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**2017-2018 CURRICULUM GUIDE**

## 2017-2018 TEST DATES

<b>ACT</b>	<b>PSAT (optional)</b>	<b>END OF COURSE</b>
<a href="http://www.act.org">www.act.org</a>	10th/11th grade	Algebra I
September 10, 2017	October 2017	Algebra II
October 28, 2017		Geometry
December 9, 2017	<b>AP</b>	English I
February 10, 2018	<a href="http://www.collegeboard.com">www.collegeboard.com</a>	English II
April 14, 2018	AP exams take place over	English III
June 9, 2018	a two-week time span in	US History
	May each school year.	Biology
		Chemistry

# CURRICULUM GUIDE OVERVIEW

With a deep commitment to our mission and beliefs, we take pride in offering the following course choices to our students. The curriculum guide is intended to help each student and his/her parent/guardian prepare a four-year educational plan.

The information in this guide is current as of January 2017. Changes are likely to occur after publication.

Graduation Requirements and Programs of Study are listed with their focus area course descriptions in the following pages. It is important to plan wisely. The choices you make during registration will determine your classes next year. Each course request you make is a factor when school officials set budgets for educational needs. Schedule adjustments are for necessary changes only, such as meeting graduation requirements.

Four-year plans will be reviewed each year at registration time with a counselor and in the fall during scheduled counselor meetings.

## TESTING

### End of Course Testing

End of Course exams will be administered at the completion of courses as determined by the Tennessee Department of Education. The exams count as a percentage of the final grade for these classes.

Includes: Algebra I, Algebra II, Geometry, English I, English II, English III, US History, Biology, Chemistry.

### ACT

This exam is mandatory for all 11<sup>th</sup> grade students. It will be given on a school day and scores will be reportable for college admission.

## TYPES OF DIPLOMAS

The **Regular High School Diploma** will be awarded to students who earn the 23 required credits as outlined.

**Graduation with Honors** – Students who score at or above all of the subject area readiness benchmarks on the ACT or equivalent score on the SAT.

**Graduation with Distinction** – Students who attain a B average and complete at least one of the following:

- Earn a nationally recognized industry certification.
- Participate in at least one of the Governor’s Schools.
- Participate in one of the state’s All State musical organizations.
- Be selected as a National Merit Finalist or Semi-Finalist.
- Attain a score of 31 or higher composite score on the ACT.
- Attain a score of 3 or higher on at least two advanced placement exams.
- Successfully complete the International Baccalaureate Diploma Programs.
- Earn 12 or more semester hours of transcribed postsecondary credit.

## GRADUATION REQUIREMENTS

### Core:

English	4 credits
Math*	4 credits
Science	3 credits
Social Studies	3 credits
Wellness	1.5 credits
Foreign Language	2 credits
Fine Art	1 credit
Personal Finance	.5 credit
Elective Focus	3 credits
Additional Elective	1 credit

**Total** **23 credits**

*\*Must have math all 4 years.*

## COUNSELING CENTER

The Stewarts Creek High School Counseling Department offers many services to the students and faculty. Counselors are key players during this critical time of planning course work for the upcoming year, and students and parents are encouraged to contact their counselor with any questions.

**Special Note:** Any student who plans to enroll in college as a freshman and participate in Division I or II intercollegiate athletics must be certified by the NCAA Initial Eligibility Clearinghouse. To be certified by the Clearinghouse, a student must meet several criteria. Students should apply for certification after their junior year if they are sure they wish to participate in intercollegiate athletics. Go online at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net) for more information and to register with the Clearinghouse.

# COURSES

## AGRICULTURE: PAGE 6

Course Name	Credit
Agriscience	1
Principles of Plant Science and Hydroculture	1
Introduction to Plant Science	1
Landscaping & Turf Science	1

## AUTOMOTIVE COLLISION REPAIR: PAGE 6

Course Name	Credit
Introduction to Collision Repair	1
Collision Repair: Non-Structural	2
Collision Repair: Painting & Refinishing	2

## BROADCASTING AND AUDIO PRODUCTION: PAGES 6-7

Course Name	Credit
A/V Production I	1
A/V Production II	2
A/V Production III	1
A/V Production Applied Arts Practicum	1
Introduction to Audio Production	1
Audio Recording	1
Event Audio	2
Audio Production Applied Arts Practicum	1

## BUSINESS AND MARKETING: PAGES 7-9

Course Name	Credit
Introduction to Business & Marketing	1
Entrepreneurship Foundations	½
Computer Applications	½
Business Management	1
Marketing I / Marketing I Honors	1
Marketing II	1
Event Planning & Management	1

Entrepreneurship I	1
Entrepreneurship II	1
Entrepreneurship Practicum	1
Advertising & Public Relations	1
Honors Virtual Enterprise I/II	1-2
Personal Finance	½
Accounting I	1
Accounting II	1
Advance Accounting	1
Work-Based Learning	1-2

## COSMETOLOGY: PAGES 9-10

Course Name	Credit
Cosmetology I	1
Cosmetology II	1
Cosmetology III	1
Cosmetology IV	1

## CRIMINAL JUSTICE: PAGE 10

Course Name	Credit
Principles of Law	1
Criminal Justice I	1
Criminal Justice II	1
Criminal Justice III	1

## CULINARY ARTS: PAGES 10-11

Course Name	Credit
Culinary Arts I	1
Culinary Arts II	2
Culinary Arts III	1
Culinary Arts IV	1-2

## HEALTH SCIENCE: PAGES 11-12

Course Name	Credit
Health Science Education	1
Medical Therapeutics	1
Rehabilitation Careers	1
Exercise Science	1
Anatomy & Physiology	1
Dental Science	2
Nursing Education	2
Clinical Internship	1

## INFORMATION TECHNOLOGY: PAGE 12

Course Name	Credit
Information Technology Foundations	1
Computer Systems	1
Networking	1
I.T. Clinical	1

## VETERINARY SCIENCE: PAGES 12-13

Course Name	Credit
Agriscience	1
Veterinary Science	1
Small Animal Care	1
Large Animal Care	1
Wildlife Management	1

## ENGLISH: PAGES 13-15

Course Name	Credit
English I	1
Honors English I	1
Advanced Honors English I	1
English II	1
Honors English II	1
Advanced Honors English II	1
English III	1
Honors English III	1
AP English III	1
English IV	1
Honors English IV	1
AP English IV	1
Southern Literature	½
Yearbook	1
Creative Writing	1
Journalism	1

## WORLD LANGUAGES: PAGES 15-16

Course Name	Credit
French I	1
French II	1
Honors French II	1
Advanced Honors French III	1
Advanced Honors French IV	1
Latin I	1

Latin II	1
Honors Latin II	1
Advanced Honors Latin III	1
Advanced Honors Latin IV	1
Spanish I	1
Spanish II	1
Honors Spanish II	1
Advanced Honors Spanish III	1
Advanced Honors Spanish IV	1

**MATHEMATICS: PAGES 16-18**

Course Name	Credit
Integrated Math I	1
Honors Integrated Math I	1
Integrated Math II	1
Honors Integrated Math II	1
Adv Hon Integrated Math II	1
Integrated Math III	1
Honors Integrated Math III	1
Adv Hon Integrated Math III	1
Algebra II	1
Honors Algebra II	1
Advanced Honors Algebra II	1
Geometry	1
Honors Geometry	1
Advanced Honors Geometry	1
Bridge Math	1
Applied Mathematical Concepts	1
Honors Pre-Calculus	1
Adv Hon Pre-Calculus	1
AP Calculus AB / BC	1
Honors Statistics	1
AP Statistics	1

**SCIENCE: PAGES 18-20**

Course Name	Credit
Biology	1
Honors Biology	1
Advanced Honors Biology	1
AP Biology II	1
Chemistry	1
Honors Chemistry	1
Adv Hon Chemistry	1
AP Chemistry II	1

Physical Science	1
Honors Physical Science	1
Physics	1
Honors Physics	1
Modern Physics	1
AP Physics	1
Environmental Science	1
Honors Environmental Technologies	1
AP Environmental Science	1
Principles of Technology I	1
Principles of Technology II	1
Honors Anatomy & Physiology	1
Honors Earth Science	1

**SOCIAL STUDIES: PAGES 20-21**

Course Name	Credit
World History & Geography	1
Hon World History & Geo	1
Adv Placement Human Geo	1
US History & Geography	1
Honors US History & Geo	1
AP US History	1
US Government	1/2
AP US Government & Politics	1/2
Economics	1/2
Psychology	1/2
AP Psychology	1
Sociology	1/2
Bible	1
Tennessee History	1
Contemporary Issues	1

**FINE ARTS: PAGES 22-24**

Course Name	Credit
Visual Art I	1
Drawing & Painting	1
Clay I	1
Clay II	1
Art III	1
Art IV	1
Comic Book 101	1
Introduction to Theater	1
Film & TV Appreciation	1
Basic Acting	1

Stagecraft	1
Advanced Acting & Directing	1
Theater Design	1
Theater Projects	1
Giovani Voci	1
Bella Voce	1
Bel Canto	1
Meistersingers	1
Concert Band	1
Symphonic Band	1
Wind Ensemble	1
Jazz Band I / Jazz Band II	1
Percussion	1
Color Guard	1

**HEALTH & PHYSICAL EDUCATION: PAGE 25**

Course Name	Credit
Physical Education I	1
Physical Education II	1/2
Lifetime Wellness	1
Driver Training	1/2
JROTC I	1
JROTC II	1
JROTC III	1
JROTC IV	1
JROTC IX	1

**SPECIAL COURSES: PAGE 26**

Course Name	Credit
ACT 21	1/2
Mythology	1/2
Peer Tutoring	1
Work-Based Learning	1-2
Teacher Aide	1
Office Aide	1

**DUAL ENROLLMENT: PAGE 26**

Course Name	Credit
English 1010	1/2
English 1020	1/2
Communication 2200	1/2
Psychology 1410	1/2
Economics 2410	1/2

# COURSE DESCRIPTIONS: CAREER & TECHNICAL EDUCATION

## AGRICULTURE

### AGRISCIENCE

**Credit:** 1  
**Grade:** 9-10

Agriscience consists of standards to prepare students for biology and subsequent sciences for the university bound student. The course covers ecology, biological processes, sexual and asexual reproduction, and a study of the chemical and physical laws that govern life. The course includes leadership and personal development skills through FFA membership. Agriscience satisfies one credit of life science laboratory credit.

### PRINCIPLES OF PLANT SCIENCE AND HYDROCULTURE

**Credit:** 1  
**Prerequisite:** Agriscience  
**Grade:** 10-11

Principles of Plant Science and Hydroculture focuses on essential knowledge and skills related to science and plant growth. This course covers principles of plant, health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics. This is the second course in the Horticulture Science program of study.

### INTRODUCTION TO PLANT SCIENCE

**Credit:** 1  
**Prerequisite:** Agriscience  
**Grade:** 10-12

The Introduction to Plant Science course covers principles of greenhouse structures, plant health and growth, growing media, greenhouse crop selection and propagation, and management techniques. It provides students with the technical knowledge and skills needed to prepare for further education and careers in horticulture production. Introduction to Plant Science is a dual credit course with statewide articulation.

