, through a critical lens of comparison and contrast.

Exploring Social Justice (3985)

Grade Level: 11, 12 Two semesters—1.0 Credit

Students will be presented with the ability to understand and analyze struggles and inequities associated with ability, age, gender, sexuality, racism, ethnicity, and class. This course may be repeated for credit.

Psychology (3700)

Grade Level: 11, 12

One Semester – 0.5 credit

This course is designed to introduce the student to the major concepts of psychology. Students will learn the basic theories of psychology and apply them to various behaviors that we study.

Sociology (3800)

Grade Level: 11, 12

One Semester - 0.5 credit

This semester-long course is designed to introduce the student to the major concepts of sociology. Students will learn the basic theories of sociology in the study of human social behavior and interaction.

# TECHNICAL EDUCATION COURSES

## Advanced Production Blueprint Reading (7426)

Prerequisite: Production Blueprint Reading

Grade Level: 10, 11, 12

One Semester – 0.5 credit

A technical level course designed to develop advanced technical communications skills used to interpret manufacturing production drawings including blueprints, schematics and other trade prints. Free college credit through WSU Tech is available.

## Aerospace Engineering (7905/7906)

Prerequisite: Principles of Applied Engineering

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

In this course, students apply math, reading and writing skills by using engineering principles that applies to aerospace engineering. This is a specialized course that involves use of technology to solve engineering problems.

## Agriscience (4117/4118)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

Students will gain foundational knowledge in a wide range of agricultural topics, including plant and animal science, natural resource and environmental issues, food production and technology, business operations and management, and the careers available in the agricultural industry.

## Animal Health/Vet Tech (4125/4126)

Prerequisite: Animal Science

Grade Level: 11, 12

Two Semesters – 1.0 credit

This is a technical level course in the Animal Science pathway. Animal Health/Vet Tech presents in depth information about animal health, anatomy and physiology, various animal body systems, veterinary practices, ethics of animal care, time management and work ethics.

## Animal Science (4119/4120)

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

This is a technical level course in the Animal Science pathway. To help students better understand animal science, students will study species origins and classifications animal anatomy and physiology, prevention and treatment of animals, animal reproduction and breeding, animal safety and handling, and environmental conditions.

## Aviation Fundamentals (7143F)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credits

Students will build an introductory understanding of aviation history, principle of flight, airplane configuration, materials and processes, and aviation safety.

### Electrical & Security Systems (7428)

Prerequisite: Advanced Production Blueprint Reading

Grade Level: 11, 12

One Semester - 0.5

This course is designed to provide students with the knowledge and skills needed to install, troubleshoot and maintain electrical and security systems. Students who have an interest in being Electricians, Electrical Engineers, Architectural Engineers, Electrical Technicians, Project Managers for Construction Companies, and Electrical Systems trouble shooters would enjoy this class.

### Engineering Design and Development (7043/7044)

Prerequisite: Principles of Applied Engineering, Introduction to Engineering Design

Grade Level: 11, 12

Two Semesters – 1.0 credit

Engineering Design and Development is a senior level course involving two-to four-person teams that research an open-ended problem and then design and construct a solution. Each team must submit progress reports and a final research paper. Not repeatable for credit.

### Foundations of Electronics (7159/7160F)

Prerequisite: Aviation Fundamentals

Grade Level: 10, 11, 12

Two semesters - 1.0 credit

Students will gain technical skills related to electronic fundamentals of both DC and AC circuitry.

### Hand and Power Tools (7157F)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credits

Students will gain a working knowledge of the hand and power tools used in aviation and manufacturing through hands-on learning activities.

### Horticulture (4121/4022)

Prerequisite: Agriscience

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

In Horticulture I, a technical level course, students will study horticulture industry and career opportunities, plant structure and growth processes, soils and soil fertility, and plant genetics and propagation. Other topics include weed and disease control, basic greenhouse practices, vegetable gardening, and workplace skills and resource management.

### Hydraulic & Pneumatics (7427)

Prerequisite: Mechanical Power Systems

Grade Level: 11, 12

One Semester – 0.5

Students who want to work in aircraft, car repair, mechanical engineering, aircraft engineering, or heavy machinery maintenance and repair will enjoy this type of class. The class will provide students with advanced knowledge and skills in operating, maintain and troubleshooting hydraulic and pneumatic systems.

### Introduction to Agriculture (4115)

Grade Level: 9, 10, 11, 12

One Semester – 0.5

This course introduces students to a wide array of topics within the agriculture industry, the various types of agriculture and career opportunities. Students will explore the business side of agriculture, plant and animal system, natural resources and environmental issues, and decision making and problem solving.

### Introduction to Engineering Design (7041/7042)

Grade Level: 9, 10, 11, 12

Two Semesters – 1.0 credit

This is an introductory course that develops student's problem-solving skill, with an emphasis on visualization and communication and 3-D solid modeling software. Students need to demonstrate a readiness for algebra 1.

### Intro to Industrial Technology (7470)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

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

### Mechanical Power Systems (7425)

Prerequisite: Advanced Production Blueprint Reading

Grade Level: 10, 11, 12

One Semester – 0.5 credit

A technical level course designed to provide students with knowledge and skills needed to adjust and maintain various mechanical systems including hydraulics, pneumatics, gears and belt drives and motors.

### Principles of Applied Engineering (7251/7252F)

Prerequisite: Introduction to Engineering Design

Grade Level: 10, 11, 12

Two Semesters – 1.0 credit

This is a broad-based survey course to help students understand engineering and engineering technology and to explore career options. Theoretical and hands-on problem solving are emphasized. Freshmen need to demonstrate a readiness for Algebra 1. Sophomores and above must have passed Algebra 1 with a "C" or higher or obtain teacher approval.

### Production Blueprint Reading (7423)

Grade Level: 9, 10, 11, 12

One Semester – 0.5 credit

An introductory level course designed to provide students with the knowledge and ability to interpret blueprints from a variety of industrial applications. Free college credit through WSU Tech is available.