



Sugar-Salem  
High School



2019-2020 ACADEMIC YEAR  
STUDENT REGISTRATION

**HANDBOOK**

# 2019-2020 Academic Calendar

\*Subject To Change\*

August 13-14 – Registration Days

August 21 – First Day of School

September 2 – Labor Day (No School)

September 30 – October 4 – Harvest Break

October 26 – Staff Development (No School)

November 26 – End of Trimester 1

November 27 – 29 – Thanksgiving Break

December 20 – January 1 – Winter Break

January 20 – Civil Rights Day (No School)

February 17 – Presidents’ Day (No School)

March 6 – End of Trimester 2

March 30 – April 3 – Spring Break

May 25 – Memorial Day (No School)

May 27 – Graduation

June 5– Last Day of School

## Administration

Principal – Jared Jenks

Assistant Principal – Jay Miller

Secretary – Julie Clark

Secretary – Charese Baker

Counselor– Jocelyn Hobbs

Counselor– Tami Saunders

## Sugar-Salem High School

1 Digger Drive

Sugar City, Idaho 83448

Phone: (208)356-0274

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## **Sugar-Salem High School Graduation Requirements 2019-2020**

Our course description booklet has been prepared by the staff and administrators of Sugar-Salem High School. The courses in this booklet represent the available offerings for the coming school year. The counseling office reserves the right to update this handbook at any time. Each student should carefully study the information that pertains to his or her grade level. The student should then work with his or her parents to choose the courses that include the required classes and the electives which reflect his/her needs.

If you have any questions or concerns, please do not hesitate to contact the counselors, administrators, and/or teachers. The decisions that you make in selecting courses are important in developing the skills you will need in the future. Take the time NOW in order to help develop your mind for tomorrow.

There are times when class changes must be made. Changes are to be made prior to the first week of each trimester. Please contact the counseling office and fill out a schedule request form online. No changes will be allowed after the sixth school day of a trimester. Please make sure during the first week of school that your schedule for the year is correct and you have not overlooked any required subjects.

Sugar-Salem High school recognizes all classes offered in this registration book as meeting the requirements for graduation. Any class or correspondence course that is taken from another school while enrolled here must be approved by the administration of the school.

The school will allow a maximum of twenty (20) such courses to be counted toward graduation.

To be eligible to participate in extra-curricular activities, the school requires students to maintain a 2.0 grade point average. In addition, the Idaho High School Activities Association (IHSAA) requires students to have passed 4 of 5 credits (or 3 of 4 credits if student took Release Time) the previous trimester and to be carrying 3 credits the trimester of participation.

## Sugar-Salem High School Credit and Course Requirements – 2019-2020

Required Courses	Credits
English	8
Reading	1
Speech or Debate	1
Math (2 credits must be taken senior year)	8-6
Science	6
History	2
Government	2
Health	1
Economics	1
P.E.	1
Humanities	2
Professional/Technical	2
Computers/Keyboarding	1
Electives	14-16
<b>Total</b>	<b>50</b>

### Courses Requirements

#### Freshmen

English I A, B; Reading; Speech & Communications;  
Physical Science A, B;  
3 sections of math AND 6 electives

Freshman students must take Input Technologies if they did not pass keyboard @ 50 WPM in Junior High

#### Sophomores

English II A, B; Health; U.S. History A  
2 sections of Science

3 sections of Math (if Geometry) or 2 sections of Math (if Algebra II) AND 6/7 electives

#### Juniors

English III A, B OR Pre AP English III A, B;  
U.S. History B, Economics

2 sections of Science; AND 9 electives

#### Seniors

English IV A, B OR AP English A, B; Government A, B; 2 sections of Math AND any other elective needed to graduate

There are 15 credits that can be completed in a typical year. Credit is not given for release time (seminary/work release). School district policy requires that a student must be in class 90% of the time to receive credit for each course.

The Student Handbook contains the policies and procedures for student conduct during school and at school functions. Please refer to that handbook for additional information.

## Course Offerings

### **LANGUAGE ARTS**

- «English I (9)
- «English II (10)
- «English III (11)
- «English IV (12)
- «Pre AP English III (11)
- «AP English IV (12)

- « **(\$)** Environmental Science (11-12)
- « **(\$)** Chemistry I A, B (11-12)
- «Anatomy / Physiology A, B (11-12)
- « **(\$)** Forensic Science (11-12)
- «**\*( \$)** Geology 101 & 104 (10-12)
- Sports Science (11-12)
- (\$)** Physics A, B (10-12)

H – Humanities T – Career/Technical C – Computer \$ – Course Fee \* – Dual Credit « – NCAA

- Reading (9)
- «Speech and Communications (9)
- « **(H)** Chinese A & B (10-12)