### LANDSCAPING & TURF SCIENCE

**Credit:** 1  
**Prerequisite:** Agriscience  
**Grade:** 11-12

This course prepares students for creating beautiful environments for homes and businesses. This study includes site analysis and preparation, landscape drawing, plant selection, and installation. Maintenance of healthy attractive landscapes and turf areas will be emphasized. With the increase of urban sprawl these career opportunities are increasing daily. Plant science and leadership skills taught in this class will prepare students to meet the demands of this exciting industry.

See Also: *Veterinary Science - See Page 12*

## AUTOMOTIVE COLLISION REPAIR

### INTRODUCTION TO COLLISION REPAIR

**Credit:** 1  
**Grade:** 9-10

This course prepares students for entry into all subsequent transportation courses. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills, and workplace success skills. Students study safety, tools, equipment, shop operations, and basic technician skills.

### COLLISION REPAIR: NON-STRUCTURAL

**Credit:** 2 (Block)  
**Prerequisite:** Introduction to Collision Repair  
**Grade:** 10-12

This course prepares students to analyze non-structural collision damage to a vehicle, determine the extent of the damage and the direction of impact, initiate an appropriate repair plan, and correctly use equipment to fit metal to a specified dimension within tolerances. Course content includes metal finishing, body filling, and glass panel replacements. The course prepares students for entry level employment and advanced training in collision repair technology and post-secondary education.

### COLLISION REPAIR: PAINTING & REFINISHING

**Credit:** 2 (Block)  
**Prerequisite:** Collision Repair: Non-Structural  
**Grade:** 10-12

This course prepares students to use plastics and adhesives in the repair and refinish processes and to apply automotive paint to a vehicle. Students learn to diagnose automotive paint finish problems and to perform the appropriate manufacturer-required techniques and processes to refinish the affected area or the complete vehicle. Course content provides the student with training in mixing, matching, and applying paint and finish to vehicles, as well as the application of plastics and adhesives in the repair and refinish processes. The course prepares students for entry level employment and advanced training in collision repair technology and post-secondary education.

## BROADCASTING & AUDIO PRODUCTION

### A/V PRODUCTION I

**Credit:** 1  
**Prerequisite:** None  
**Grade:** 9-10

This course is the entry-level course to prepare students for the media industry. Course content provides a broad-based exposure to audio, video, journalism, and broadcasting within the media industry.

## **A/V PRODUCTION II**

**Credit:** 2 (Block)

**Prerequisite:** A/V Production I

**Grade:** 10-11

This course focuses on electronic media production technologies utilizing simulated and/or real-life projects. The course content centers on production of various products, including commercials, news, music, interactive and industrial programming. The student will gain valuable insight into the many facets of production, including - but not limited to - concept creation, scripting, sound design, visual design, engineering, editing, budgeting, and producing, etc.

## **A/V PRODUCTION III**

**Credit:** 1

**Prerequisite:** A/V Production II

**Grade:** 11-12

This course focuses on simulated real-life electronic broadcasting media production and management activities and productions. Projects center on in-house production of newscasts, special events, and original programming. Course content is composed of scripting, broadcasting, reporting, directing, editing, budgeting, and producing, as well as cameras, lights, sound, and set design.

## **A/V PRODUCTION APPLIED ARTS PRACTICUM**

**Credit:** 1

**Prerequisite:** A/V Production III

**Grade:** 11-12

The A/V Production Practicum is a project-based class that allows students to focus in on areas of A/V they would like to grow in and/or master. Students will choose different areas related to A/V and become extremely proficient in those areas as a specialist while drawing on the broad skills acquired from previous classes.

## **INTRODUCTION TO AUDIO PRODUCTION**

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-10

Introduction to audio is designed to give students an insight into how sound is created and how to control it using industry equipment. Students will learn the math and science behind sound and audio. Basic skills of how to work an audio mixer, different microphones and software programs like Garageband are primary focuses. Students will also develop a better understanding of how all of the music they listen to is created. Various career paths that involve audio will be explored.

## **AUDIO RECORDING**

**Credit:** 1

**Prerequisite:** Introduction to Audio Production

**Grade:** 10-11

Audio recording uses the skills learned in Intro to Audio to guide students through the process and technical aspects of creating a commercial ready project like set up, mix down and mastering. Using industry standard software like Pro Tools, students will learn to edit audio for music and other formats. Students will have the chance to record and complete a full one song project with the potential of being published to sales outlets like Google Play and iTunes.

## **EVENT AUDIO**

**Credit:** 2 (Block)

**Prerequisite:** Audio Recording

**Grade:** 11-12

Event Audio adds to the skills taught in the previous audio courses and applies them to audio intended for a live audience. This includes learning how to provide audio for installations, concerts, corporate events and other live activities. Students will provide audio support for pep rallies, award shows, school musicals and other school events.

## **AUDIO PRODUCTION APPLIED ARTS PRACTICUM**

**Credit:** 1

**Prerequisite:** Event Audio

**Grade:** 11-12

The Audio Production Practicum is a project-based class that allows students to focus in on areas of audio they would like to grow in and/or master. Students will choose different areas related to audio and become extremely proficient in those areas as a specialist while drawing on the broad skills acquired from previous classes.

# **BUSINESS & MARKETING**

## **INTRODUCTION TO BUSINESS & MARKETING**

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-10

Students are introduced to the basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers in this core course. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. This is the foundational course for all Business Management & Administration, Marketing, and Finance programs of study.

## **ENTREPRENEURSHIP FOUNDATIONS**

**Credit:** 1/2

**Prerequisite:** None

**Grade:** 9

Thinking about being your own boss one day? Enroll in this class to begin a unique experience, the first of its kind offered at the high school level! You will actually be running your own business during your senior year! Whether you are passionate about cosmetology, culinary arts, automotive work, business, or information technology, this course is your way to get ready!

## **COMPUTER APPLICATIONS**

**Credit:** 1/2

**Prerequisite:** None

**Grade:** 9-10

Make high school life easier! Compete in real world jobs! This course is designed to develop computer technology skills. Through fun projects, learn computer software like Microsoft Word, Excel and PowerPoint. Develop skills for the efficient production of word processing documents, spreadsheets, databases, and presentations. Explore the social, business, and ethical issues of using computer technology.

## **BUSINESS MANAGEMENT**

**Credit:** 1

**Prerequisite:** None

**Grade:** 11-12

This course focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. Students will learn about business organizations, ethical and legal responsibilities, communication and decision making, and personnel and safety for an ongoing business. Additional reading in management journals and participation in a business simulation is required.

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## **MARKETING I / MARKETING I HONORS**

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-10

*Course Substitution: Economics*

Do you want a successful career in marketing, or do you want to own your own business one day? If so, we have the class for you. Marketing I will teach you how to market your products or business successfully, how to establish a competitive edge in today's global economy, how the economy affects businesses, prices, and employees, and how to conduct a professional interview. It also gives you the opportunity to join one of the largest student organizations in the nation "DECA". Leadership and communications skills are emphasized in this course.

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## **MARKETING II**

**Credit:** 1

**Prerequisite:** Marketing I

**Grade:** 11-12

Are you interested in Marketing as a career? Do you have leadership qualities or wish to develop them? Members of this select group will learn about managing a marketing team. Students will work together in teams and individually on fun projects. Experience product testing through designing focus groups. Create interesting new "products," write about innovative people and businesses. Be eligible to join one of the largest student organizations in the nation, "DECA". Other topics of study include management, entrepreneurship, purchasing, and pricing.

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## **EVENT PLANNING & MANAGEMENT**

**Credit:** 1

**Prerequisite:** Two Business/Marketing Credits

**Grade:** 11-12

Do you wonder what it takes to plan a major event? How do the Titans or the Predators pull together a big game? Maybe you want to learn how to plan a wedding or learn project management for a Fortune 500 company to earn a lot of money someday? Event Planning & Management is designed to be a project-based, capstone experience in which students will research, prepare, deliver, and reflect on real-life events to enhance career potential.

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## **ENTREPRENEURSHIP I / ENTREPRENEURSHIP I HONORS**

**Credit:** 1

**Prerequisite:** Marketing I

**Grade:** 10 (Honors: 11-12)

This active, project based class teaches students the foundational steps to owning a business. Create new "products," promote imaginary businesses, think outside of the box! Explore new ideas! Investigate the culture, values, and history of entrepreneurship. Integrate technology while experiencing extensive opportunities for problem solving experiences through imagination, critical analysis, and application.

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## **ENTREPRENEURSHIP II**

**Credit:** 1

**Prerequisite:** Entrepreneurship I

**Grade:** 11-12

Interested in creating a business from the ground up? Perhaps you would like to make a direct impact to your school environment! If so, Entrepreneurship II is the class for you! Students in this course will be in the unique position of creating a brand new business enterprise at SCHS. Students will manage, direct, and run this new business on a daily basis; providing students with actual job experiences, including the following: accounting, human resources, customer service, management, marketing, and legal issues influencing businesses today. The course will be a hands-on capstone experience for students wishing to fine-tune their entrepreneurial skills.

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## **ENTREPRENEURSHIP PRACTICUM**

**Credit:** 1

**Prerequisite:** Two Business/Marketing Credits

**Grade:** 11-12

Students in this course are able to work in the Stewarts Creek Marketplace at the back of the cafeteria. Stores include a bank, print shop, retail store, and coffee shop. Learn how to run a business through hands on experience. This class provides a fun opportunity to gain real life work experience that will look terrific on a college application or job resume. Students collaborate as a team, learn customer service skills, and problem solve while working in a creative, exciting environment.

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## **ADVERTISING & PUBLIC RELATIONS**

**Credit:** 1

**Prerequisite:** Marketing I

**Grade:** 11-12

Some people watch The Super Bowl for football, but everyone watches the commercials! Learn about the creative side of the marketing industry. Explore consumer behaviors: Why do people buy things? How can you motivate them? Promote products, services, ideas, and events. Complete this course, and you will have a completed electronic portfolio of course projects that looks great on an application or resume!

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## HONORS VIRTUAL ENTERPRISE I/II

**Credit:** 1-2

**Prerequisite:** Any Business/Marketing Course

**Grade:** 11-12

Virtual Enterprise (VE) is a simulated business environment. VE students will be involved in actual on-the-job work experiences, including accounting, personnel administration, management, and marketing. The only difference between the VE and an actual business is that no material goods are produced or legal tender exchanged. However, services will be provided. Working teams of students will develop and enhance oral and written communication skills through initiative, responsibility, and creativity. The course will link learning to application and real life experiences. The goal is to create a learning environment that, through a series of activities, integrates school and workplace to enhance learning. Laboratory facilities and experiences simulate those found in business and industry.

*VE satisfies the graduation requirement for Economics.*

## PERSONAL FINANCE / PERSONAL FINANCE HONORS

**Credit:** 1/2

**Prerequisite:** None

**Grade:** 11-12

Designed to inform students about successful choices in income, money management, debt and credit management, and saving and investing. Additional reading and projects are required.

## ACCOUNTING I

**Credit:** 1

**Prerequisite:** None

**Grade:** 10-12

Accounting I is a course for students who wish to pursue careers in business and finance, or for those who wish to develop important skillsets related to financial literacy. Whether students aspire to be future business owners or work in finance with other companies, accounting skills are fundamental to success and applicable in many different fields. Students develop skills to analyze business transactions, journalize, post, and prepare worksheets and financial statements. Upon completion of this course, proficient students will be prepared to apply their accounting skills in more advanced courses.

## ACCOUNTING II

**Credit:** 1

**Prerequisite:** Accounting I

**Grade:** 11-12

Accounting II is an advanced study of concepts, principles, and techniques used by businesses to maintain electronic and manual financial records. This course expands on content explored in Accounting I to cover the accounting processes of a variety of different firms, including merchandising, manufacturing, and service-oriented businesses. Upon completion of this course, students will be prepared for postsecondary study and completion can lead to a work-based learning (WBL) experience as the program of study capstone.

## ADVANCED ACCOUNTING

**Credit:** 1

**Prerequisite:** Accounting II

**Grade:** 11-12

Advanced Accounting uses an integrated approach to teach accounting. This course covers all the learning objectives of a traditional college level financial accounting course, plus those from a managerial accounting course. Topics include an introduction to accounting, accounting information systems, time value of money, and accounting for merchandising firms, sales and receivables, fixed assets, debt and equity. Upon the completion of this course with a grade of either A or B, students will have a chance to take an assessment and receive college credit from Kansas State University.

## WORK-BASED LEARNING

**Credit:** 1-2

**Prerequisite:** Currently enrolled in business/marketing class and currently employed in relatable job. Application approval required.

**Grade:** 11-12

Students work off-campus, supervised by a SCHS work-based learning coordinator.

## COSMETOLOGY

### COSMETOLOGY I

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-10

Cosmetology I is the foundational course in the Human Services career cluster for students interested in learning more about becoming a cosmetologist. Upon completion of this course, proficient students will gain knowledge in the fundamental skills in both theory and practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to attain a Tennessee Cosmetology License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

### COSMETOLOGY II

**Credit:** 1

**Prerequisite:** Cosmetology I

**Grade:** 10-11

Cosmetology II is the second course in the Cosmetology program of study intended to prepare students for careers in cosmetology by developing an understanding of efficient and safe work practices, nail procedures, hair design, and chemical services. Students will gain experience in practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to attain a Tennessee Cosmetology License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

### **COSMETOLOGY III**

**Credit:** 1

**Prerequisite:** Cosmetology II

**Grade:** 11-12

Cosmetology III is the third course in the Cosmetology program of study intended to prepare students for careers in cosmetology by developing an understanding of efficient and safe work practices, salon business concepts and operations, advanced hair techniques and chemical services, and facial and skin care procedures. Students will gain experience in practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to attain a Tennessee Cosmetology License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

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### **COSMETOLOGY IV**

**Credit:** 1

**Prerequisite:** Cosmetology III

**Grade:** 11-12

Cosmetology IV (begins 2018-2019) is the capstone course in the Cosmetology program of study intended to prepare students for careers in cosmetology by developing an understanding and practical skills in efficient and safe work practices, career and business analysis, advanced hair techniques and chemical services, and state board theoretical and practical application. Proficient students will have applied the full range of knowledge and skills acquired in this program of study toward experiences in practical applications of cosmetology practices as approved by the instructor. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to attain a Tennessee Cosmetology License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

## **CRIMINAL JUSTICE**

### **PRINCIPLES OF LAW**

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-11

Principles of Law is an introductory course designed to prepare students to pursue careers in the fields of law enforcement, legal services, corrections, and security. Upon completion of this course, a proficient student will be able to identify careers in these fields, summarize the laws that govern the application of justice, and draw key connections between the history of the criminal justice system and the modern legal system. In addition, students will model Page 2 the professional, moral, and ethical standards required of professionals in the fields of law, legal services, corrections, and security.

### **CRIMINAL JUSTICE I**

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-11

Students in this first-year criminal justice course will examine the three major parts of the criminal justice system: law enforcement, the courts, and corrections. Students will be given an overview of the roles and careers available in policing; the courtroom workforce, including attorneys; and the operation of jails, prisons and the probation and parole system. This course includes an overview of the laws involved in each of the three parts.

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### **CRIMINAL JUSTICE II**

**Credit:** 1

**Prerequisite:** Criminal Justice I

**Grade:** 10-12

This course will continue the students' look at career roles in the major areas of criminal justice – law enforcement, courts, and corrections. Students in this second-year course will be able to take a closer look at the law, including an in-depth look at constitutional issues affecting professionals in these areas. Students will conduct mock trials and have an opportunity to experience course-related field trips. Criminal Justice II also gives students a look at forensics, including the opportunity to work with mock crime scenes, and the new careers emerging as new technological advances are made.

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### **CRIMINAL JUSTICE III**

**Credit:** 1

**Prerequisite:** Criminal Justice II

**Grade:** 11-12

Criminal Justice III is designed to give students an in-depth look at how professionals in the major areas of criminal justice perform their jobs. This course is heavily focused on research and observation. Students will be given assignments requiring the gathering, evaluation and analysis of information and data in various criminal justice careers. Students will be required to work outside of class on major projects and to make visits to observe criminal justice professionals at work (courthouse, law offices, detention centers). The purpose of this course is to assist students who wish to continue their education and training in a criminal justice field in their preparation for and selection of post-secondary education.

## **CULINARY ARTS**

### **CULINARY ARTS I**

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-11

Culinary Arts I equips students with the foundational knowledge and skills to build upon in the successive courses. Upon completion of Culinary I, proficient students will have knowledge in the components of commercial kitchen safety and sanitation, history of the foodservice industry, careers, nutrition, recipe basics, proper kitchen tools and equipment, and kitchen staples. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects. The course includes, at minimum, 30 hours spent in a commercial kitchen laboratory supporting the Culinary II, III, and IV students in the operation of the student run café.

## CULINARY ARTS II

**Credit:** 2 (Block)

**Prerequisite:** Culinary Arts I

**Grade:** 10-12

Culinary Arts II is an applied-knowledge course to prepare students for entry level positions that lead toward careers in the culinary field. Upon completion of this course, proficient students will have an understating of commercial kitchen safety and sanitation, menu planning, food presentation, purchasing and inventory, preparation skills, cooking principles, and food preparation. Students will gain experience in commercial food production and service operations, while preparing for further training at the postsecondary level. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in mathematics. The course includes regular participation in a commercial kitchen laboratory producing food for sale in the student run café.

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## CULINARY ARTS III

**Credit:** 1

**Prerequisite:** Culinary Arts II

**Grade:** 11-12

Culinary Arts III is an advanced course intended to further equip students with the skills and knowledge needed to pursue a variety of careers in the culinary field. Upon completion of the course, students will be proficient in components of commercial kitchen safety and sanitation, dining room service, food preparation and presentation, bakeshop preparation skills and equipment, and advanced cooking principles. Students will gain experience in commercial food production and service operations, while preparing for further training at the postsecondary level. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in Mathematics. The course includes regular participation in a commercial kitchen laboratory planning and supervising food operations in the student run café.

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## CULINARY ARTS IV

**Credit:** 1-2

**Prerequisite:** Culinary Arts I-III

**Grade:** 12

Culinary Arts IV is the capstone course in the Culinary Arts program of study intended to further equip students with the skills and knowledge needed to pursue a variety of careers in the culinary field. Course content covers the components of commercial kitchen safety and sanitation, food presentation, bakeshop preparation skills, sustainability practices, professionalism, and business opportunities. Upon completion of this course, proficient students will have applied the full range of knowledge and skills acquired in this program of study toward the planning and catering of an event approved by the instructor. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in Mathematics. The course includes regular participation in a commercial kitchen laboratory managing food operations in the student run café and bakeshop.

# HEALTH SCIENCE EDUCATION

## HEALTH SCIENCE EDUCATION

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-10

This is the first class to take for the Health Science pathway. This course is for students who are interested in a career in the medical field. Topics include, growth and development, nutrition, vital signs, medical terminology, first aid and CPR. This course is a prerequisite for Medical Therapeutics and Clinical Internship.

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## MEDICAL THERAPEUTICS

**Credit:** 1

**Prerequisite:** Health Science Education

**Grade:** 10-12

Medical Therapeutics is an applied course designed to prepare students to pursue careers in therapeutic services. Upon completion of this course, a proficient student will be able to identify careers in therapeutics services; assess, monitor, evaluate, and report patient/client health status; and identify the purpose and components of treatments.

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## REHABILITATION CAREERS

**Credit:** 1

**Prerequisite:** Health Science Education

**Grade:** 10-12

This course is designed to prepare students to pursue careers such as athletic training, physical therapy, occupational therapy, exercise science, and other rehabilitation services. Students in this course will learn about careers in rehabilitation services, recognize diseases, disorders or injuries related to rehabilitation services and develop a plan of treatment with appropriate modalities.

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## EXERCISE SCIENCE

**Credit:** 1

**Prerequisite:** Health Science Education

**Grade:** 11-12

This course is designed to prepare students to pursue careers in kinesiology and exercise physiology services. Students enrolled in this course will be able to apply concepts of anatomy and physiology, physics, chemistry, bioenergetics, and kinesiology to specific exercise science scenarios. These students will learn the importance exercise, nutrition, and rehabilitation play in athletes or other patients.

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## ANATOMY AND PHYSIOLOGY

**Credit:** 1

**Prerequisite:** Chemistry, Biology, Medical Therapeutics

**Grade:** 11-12

This course is designed for students who are planning to pursue a career in the medical field. In this course students will learn about the structure and functions of the human body, as well as, diseases and disorders which effect each body system. This course may count as a life science credit.

## DENTAL SCIENCE

**Credit:** 2 (Block)

**Prerequisite:** Health Science Education

**Grade:** 12

Dental Science is an applied course in the Therapeutic Clinical Services program of study intended to prepare students with an understanding of the roles and responsibilities of the dental health care professional within the application of dental care. Upon completion of this course, proficient students will be able to differentiate the many careers in dentistry, assess, monitor, evaluate, and report on the dental health of patients/clients and relate this information to overall health.

## NURSING EDUCATION

**Credit:** 2 (Block)

**Prerequisites:** Health Science, Medical Therapeutics, Anatomy and Physiology, Instructor Approval

**Grade:** 12

Nursing Education is a fourth-year, capstone course for senior students in the Health Science Pathway designed to prepare students to pursue careers in nursing. At the conclusion of this course, if students have logged the required classroom instruction, classroom clinical instruction, and site-based clinical rotations, they are eligible to take the Certified Nursing Assistant (CNA) certification exam. An application and interview process is required for acceptance into the program.

## CLINICAL INTERNSHIP

**Credit:** 1

**Prerequisites:** Health Science, Medical Therapeutics, Anatomy and Physiology, Instructor Approval

**Grade:** 12

Three options of clinical internships are available: Hospital clinical, Dental Science clinical, and rehab clinical. These hands on programs allows students to see real life situations and apply skills and knowledge gained from Health Science and Medical Therapeutics. General medical clinical internship students will rotate through various hospital settings such as the emergency room, intensive care unit, laboratory, radiology, and medical/surgical units. Dental internship students will spend time during the second semester in a dental office. Rehab clinical students will observe in local physical therapy clinics and/or under the school certified athletic trainer. An application process is required along with instructor approval before a student can register for this class.

## INFORMATION TECHNOLOGY

### INFORMATION TECHNOLOGY FOUNDATIONS

**Credit:** 1

**Prerequisite:** None

**Grade:** 9-10

Designed to prepare students with skills for advancement in information technology career paths, this class will consist of three sections including computer hardware and operating systems, network architecture, and web design. Students will gain introductory knowledge of computer systems, computer system components, and operating systems. Students will learn the fundamentals of computer networking: determining

system requirements, setting up equipment, and performing installation for end users. Students will be introduced to website development basics including how to design and publish websites using site development applications as well as advanced multimedia and mobile technologies.

## COMPUTER SYSTEMS

**Credit:** 1

**Prerequisite:** Information Technology Foundations

**Grade:** 10-12

The goal of this course is to provide a thorough, step-by-step process for learning the fundamentals of supporting and troubleshooting computer hardware and operating systems. We examine theoretical concepts that make the world of technology unique while adopting a practical hands-on approach when examining PC development techniques. Additionally, we explore the advancement of technological developments and timeless problem-solving strategies.

## NETWORKING

**Credit:** 1

**Prerequisite:** Computer Systems or Teacher Approval

**Grade:** 11-12

Networking stresses the conceptual and practical skills necessary to design and manage networks. Course content allows students to interconnect workstations, peripherals, terminals, and other networking devices creating an integrated system where all devices speak the same language or protocol. Network cabling, and support structure are included. The course will help prepare students to design, build, and maintain computer networks. Course requirements add networking knowledge for the IT career minded student and give initial preparation for the CompTIA Networking + certification.

## I.T. CLINICAL

**Credit:** 1

**Prerequisite:** Computer Systems and Teacher Approval

**Grade:** 11-12

Designed to be completed in an IT support environment around the school, this course puts to practical use, all of the skills attained in previous courses, and provides the student with valuable hands-on experience. This could also meet the recommended 500 hours work experience to prepare each student to pass the CompTIA A+ exams, certifying them as industry recognized IT Support technicians. Acceptance into program is at the discretion of the instructor.

## VETERINARY SCIENCE

### AGRISCIENCE

**Credit:** 1

**Grade:** 9-10

Agriscience consists of standards to prepare students for biology and subsequent sciences for the university bound student. The course covers ecology, biological processes, sexual and asexual reproduction, and a study of the chemical and physical laws that govern life. The course includes leadership and personal development skills through FFA membership. Agriscience satisfies one credit of life science laboratory credit.

**VETERINARY SCIENCE**

**Credit:** 1  
**Prerequisite:** Agriscience  
**Grade:** 11-12

This course challenges students to use advanced technologies and medical treatments to maintain the health of animals. The animal health industry continues to grow in importance and prominence as more people purchase animals for pleasure and sustenance.

**SMALL ANIMAL CARE**

**Credit:** 1  
**Prerequisite:** Agriscience  
**Grade:** 10-12

This course prepares students for careers in managing and caring for specialty and companion animals. As our population raises more specialty and companion animals for production purposes and personal value, careers that work with these animals in a safe environment will continue to expand.

**LARGE ANIMAL CARE**

**Credit:** 1  
**Prerequisite:** Agriscience  
**Grade:** 10-12

This course provides knowledge and skills needed for successful work (entry level to management) in the

livestock industry. The course will complement a student’s supervised agricultural experience program by providing management tools.

**WILDLIFE MANAGEMENT**

**Credit:** 1  
**Prerequisite:** Agriscience  
**Grade:** 10-12

Wildlife Management is designed for students interested in learning more about becoming good stewards of our environment and natural resources, as an environmental scientist, conservationist, forester, or wildlife manager. This program of study covers environmental impacts, energy consumption, environmental public policy, and fundamental science and management of ecosystems, with special attention given to current agricultural practices that support the healthy and sustainable cultivation of major crops. Upon completion of this POS, students will be prepared for a range of careers associated with the science and management of plants, soils, wildlife, and natural resources.

**COURSE DESCRIPTIONS: ENGLISH**

*Summer reading is required for all advanced honors and Advanced Placement courses.*

**ENGLISH I**

**Credit:** 1  
English I addresses four strands of literacy: Reading, both literary and informational texts; Writing, including research; Listening and Speaking; and Language. Students read a variety of books, fiction and nonfiction, short stories, poetry, drama, literary nonfiction and informational texts. Writing involves the modes of narrative, informative/explanatory, and argument/opinion with an emphasis on providing relevant and ample evidence to support a claim. Students have regular opportunities to conduct both limited and extended research and to share their findings in a variety of ways, including technology-based presentations, whole and small group discussions, and written products. This course continues to develop language knowledge and skills, enabling students to write and speak in registers appropriate to the purpose and audience.

**HONORS ENGLISH I**

**Credit:** 1  
Students in English I Honors and Advanced Honors have demonstrated above grade-level skills in reading and writing and an ability to work independently and collaboratively. As in English I, students read a variety of increasingly complex texts and write in various modes, with the additional expectation of extended reading, writing, and research. Students must successfully complete at least one or more extended reading and writing assignments related to the quarter’s content.

**ADVANCED HONORS ENGLISH I**

**Credit:** 1  
Students in English I Honors and Advanced Honors have demonstrated above grade-level skills in reading and writing and an ability to work independently and collaboratively. As in English I, students read a variety of increasingly complex texts and write in various modes, with the additional expectation of extended reading, writing, and research. Students must successfully complete at least one or more extended reading and writing assignments related to the quarter’s content.

**ENGLISH II**

**Credit:** 1  
This course is a review and continuation of grammar fundamentals, introduction to paragraph writing, and a study of representative English, world, and American literature. Students will continue to develop research skills. Besides varied selections of poems, short stories, and non-fiction, the course also includes the study of a novel and a Shakespearean play. Summer reading is optional.

## HONORS ENGLISH II

**Credit:** 1

This course includes a review of the mechanics of grammar, an in-depth analysis of all genres of world literature, the expansion of advanced vocabulary skills, a concentration of expository, narrative, descriptive and creative writing, and the on going development of research skills. Works of literary merit are recommended as summer reading in addition to a parallel reading program during the year.

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## ADVANCED HONORS ENGLISH II

**Credit:** 1

This course is part of the sequential program leading to the Advanced Placement Language and Composition/Advanced Placement Literature and Composition class taken during the junior/senior year. In addition to the honors curriculum, this course requires a greater depth of analysis and accelerated reading; summer reading is required.

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## ENGLISH III

**Credit:** 1

The English III literature study consists of a chronological survey of American literature. A continuing study of grammar emphasizes the mastery of sentence structure, mechanics, and vocabulary. Composition assignments include the writing of paragraphs, a research essay, and book reports culminating in the Tennessee Writing Assessment. Summer reading is optional.

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## HONORS ENGLISH III

**Credit:** 1

The English III Honors program is designed for the accelerated student who wishes to concentrate on the reading of selected literary works and to develop composition and analytical skills. In addition to the chronological survey of American literature and the required summer reading of American classics, this course will emphasize an in-depth analytical study of works of literary merit. Commensurate analytical essays, an accelerated vocabulary program, and independent study will be utilized. Research skills will continue to be utilized.

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## ADVANCED PLACEMENT ENGLISH III LANGUAGE AND COMPOSITION

**Credit:** 1

Advanced Placement English III offers the accelerated student the challenge of analyzing works of literary merit written by American authors and responding to the works in compositions. Students may take the Advanced Placement English Language and Composition exam for college credit. Summer reading is required.

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## ENGLISH IV

**Credit:** 1

This course is a survey of British literature with composition stemming from the study and analyses of the works of major British writers. This course focuses upon writing short compositions and a major research paper. Summer reading is optional.

## HONORS ENGLISH IV

**Credit:** 1

The English IV Honors course offers the accelerated student the opportunity to focus on reading works of literary merit by British writers and to refine composition and analytical skills. Composition consists of personal essays, argumentative essays, and analytical essays. Accelerated vocabulary study and research methods are a vital part of the course. Additional works of literary merit are required for summer reading.

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## ADVANCED PLACEMENT ENGLISH IV LITERATURE AND COMPOSITION

**Credit:** 1

Advanced Placement English focuses on critical analysis of literature through writing assignments. Students are encouraged to develop critical standards for independent appreciation of literary works and sensitivity to literature as a shared experience. Additional works of literary merit are required for summer reading. Works of literary merit are read during the year, followed by analytical writing and discussion. Students also study accelerated vocabulary and write a research paper on a major literary work. Students have the option of taking the nationwide Advanced Placement Examination administered by the College Board.

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## SOUTHERN LITERATURE

**Credit:** 1/2

**Prerequisite:** English III

This is a one-semester course, focused on Southern writers, Southern literature, and Southern culture. However, these texts cover a wide variety of themes and topics that the class will explore in discussion, presentations, and written assignments. Some questions to be covered will include: What is the South? Where is society's notion of the South? Why does anyone study Southern Literature? A large degree of student participation in each class is expected. Instruction will be kept to a minimum, and students will be expected to lead the class discussions and to participate in discussions regularly. The reading load will be fairly heavy, and students are expected to read and be prepared for each class. This is a Senior-based literature course, meaning expectations will be high, especially in regard to literary analysis as well as written performance.

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## YEARBOOK

**Credit:** 1

**Prerequisite:** Application and Teacher Approval

Yearbook is a two-semester, elective course that requires students to plan, develop, market, publish, and distribute the school yearbook. Students, with the help of the yearbook advisor, participate in all aspects of yearbook development and publication. This course also provides the opportunity to develop diverse journalistic, technology, business, and life skills like working with advanced technology, strengthening analytical and problem-solving skills, improving communication skills, and managing responsibility. Students will learn to use InDesign, Photoshop, and Yearbook Avenue online to produce and publish the school yearbook.

**CREATIVE WRITING**

**Credit:** 1

**Prerequisite:** English II

Creative Writing is a course in which students study, analyze, create literary composition in a variety of genres, and publish their work.

**JOURNALISM**

**Credit:** 1

**Prerequisite:** Application and Teacher Approval

The journalism staff produces six to eight monthly editions of the school newspaper - striving for journalistic integrity in all aspects of the newspaper business, with a special emphasis on overall quality and accuracy.

**COURSE DESCRIPTIONS: WORLD LANGUAGES**

**FRENCH I**

**Credit:** 1

**Prerequisite:** None

Students will learn the basics of speaking and understanding French so they can communicate with French speakers and fellow students in areas such as home and family, the school day, food and cooking, travel situations, and personal interests. They will also study the many connections between French-speaking cultures and our American heritage.

**LATIN I**

**Credit:** 1

**Prerequisite:** None

Students will learn the basic rules of Latin grammar and begin building the foundations of a solid Latin vocabulary. Roman history and culture will be learned through readings and translations from the Monarchical and Republican periods of Rome. The link between Latin and Western Civilization will be studied in order to appreciate the language's impact upon modern times.

**FRENCH II**

**Credit:** 1

**Prerequisite:** French I

Students will expand their communication skills to express themselves in areas of travel, food preparation, technology, medical services, and events of the past and the future. Cultural topics are covered in more detail, and students will begin to study the impact of events in French history on the rest of the world and the contributions of famous French-speaking people.

**LATIN II**

**Credit:** 1

**Prerequisite:** Latin I

Students will continue to learn the basic rules of Latin grammar and further their knowledge of Roman history and culture, focusing on the Republican and Empirical periods of Rome. The link between Latin and Western Civilization will continue to be stressed, as will derivatives and English vocabulary building.

**HONORS FRENCH II**

**Credit:** 1

**Prerequisite:** French I

Students will expand their communication skills to express themselves in areas of travel, food preparation, technology, medical services, and events of the past and the future. Cultural topics are covered in more detail, and students will begin to study the impact of events in French history on the rest of the world and the contributions of famous French-speaking people.

**HONORS LATIN II**

**Credit:** 1

**Prerequisite:** Latin I

Students will continue to learn the basic rules of Latin grammar and further their knowledge of Roman history and culture, focusing on the Republican and Empirical periods of Rome. The link between Latin and Western Civilization will continue to be stressed. In addition, Latin II Honors will require students to write more strenuously in Latin, culminating in a Final project on a particular focus of Roman civilization.

**ADVANCED HONORS FRENCH III**

**Credit:** 1

**Prerequisite:** French II

Students will study the fine points of French grammar and structure and continue to grow in their ability to create and express themselves in French. Current events will be a regular topic of class discussions. Cultural topics and projects will focus on French history and literature and the influence of both on the rest of the world.

**ADVANCED HONORS LATIN III**

**Credit:** 1

**Prerequisite:** Latin II

Students will spend one quarter each reading the works of Julius Caesar, Catullus, Cicero, and Vergil. Experiencing the Roman authors in their original language is the main focus of this course. Students will also continue to review Latin grammar and vocabulary while reading short passages on Roman mythology, philosophy, and history.

**ADVANCED HONORS FRENCH IV**

**Credit:** 1

**Prerequisite:** French III

Students will continue to strengthen their communication skills and will explore more in-depth cultural, literary, and current world topics in order to prepare for continued study in college. Students will choose topics to research and develop independently.

**ADVANCED HONORS LATIN IV**

**Credit:** 1

**Prerequisite:** Latin III

Students will spend one semester each on Julius Caesar and Vergil. Experiencing the Roman authors in as much depth as possible is the main focus of this course. Roman culture and history will be focused on the Late Republican and early Imperial periods.

## SPANISH I

**Credit:** 1

**Prerequisite:** None

Students will learn the basics of pronunciation and communication based on topics of everyday life such as school life, family and friends, foods, sports, after-school activities, and shopping. Students will also examine the cultures of Spanish-speaking countries.

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## SPANISH II

**Credit:** 1

**Prerequisite:** Spanish I

Students will build on their Spanish I foundation and study vocabulary in order to communicate about clothing, shopping, medical attention, travel, and events in the past. Students will continue to examine the cultures of Spanish-speaking countries.

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## HONORS SPANISH II

**Credit:** 1

**Prerequisite:** Spanish I (Grade of A or B) and Teacher Approval

Students will build on their Spanish I foundation and study vocabulary in order to communicate about clothing, shopping, medical attention, travel, and events in the past, future, conditional, and subjunctive tenses. Students will continue to examine the cultures of Spanish-speaking countries.

## ADVANCED HONORS SPANISH III

**Credit:** 1

**Prerequisite:** Spanish II (Grade of A or B) and Teacher Approval

This course is focused on fine-tuning the skills gained in Spanish II, while putting them into a real-world context. This is done through examining websites, news articles, poems and short stories from the culture. Students get to hone their speaking and writing skills as they role-play real-life situations and cultural dialogues.

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## ADVANCED HONORS SPANISH IV

**Credit:** 1

**Prerequisite:** Spanish III (Grade of A or B) and Teacher Approval

This class offers a unique opportunity for the self-motivated learner, providing a more extensive practice of the language. Emphasis is on developing listening, reading, writing, and speaking skills to a more professional level. Students will research job opportunities and practice the language skills needed for those jobs. Students will also participate in an in-depth exploration of art, music, and stories created in Spanish-speaking countries.

# COURSE DESCRIPTIONS: MATHEMATICS

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### The math sequence is as follows:

Class of 2020 and Beyond: Integrated Math I Integrated Math II Integrated Math III Advanced Math Course  
Previous Sequence: Algebra I Algebra II Geometry Advanced Math Course

*\*Students are required to take a math course all four years.*

## INTEGRATED MATH I

**Credit:** 1

Topics include recognizing and developing patterns using tables, graphs and equations. Mathematical modeling is stressed as a methodology for approaching the solution to problems. Students will explore operations on algebraic expressions, and apply mathematical properties to algebraic equations. Students will problem solve using equations, graphs and tables and investigate linear relationships, including comparing and contrasting options and decision-making using algebraic models. Reinforcement of topics from two-dimensional Geometry is integrated into this curriculum. This includes applications from the areas of area and perimeter, the Pythagorean Theorem and its applications, as well as geometric proportion. Introductory instruction in the area of mathematical probability is provided to reinforce use of fractions and numerical modeling.

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## HONORS INTEGRATED MATH I

**Credit:** 1

The honors course covers the same content at Integrated Math I with a deeper inquiry level that will prepare students to succeed in general college mathematics courses.

## INTEGRATED MATH II

**Credit:** 1

This course builds upon concepts taught in Integrated Math I with an emphasis on quadratic and polynomial expressions, equations and functions. This course also focusses on geometric similarity and interpreting functions from a real-life context. Students extend previous knowledge of exponential properties to rational exponents. This course also introduces the probability of compound events and complex number system.

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## HONORS INTEGRATED MATH II

**Credit:** 1

The honors course covers the same content at Integrated Math II with a deeper inquiry level that will prepare students to succeed in general college mathematics courses.

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## ADVANCED HONORS INTEGRATED MATH II

**Credit:** 1

The advanced honors course covers all the same content, with a deeper inquiry level and higher rigor that will prepare students to enroll in upper level AP math courses in high school as well as laying a solid foundation for upper level college courses.



### INTEGRATED MATH III

**Credit:** 1

This course brings together knowledge acquired in the previous two courses and uses it as a bridge to expand into more complex territory. Students will expand their knowledge of linear, exponential, and quadratic functions to polynomials, rationals, and trigonometric functions. Students will also extend their previous work with circles to other conic sections, their understanding of trigonometry to all triangles, and experiences with data as they solve sophisticated problems. Students will experience mathematics as a coherent, useful, and logical subject that draws their ability to make sense of problem situations, and will develop the ability to explore and solve mathematical problems, think critically, and work cooperatively with other students and communicate mathematical ideas clearly

### HONORS INTEGRATED MATH III

**Credit:** 1

The honors course covers the same content at Integrated Math III with a deeper inquiry level that will prepare students to succeed in general college mathematics courses.

### ADVANCED HONORS INTEGRATED MATH III

**Credit:** 1

The advanced honors course covers all the same content, with a deeper inquiry level and higher rigor that will prepare students to enroll in upper level AP math courses in high school as well as laying a solid foundation for upper level college courses.

### ALGEBRA II

**Credit:** 1

This course includes the following information: matrices, linear programming, three variable systems, three dimensional graphing, three variable inequalities, permutations, combinations, prediction lines, line of best fit, normal distribution, exponential functions logarithmic functions, radicals, complex numbers, translations of functions, quadratic functions, high order functions, rational functions, inverse functions, and trigonometry.

### HONORS ALGEBRA II

**Credit:** 1

This course has the same curriculum as Algebra II but is taught with more depth and at a faster pace. Some Pre-calculus concepts are introduced at this level.

### ADVANCED HONORS ALGEBRA II

**Credit:** 1

**Prerequisite:** Honors Algebra I and teacher recommendation

Summer work as stipulated by the high school is required for this course. More depth and a faster pace are expected at this level. Many pre-calculus and trigonometric concepts are investigated. The students are expected to be self-motivated and capable of working independently and in groups. The student can expect to be assigned problems with minimum guidance from the teacher.

### GEOMETRY

**Credit:** 1

This course includes coordinate geometry, transformations, the concepts of points, lines, planes, angles, perpendicular and parallel lines, logical reasoning, triangles, polygons, polyhedral, circles,

cones, cylinders, and spheres. The student is asked to investigate and draw conclusions based on the investigations. Teaching strategies include technology, hands-on, and applications.

### HONORS GEOMETRY

**Credit:** 1

**Prerequisite:** Algebra I or Algebra II and teacher recommendation

This course includes the same concepts taught in geometry but with more depth and a faster pace. Some Algebra II, Trigonometry, and Pre-Calculus are included.

### ADVANCED HONORS GEOMETRY

**Credit:** 1

**Prerequisite:** Honors Algebra I or II and teacher recommendation

Summer work as stipulated by the high school is required for this course. More depth and a faster pace are expected at this level. The students are expected to be self-motivated and capable of working independently and in groups. The student can expect to be assigned problems with minimum guidance from the teacher.

### BRIDGE MATH

**Credit:** 1

**Prerequisite:** By Placement Only

This course is designed to prepare students for college level mathematics. Included in the course of study are diagrammatic, verbal, symbolic, graphical and numerical mathematics. A new approach will be used to develop concepts, make connections and support concepts through applications with numbers, geometry, functions, and data. The Bridge Mathematics course is designed for students who have not scored a 19 or higher on the ACT by the beginning of the senior year.

### APPLIED MATHEMATICAL CONCEPTS

**Credit:** 1

**Prerequisite:** Geometry, Algebra II

Applications and modeling using mathematics are the primary foci of this course. Mathematical clusters include; financial mathematics, linear programming, logic and Boolean algebra, problem solving, investigative logic, interpreting data, combinatorics, normal probability distributions, as well as confidence intervals.

### HONORS PRE-CALCULUS

**Credit:** 1

**Prerequisite:** Geometry, Algebra II, Teacher Recommendation

The topics in this course are trigonometry, conics, statistics, and understanding of all functions, exponential functions, and logarithmic functions, sequences and series, matrices, and limits. When this course is completed, the student is able to go into Calculus.

### ADVANCED HONORS PRE-CALCULUS

**Credit:** 1

**Prerequisite:** Advanced Geometry and Advanced Honors Algebra II

Summer work as stipulated by the high schools is required for this course. The topics in this course are the same as Honors Pre-Calculus except they are taught at a faster pace and with more depth. A student may expect to cover several calculus topics before the end of the year.

**ADVANCED PLACEMENT CALCULUS AB**

**Credit:** 1

**Prerequisite:** Advanced Honors Pre-Cal or Honors Pre-Cal with Teacher Approval

The topics outlined by the College Board are as follows: functions, graphs, limits, derivatives, and integrals. Students have the option of taking the nationwide AP Exam administered by the College Board.

**ADVANCED PLACEMENT CALCULUS BC**

**Credit:** 1

**Prerequisite:** Advanced Honors Pre-Calculus or Honors Pre-Calculus with Teacher Recommendation

The topical outline for Calculus BC includes all calculus AB topics. All topics are recommended by the College Board. Students have the option of taking the AP Exam administered by the College Board.

**HONORS STATISTICS**

**Credit:** 1

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

Through the investigation of meaningful problems, students will represent, describe, explore and analyze data; perform statistical experiments including deciding what and how to measure; plan a study; anticipate patterns; produce models; use probability and simulation; confirm models, and explore statistical inference.

**ADVANCED PLACEMENT STATISTICS**

**Credit:** 1

**Prerequisite:** Advanced Algebra and Trigonometry or Honors Pre-Calculus

A student may take this course to test for credit or not. If the student is taking for credit, the entire curriculum must be mastered. The topics covered are the same as Honors Statistics except they are taught at a faster pace and with more depth. A student will be expected to master statistical inference, and the course will be supplemented with advanced problem sets and projects.

**COURSE DESCRIPTIONS: SCIENCE**

*The science requirements are as follows:* 3 Credits - Biology, Chemistry OR Physics, and another lab science.

**BIOLOGY**

**Credit:** 1

Biology is designed to study the fundamentals of living things, both plant and animal, and how they are related to each other. The student will be expected to demonstrate skills in reading, writing and ability to operate independently and as a group member; both in regular classroom operations, and laboratory settings.

**HONORS BIOLOGY**

**Credit:** 1

Honors Biology includes the same areas of study as Biology but is designed for the student who needs a strong biological foundation for future studies or career choices. The student will be expected to demonstrate advanced skills in reading, writing, and should be practiced in operating independently and as a group member; both in regular classroom operations, laboratory settings, and special assignments. Students can expect to experience project-based learning opportunities within a laboratory and technology rich environment.

**ADVANCED HONORS BIOLOGY**

**Credit:** 1

This course covers the same material as Honors Biology, but at a faster pace and with more depth. The students are expected to do more independent work and group work in class and on research projects.

**ADVANCED PLACEMENT BIOLOGY II**

**Credit:** 1

**Prerequisite:** Biology I and Chemistry I, Anatomy and Physiology recommended in advance or concurrently, 3.0 GPA  
Advanced Placement Biology is a college-level course for highly motivated students with a high aptitude for science. The course allows the student to investigate specialty areas of biology. The College Board AP program provides the curriculum and course description. Studies will include molecules and cells, heredity and evolution, and organism and populations. Students are encouraged to take the nationwide Advanced Placement Exam administered by the College Board.

**CHEMISTRY**

**Credit:** 1

**Prerequisite:** Physical Science or Biology and Algebra  
This is a laboratory course in which students study the composition of matter and the physical and chemical changes it undergoes and the environment in which these changes take place. In this course, students will use science process skills to investigate the fundamental structure of atoms, the way they combine to form compounds, and the interactions between matter and energy.

## HONORS CHEMISTRY

**Credit:** 1

**Prerequisite:** Physical Science or Biology and Algebra

This laboratory course is an intense college preparatory course that explores the properties of substances and the changes that substances undergo. Students will investigate atomic structure, matter and energy, interactions of matter, and the properties of solutions and acids and bases. Students will be expected to apply research and algebraic skills in a technology and laboratory rich environment.

## ADVANCED HONORS CHEMISTRY

**Credit:** 1

**Prerequisite:** Honors Physical Science or Biology and Algebra

This course is designed as a preparation for AP Chemistry II. The students are expected to do more independent work and group work in class and on research projects. Students should have a thorough understanding of how to solve for variables in algebraic expressions.

## ADVANCED PLACEMENT CHEMISTRY II

**Credit:** 1

**Prerequisite:** Honors Chemistry I, Algebra II, 3.0 GPA

This course makes extensive application of higher mathematics in an in-depth study of reaction production, electrochemistry, intermolecular attractions and kinetics, dynamic equilibria, thermodynamics, and select element preparations. This course requires the student to perfect lab techniques and observational skills. In addition, the correct recording of data and calculations is stressed. Students are encouraged to take the nationwide Advanced Placement Exam administered by the College Board.

## PHYSICAL SCIENCE

**Credit:** 1

Physical Science is a course that explores the relationship between matter and energy. Students investigate force and motion, the structure and properties of matter, the interactions of matter, and energy. Students will be expected to experience the content of Physical Science through inquiry learning. Conservation of matter and energy is an underlying theme throughout the course.

## HONORS PHYSICAL SCIENCE

**Credit:** 1

Honors Physical Science includes the same areas of study as Physical Science but is designed for the accelerated student who is able to apply algebraic and problem solving skills. Students will be expected to experience the content of Physical Science through inquiry learning in both classroom and laboratory settings. Group and individual projects, library research, and other college related skills are developed and practiced. Honors Physical Science provides a foundation for advanced studies in chemistry and physics.

## PHYSICS

**Credit:** 1

**Prerequisite:** Algebra I/II, Physical Science, Biology

Physics is the study of energy. There are five areas of study: mechanics (study of motion), heat, sound, light, and electricity.

This college preparatory course is laboratory based and includes required projects and activities. It is recommended that students take trigonometry before taking this course or take it concurrently.

## HONORS PHYSICS

**Credit:** 1

**Prerequisite:** Algebra I/II, Physical Science, Biology

This class is an algebra-based introductory level physics course. This course explores the "philosophy of nature" and the constants that arise out of such studies. This course stresses inquiry-based learning to aid and guide students towards developing scientific critical thinking and reasoning skills. A large portion of the course is devoted to laboratory study. In these labs the student will use a multitude of different materials, data gathering instruments, and a variety of methods. The class work will revolve on group collaboration, presentations, and formative assessment.

## MODERN PHYSICS

**Credit:** 1

**Prerequisite:** Honors Physics, Pre-Calculus (or concurrent enrollment)

A mostly qualitative course where students are introduced to and explore physics theories developed from the late 1800s to the present. The three governing topics to be covered are: Einstein's Universe, the quantum realm, and galactic interactions.

## ADVANCED PLACEMENT PHYSICS

**Credit:** 1

**Prerequisite:** Algebra I/II, Pre-Calculus (or concurrent enrollment)

This course follows the curriculum specified by the College Board. It is a college level survey course for high achieving and self-motivated students. Students have the option of taking the nationwide Advanced Placement Examination administered by the College Board.

## ENVIRONMENTAL SCIENCE

**Credit:** 1

**Prerequisite:** Physical Science and Biology

Environmental Science is a course that enables students to develop an understanding of the natural environment and the environmental problems the world faces. Using group laboratory and field experiences, students will investigate the following: fundamental ecological principles, human population dynamics, natural resources, energy sources and their uses, human interaction with the environment, and personal and civic responsibility. Particular emphasis will be placed on local environments. Students will develop an environmental awareness as a basis for making ethical decisions and career choices.

## HONORS ENVIRONMENTAL TECHNOLOGIES

**Credit:** 1

**Prerequisite:** Honors Chemistry or Physics

Environmental Technologies is a project based course where students are introduced to and explore the applications of physics theories to environmental processes and management. The four major areas of study are non-renewable energy, renewable energy, building practices, and waste management.

**ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**

**Credit:** 1

**Prerequisite:** Two Lab Science Credits

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

**PRINCIPLES OF TECHNOLOGY I**

**Credit:** 1

**Prerequisite:** Biology I and Algebra I

Principles of Technology is a course in applied physics that provides instruction in the fundamental principles of mechanical, fluid, electrical, and thermal systems by integrating academic concepts with technical laboratory experiences. Students develop confidence in their ability to understand and apply mathematical and scientific concepts through problem solving situations in laboratories that simulate experiences in the field of work.

**PRINCIPLES OF TECHNOLOGY II**

**Credit:** 1

**Prerequisite:** Principles of Technology I and Algebra I

Principles of Technology II is an advanced course in applied physics and related topics that uses the skills and technology needed to meet the demands of our twenty-first century society. Students must be able to work with their hands and minds to solve more complex challenges. This course satisfies a science credit for students pursuing the college path.

**COURSE DESCRIPTIONS: SOCIAL STUDIES**

**WORLD HISTORY & GEOGRAPHY**

**Credit:** 1

**Grade:** 9-12

Students will study the history of humankind with a more concentrated focus from the Renaissance to present day. They will also utilize different methods that historians use to interpret the past, including points of view and historical context.

**HONORS WORLD HISTORY & GEOGRAPHY**

**Credit:** 1

**Grade:** 9-12

The accelerated student will use analysis, writing, research, document study, role playing, and projects to further study world history.

**ADVANCED PLACEMENT HUMAN GEOGRAPHY**

**Credit:** 1

**Grade:** 9-12

This course is designed for the accelerated student who wishes to place greater emphasis upon investigated research, writing, and documentary study. Students will take the Advanced Placement Examination by the College Board.

**HONORS ANATOMY AND PHYSIOLOGY**

**Credit:** 1

**Prerequisite:** Biology I, Honors Chemistry I

Human Anatomy and Physiology is a laboratory science course that includes of an in-depth study of the body systems that maintain homeostasis from anatomical, physiological, and histological perspectives. Students explore anatomical and physiological concepts through an inquiry-based approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Anatomical Orientation, Protection, Support, and Movement, Integration and Regulation, Transportation, Absorption and Excretion, and Reproduction, Growth, and Development.

**HONORS EARTH SCIENCE**

**Credit:** 1

**Prerequisite:** Teacher Recommendation

Earth Science is a laboratory science course that explores origins and the connections between the physical, chemical, and biological processes of the earth system. Students experience the content of Earth Science through inquiry-based laboratory investigations and focus on topics associated with matter, energy, crystal dynamics, cosmic evolution, and structure, cycles, geochemical processes, and the expanded time scales needed to understand events in the earth system. Earth Science provides the knowledge, skills, and habits of mind needed for problem solving and ethical decision making about scientific and technological issues. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for the Universe, Energy in the Earth System, Cycles in the Earth System, and Geologic History.

**UNITED STATES HISTORY & GEOGRAPHY**

**Credit:** 1

**Grade:** 11

This course begins with a review of US History from colonization through the Civil War. Primary study will begin with the Reconstruction Period through our Modern Era.

**HONORS UNITED STATES HISTORY & GEOGRAPHY**

**Credit:** 1

**Grade:** 11

This course is designed for the accelerated student. Students will use a wide variety of methods to interpret our past events, including document analysis, research, role playing and projects.

**ADVANCED PLACEMENT UNITED STATES HISTORY**

**Credit:** 1

**Prerequisite:** Teacher recommendation

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course and focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking

skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. Students must be able to read a college-level textbook and write grammatically correct, complete sentences. Students will take the AP Examination in May.

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**UNITED STATES GOVERNMENT**

**Credit:** 1/2  
**Grade:** 12

The government high school course focuses on our nation's founding principles and beliefs through our historical documents and ideas. Students will examine the structure, functions and powers of government at the national, state, and local levels. Study will also include our political and legal processes that will prepare them to be a better informed student and citizen.

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**HONORS UNITED STATES GOVERNMENT**

**Credit:** 1/2  
**Grade:** 12

The government high school course is for the accelerated student for a more in depth study of United States Government.

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**ADVANCED PLACEMENT US GOVERNMENT & POLITICS**

**Credit:** 1/2  
**Prerequisite:** Teacher Recommendation

This is an entry level college survey course that is designed to provide advanced students with analytical skills necessary to develop higher level thinking and reasoning. A college level text and other college level readings will be used also. These skills are applied to all themes of the US experience and their interactions inside and outside of the US. Analysis, writing, reading, role playing, debates and other methods will be used.

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**ECONOMICS**

**Credit:** 1/2  
**Grade:** 12

This course is designed to help students understand how people, businesses, and governments use available capital (money) and other economic resources. The following topics will be discussed: consumerism, supply and demand, bull and bear markets, economic regulations, financial structures, unemployment and inflation, recession and depression, fiscal policies, and the impact of a global economy.

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**HONORS ECONOMICS**

**Credit:** 1/2  
**Grade:** 12

This course is designed for the accelerated student and will be a more in-depth study of the topics addressed in economics.

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**PSYCHOLOGY**

**Credit:** 1/2  
**Prerequisite:** None

Students will study the development of personality and other traits as they relate to the individual and society. All aspects of social studies will be integrated to study this science of human behavior and actions.

**ADVANCED PLACEMENT PSYCHOLOGY**

**Credit:** 1  
**Grade:** 10-12

This course is designed for the accelerated student who wishes to place greater emphasis upon investigated research, writing, and documentary study. Students will take the Advanced Placement Examination by the College Board.

.....

**SOCIOLOGY**

**Credit:** 1/2  
**Prerequisite:** None

Students will study the dynamics and models of group and individual relationships to the society as a whole. Subjects such as crime and delinquency, marriage and the family, and other aspects of our culture will be explored.

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**BIBLE**

**Credit:** 1  
**Prerequisite:** None

The purpose of this course is to enable students to acquire an understanding and appreciation of the Bible's major ideas, historical/geographical contexts, and literary forms. The course will include the study of the Bible in its historical, sociological, and cultural contexts, and its impact on later cultures, societies, and religions.

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**TENNESSEE HISTORY**

**Credit:** 1  
**Prerequisite:** None

Tennessee History is designed to inform students about who they are as Tennessee citizens and how historical events have shaped the current state in which we live. This class will include an in-depth analysis of the people, places and events that shaped the course of our state from the prehistoric to the present. The class will also emphasize major political, social, religious, and economic issues within Tennessee history and within the larger national context.

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**CONTEMPORARY ISSUES**

**Credit:** 1  
**Prerequisite:** None

This course is designed to help students develop skills in oral and written communication, information gathering, critical thinking and problem solving as students study contemporary issues. It focuses on current trends and issues in the governmental, political, economic, and geographical areas.

# COURSE DESCRIPTIONS: FINE & PERFORMING ARTS

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## VISUAL ART I

**Credit:** 1  
**Prerequisite:** None  
**Grade:** 9-12

Visual Art I is a broad-based introductory course that stresses the elements of art and the principles of design and explores art history. *This course will fulfill your Fine Art requirement.*

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## DRAWING AND PAINTING

**Credit:** 1  
**Prerequisite:** Visual Art I  
**Grade:** 10-12

Drawing and Painting is a studio-based class for students who enjoy drawing and painting. A variety of media will be explored including, but not limited to, pencil, chalk, oil pastel, colored pencil, pen and ink, acrylic paint, and watercolor.

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## CLAY I

**Credit:** 1  
**Prerequisite:** Visual Art I  
**Grade:** 10-12

Clay I is a studio-based course where students will explore a variety of hand-building and wheel throwing ceramic techniques as well as explore ceramics in art history and contemporary artists.

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## CLAY II

**Credit:** 1  
**Prerequisite:** Clay I  
**Grade:** 10-12

Clay II is a studio-based class where students will work more independently practicing methods learned in Clay I. These students will explore creating artist statements, contemporary artists, and new, experimental ceramic techniques.

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## ART III

**Credit:** 1  
**Prerequisite:** Visual Art I, Clay I or Drawing & Painting  
**Grade:** 10-12

Art III is a studio-based class where students will explore a variety of two and three dimensional mediums. This includes, but is not limited to, drawing, painting, printmaking, and some sculptural mediums.

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## ART IV

**Credit:** 1  
**Prerequisite:** Art III  
**Grade:** 10-12

Art IV is a studio-based class where students will explore a variety of two and three dimensional mediums. This includes, but is not limited to, drawing, painting, printmaking, and some sculptural mediums. Students will be allowed to work more independently, creating work in a medium of their choice, as well as developing artist statement to work within.

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## COMIC BOOK 101

**Credit:** 1  
**Prerequisite:** None  
**Grade:** 11-12

Comic Book 101 will explore comic books and how they are involved in the visual arts. We will explore in depth how comic books utilize the elements of art and principles of design, as well as the history of comic books. Students will read and critique renowned comic books and create their own.

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## INTRODUCTION TO THEATER

**Credit:** 1  
**Prerequisite:** None  
**Grade:** 9-12

This course is designed to give students an introduction to theatre. Students explore the collaborative and creative function of theatrical production. They learn the basics of acting and improvisation through participation and elements of theatrical design and technical theater.

*This course will fulfill your Fine Art requirement.*

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## FILM & TV APPRECIATION

**Credit:** 1  
**Prerequisite:** None  
**Grade:** 9-12

This course explores the uses of film, TV and media as forms of communication. Students will examine form and content through viewings, discussions and writing about examples of those types of communication. Students will explore how film, media and TV reflect society and how society is shaped by them, and how they are used to influence us and how to interpret the messages they send. This course requires participation in discussion as well as thinking and writing about the examples.

*This course will fulfill your Fine Art requirement.*

---

## BASIC ACTING

**Credit:** 1  
**Prerequisite:** Introduction to Theater  
**Grade:** 10-12

This course is designed for the student who exhibits an interest in theatre. Students will study the mechanics of acting in terms of physical movement, body control and character-building techniques. The course includes scene work and improvisation.

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## STAGECRAFT

**Credit:** 1  
**Prerequisite:** Introduction to Theater  
**Grade:** 10-12

Students concentrate on technical facets of theatrical productions including the design, construction, and operation of the myriad disciplines which are technical theatre. They will design projects and explore team building, communication, and organizational skills. Special emphasis is placed on the design and construction of stage scenery & the design and practice of stage lighting.

## **ADVANCED ACTING & DIRECTING**

**Credit:** 1

**Prerequisite:** Basic Acting

**Grade:** 11-12

This course is designed for the student who is interested in pursuing theatre on a college or other post-secondary setting. This is a practical course in the fundamentals of script analysis, staging, and interpretation while studying advance acting and beginning directing techniques. Emphasis in this course is placed on leadership positions in stage production and direction. This course may require after-school rehearsals and performances that will be used as part of the evaluation process.

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## **THEATER DESIGN**

**Credit:** 1

**Prerequisite:** Stagecraft

**Grade:** 11-12

Students concentrate on technical facets of theatrical productions including the design, construction, and operation of the myriad disciplines which are technical theatre. They will design projects and explore team building, communication, and organizational skills. Special emphasis is placed on the design and construction of stage scenery & the design and practice of stage lighting.

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## **THEATER PROJECTS**

**Credit:** 1

**Prerequisite:** Advanced Acting & Directing

**Grade:** 12

This course continues studies of advanced elements of theatre and drama to prepare those interested in pursuing theatre in a postsecondary or work-related setting. Students will be required to prepare and participate in a senior project. This course may require after-school rehearsals and performances that will be used as part of the evaluation process..

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## **GIOVANI VOCI**

**Credit:** 1

**Prerequisite:** None

**Grade:** 9

Giovani Voci is an unauditioned choir for freshmen female voices. The ensemble maintains a high importance on the fundamentals of good musicianship, vocal technique, and music literacy while maintaining a quality performance expectation. Giovani Voci will perform in at least four concerts per year with minimal after school commitments. Students in Giovani Voci are strongly encouraged to take private voice lessons, audition for the Spring musical, and audition for the Freshmen Honor Choirs.

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## **BELLA VOCE**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

**Grade:** 10-12

Bella Voce is an intermediate auditioned ensemble for female voices. Singing literature from the Renaissance to the present, these ensembles will focus on creating the unique sounds of unified treble voices while building fluency in music literacy.

Bella Voce will perform in at least four concerts per year and will sing at various community and student body events. Students in Bella Voce are strongly encouraged to take private voice lessons, audition for the Spring musical, and audition for the Mid-State and All-State Choirs.

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## **BEL CANTO**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

**Grade:** 10-12

Bel Canto is an advanced auditioned ensemble for female voices. Singing literature from the Renaissance to the present, these ensembles will focus on creating the unique sounds of unified treble voices while building fluency in music literacy. Bel Canto will perform in at least four concerts per year and will sing at various community and student body events. Students in Bel Canto are strongly encouraged to take private voice lessons, audition for the Spring musical, and audition for the Mid-State and All-State Choirs.

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## **MEISTERSINGERS**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

**Grade:** 9-12

Meistersingers is an ensemble of male voices, performing a wide variety of literature. They will concentrate on literature for the male voice, the fundamentals of traversing the ever-changing male vocal instrument, and building fluency in music literacy. Meistersingers will perform in at least four concerts per year with minimal after school commitments. Students in Meistersingers are strongly encouraged to take private voice lessons, audition for the Spring Musical, and audition for the Mid-State and All-State Honor Choirs.

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## **CONCERT BAND**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

Emphasis is placed on improving music reading skill and instrumental techniques through standard band literature and sight reading. The class places importance on individual music performance, music theory, ear training, and music history. Participation in the concert band and football band is required.

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## **SYMPHONIC BAND**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

**Grade:** 10-12

This course is designed for the intermediate level band student who has several years experience on his/her instrument and has demonstrated success at a higher level. Emphasis is placed on improving music reading skill and instrumental techniques through standard band literature and sight reading. The class places importance on individual music performance, music theory, ear training, and music history. Participation in the concert band and football band is required.

**WIND ENSEMBLE**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

**Grade:** 10-12

This course is designed for the advanced student who demonstrates advanced skill level, knowledge of music theory and musicianship. Emphasis is placed on improving music reading skill and instrumental techniques through standard band literature and sight reading. The class places importance on individual music performance, music theory, ear training, and music history. Participation in the concert band and football band is required.

**JAZZ BAND I / JAZZ BAND II**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

**Grade:** 9-12

Students will rehearse and perform a variety of jazz styles to include swing, Latin, rock, funk, be-bop, and others. Emphasis will be placed on performance and music theory concepts. Students interested in Jazz Band are encouraged to sign up for the class and audition for the band directors.

**PERCUSSION**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

**Grade:** 9-12

This course is designed for those students who are selected by competitive audition for membership in the Stewarts Creek High School Percussion Ensemble and is designed for ninth through twelfth-grade percussion instrumentalists to improve technique and overall musicianship. The student will be required to participate in the marching band and concert band for the full year. In addition to the service organizational aspects of preparing quality music and placing it in a setting of movement to music at athletic events, emphasis will be placed on technique and musicality and improving playing and performance skills. The student will be required to study historical, multicultural and interdisciplinary perspectives as it relates to music as well as form and style. Music theory will be incorporated into daily lessons and will be tested in a written and performance format. This is a performance-based course and will require students to participate in summer rehearsals, after school and/or evening/weekend rehearsals and performances.

**COLOR GUARD**

**Credit:** 1

**Prerequisite:** Instructor Approval/Audition

**Grade:** 9-12

This course is designed for those students who are selected by competitive audition for membership in the Stewarts Creek High School Color Guard. The color guard performs with the marching band in all service performances and athletic events. This class blends music with dance and equipment handling (flags, color guard rifles, color guard sabers, and other manipulatives). The dance elements will include but are not exclusive to jazz, modern and ballet. A variety of musical genres will be used to broaden the knowledge of music and its use in creating movement. There may be performance and/or competition required for this course. Students taking this course are not guaranteed a position in the color guard the next year; they must still audition. This is a performance-based course and will require students to participate in summer rehearsals, after school and/or evening/weekend rehearsals and performances.



# COURSE DESCRIPTIONS: HEALTH & PHYSICAL EDUCATION

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## PHYSICAL EDUCATION I

**Credit:** 1

This weightlifting class is for students who hold membership on a SCHS Varsity team.

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## PHYSICAL EDUCATION II

**Credit:** 1/2

**Prerequisite:** Lifetime Wellness

The numerous activities in the physical education program include daily warm-ups for each student, followed by individual and team sports. These activities provide carry over values for leisure time participation.

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## LIFETIME WELLNESS

**Credit:** 1

**Prerequisite:** None

Wellness is a required course containing the following modules: nutrition, personal fitness and related skills, mental health, disease prevention and control, sexuality and family life, substance use and abuse, and safety and first-aid.

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## DRIVER TRAINING

**Credit:** 1/2

**Prerequisite:** At least 15 years of age before or during the semester of enrollment.

**Grade:** 10-12

Driver Training includes a minimum of thirty class hours of instruction and six hours of experience behind the wheel. Current problems on the highway are presented along with laws governing highway use. The primary objective is to make the student a safe driver.

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## JROTC I

**Credit:** 1

**Prerequisite:** None

JROTC I begins the development of cadets into better citizens through a series of instructional blocks including physical fitness, leadership, hygiene and first aid, drill and ceremonies, map reading, oral and written communications, military history, study of the constitutional form of government, marksmanship and drug education. Wellness modules include nutrition, personal fitness, disease prevention and control, substance abuse and safety/first aid. Extracurricular activities are offered in drill team, color guard, rifle team, and adventure training.

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## JROTC II

**Credit:** 1

**Prerequisite:** JROTC I

**Grade:** 10-12

JROTC II is a continuation of studies to further develop cadets into better citizens. A series of instructional blocks is conducted with cadets assuming some leadership positions within the battalion. Subject matter includes techniques of oral and written communications, drill and ceremonies, map reading and land navigation, intermediate leadership, intermediate first

aid and hygiene, legislative process of government, U.S. military forces, technology awareness, physical fitness, role of females in the military, drug abuse and prevention, and the study of world issues including military history. Wellness modules included are personal fitness, mental health, sexuality and family life, substance abuse, and first aid.

*\*Two years of JROTC substitutes for one credit of Lifetime Wellness and 1/2 credit of Physical Education.*

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## JROTC III

**Credit:** 1

**Prerequisite:** JROTC II

**Grade:** 11-12

JROTC III is a continuation of studies to further develop cadets into better citizens. A series of instructional blocks is conducted with cadets assuming larger roles as leaders within the battalion. Subject matter includes advanced techniques of oral and written communications, advanced map reading and land navigation, geography, advanced leadership, American military history, advanced first aid, current events and world affairs, drug abuse and prevention, physical fitness, judicial process of government, and military law enforcement process.

*\*Three years of JROTC substitutes for Government.*

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## JROTC IV

**Credit:** 1

**Prerequisite:** JROTC III

JROTC IV is a culmination of studies begun in JROTC I, II, and III of citizenship development within cadets. Seniors (JROTC IV Cadets) are integrated with other JROTC classes and assigned advanced leadership positions within the battalion. A self-study text is provided at the outset with additional responsibilities outlined by the senior army instructor. In view of the advanced stages of instruction received in previous years, the seniors are tasked with staff and administrative responsibilities to prepare them for functioning in a leadership role in our society. Subject matter contained in the self-study text is essentially an advanced level of material covered in previous years. Senior cadets are also utilized as classroom instructors and drill supervisors. Completion of four years of JROTC allows a graduate, if desired, to enter the Armed Forces at a higher grade.

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## JROTC IX

**Credit:** 1

This course allows a mixture of first through fourth year cadets. This is a leadership class and students are selected by teacher recommendation.

## COURSE DESCRIPTIONS: SPECIAL COURSES

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### ACT 21

**Credit:** 1/2

**Prerequisite:** Algebra I/II, Geometry, English I/II

**Grade:** 10-12

This one-semester course is designed to improve standardized test scores, specifically on the ACT college admission test. The focus is on all four major test areas: English, Reading, Math, and Science. This is a pass/fail course.

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### MYTHOLOGY

**Credit:** 1/2

In this one semester course students will read, write about, and discuss Greco-Roman mythology. The first quarter will focus on coming to terms with 'mythology' as a whole through various stories and information of the gods, creation, etc. The second semester will deal entirely with Homer's Iliad and understanding how mythology can still teach various lessons, even in our modern world.

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### PEER TUTORING

**Credit:** 1

**Prerequisite:** GPA 3.0; Teacher Approval

**Grade:** 11-12

Students work with other students as peer helpers/tutors in the classroom, learning lab, or other assigned room.

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### WORK-BASED LEARNING

**Credit:** 1-2

**Prerequisite:** Currently enrolled in a CTE class and currently employed in a related job. Application approval required.

**Grade:** 11-12

Students work off-campus, supervised by a SCHS work-based learning coordinator.

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### TEACHER AIDE

**Credit:** 1

**Prerequisite:** GPA 3.0

**Grade:** 11-12

Students will be assigned to a teacher to assist with classroom responsibilities. This is a pass/fail grade and does not count toward graduation requirements.

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### OFFICE AIDE

**Credit:** 1

**Prerequisite:** GPA 3.5

**Grade:** 11-12

Students will be assigned to assistant principals, the main office, the counseling office, or the attendance office to assist with office responsibilities. This is a pass/fail grade and does not count toward graduation requirements.

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## COURSE DESCRIPTIONS: DUAL ENROLLMENT

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In Dual Enrollment (DE), high school students are enrolled in college courses and grades/credits are awarded on the high school and college transcript. Stewarts Creek High School partners with Middle Tennessee State University to offer dual enrollment courses in the fall and spring semesters. To be eligible for dual enrollment courses, students must be a junior or senior and have an ACT score of at least a 22 OR a minimum 3.0 GPA. Each college course counts as a 1/2 credit on the high school transcript. Possible course offerings include:



### ENGLISH 1010

#### EXPOSITORY WRITING

The first MTSU General Education English course. Emphasis on learning to adapt composing processes to a variety of expository and analytic writing assignments.

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### ENGLISH 1020

#### RESEARCH AND ARGUMENTATIVE WRITING

The second MTSU General Education English course. Emphasis on analytic and argumentative writing and on locating, organizing, and using library resource materials in the writing.

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### COMMUNICATION 2200

#### FUNDAMENTALS OF COMMUNICATION

Principles and processes of effective public oral communication including researching, critical thinking, organizing, presenting, listening, and using appropriate language. Emphasis on informative, persuasive, special occasion, and extemporaneous (impromptu) speaking.

### PSYCHOLOGY 1410

#### GENERAL PSYCHOLOGY

Introductory survey course. Includes biological foundations, perception, principles of learning, intelligence, motivation, emotion, human development, personality, social psychology, behavior disorders, and psychotherapy.

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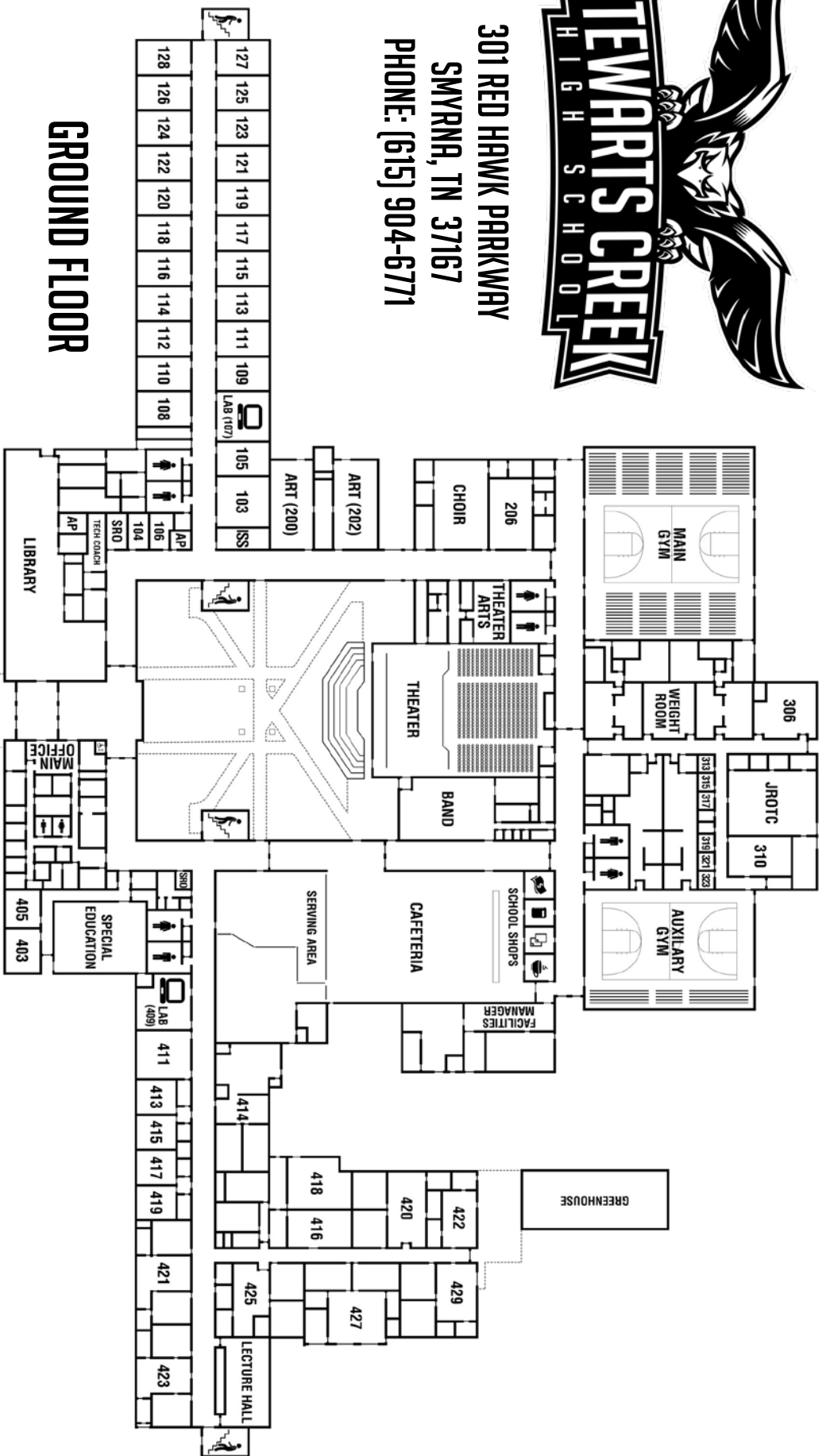
### ECONOMICS 2410

#### PRINCIPLES OF MACROECONOMICS

As an aid to understanding modern economic society: economic concepts of national income and its fluctuations, inflation, unemployment, role of the banking system, monetary and fiscal policies, and international topics.



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