### **MATHEMATICS**

- «Extended Algebra A, B, C (all 3 required)
- «Extended Geometry A, B, C (all 3 required)
- «Algebra II A, B or Extended C (student's choice)
- «Pre-Calculus A, B
- «\* Math 143 & 144
- Senior Math A, B (12)
- «\*Calculus A, B, C (Math 170)

### **SCIENCE**

- «Physical Science A, B (9)
- «Biology (10-12)
- «Zoology (10-12)
- «Human Biology (10-12)
- Astronomy (10-12)
- (\$)(T)** Animal Agriculture (10-12)
- (\$)(T)** Plant Agriculture (10-12)
- (\$)(T)** Veterinary Science (10-12)
- (\$)(T)** Fish and Wild Life Science (10-12)
- (\$)(T)** Range Science (10-12)

- Health (10) (This course is not considered a science course)

### **SOCIAL STUDIES**

- «US History A (10)
- «US History B (11)
- «U.S. Government A, B (12)
- «Economics (11)

### **FAMILY AND CONSUMER SCIENCE**

- (\$)(T)** Foods and Nutrition (10-12)
- (T)** Interior Design (10-12)
- (T)** Parent & Child Development (10-12)
- (\$)(T)** Adult Living (9-12)
- (\$)(T)** Beginning Culinary (10-12)
- (\$)(T)** Advanced Culinary (10-12)
- (\$)(T)** International Foods (10-12)

### **AGRICULTURE**

- (T)** Intro to Agriculture (9-12)
- (T)** Landscape Design (9-12)
- (\$)(T)** Floral Design (9-12)
- (\$)(T)** Ag Systems – Electricity (9-12)
- (\$)(T)** Intro to Ag Mechanics (9-12)
- (\$)(T)** App Greenhouse/Nursery (10-12)
- (\$)(T)** Agriculture Welding (10-12)

**\$(T)** Agricultural Fabrication A (11-12)  
**\$(T)** Forestry & Wildlife Management  
 (10-12)

### **ENGINEERING & TECHNOLOGY**

#### **EDUCATION**

**\$(T)** Fundamentals of Technology A (9-12)  
**\$(T)** Construction Systems A (11-12)  
**\$(T)** Intro to Mechanical Drafting (9-12)  
**\$(T)** Intro to Cabinetry (10-12)  
**\$(T)** Advanced Cabinetry I A, B (11-12)  
**\$(T)** Intro Manufacturing Systems/Plastic (9-12)

### **ENGINEERING & TECHNOLOGY**

#### **EDUCATION (continued)**

**\$(T)** Intro Architectural Drafting A (9-12)  
**\$(T)** Power, Energy, and Transportation (9-12)  
**\$(T)(C)** Intro Computer Aided Drafting  
 (9-12)

### **BUSINESS EDUCATION / COMPUTER**

#### **SCIENCE**

**\$(C)(T)** Digital Scrapbook A, B (9-12)  
**\$(C)(T)** Exploring Computer Science (9-12)  
**\$(C)(T)** Microsoft IT Academy (10-12)  
**(C)(T)** Yearbook A, B, C (10-12)  
**(C)(T)** Input Technologies (9-12)  
**(C)(T)** Microsoft Server Certification A  
**(C)(T)** Microsoft Server Certification B  
**(C)(T)** Adobe Certification (9-12)

### **ART/PHOTOGRAPHY**

**\$(H)** Art I A, B (9-12)  
**\$(H)** Art Medium Exploration (9-12)

**\$(H)** Ceramic Sculpture A, B (9-12)  
**\$(H)** Design, Color, & Painting (9-12)  
**\$(H)** Photography (9-12)

### **MUSIC**

**(H)** Beginning Choir (9-12)  
**(H)** Serenades Choir (Audition)  
**(H)** Women's Choir (9-12)  
**(H)** Men's Choir (9-12)  
**(H)** Concert Choir (9-10)  
**(H)** Fall Concert Band  
**(H)** Spring Concert Band  
**(H)** Symphony Strings A, B, C (9-12)

### **MUSIC (continued)**

**(H)** Concert Orchestra A, B, C (9-12)  
**(H)** Beginning Jazz Band (Audition)  
**(H)** Advanced Jazz Band (Audition)  
**(H)** Wind Ensemble  
**(H)** Percussion Ensemble

### **DRAMA**

**(H)** Drama (9-12)  
**(H)** Play Production (9-12)  
**(H)** Technical Design (9-12)

### **PHYSICAL EDUCATION**

Cheerleading A, B (must make squad)  
 Life Time Sports (9-12)  
 Beginning Strength & Conditioning (9-12)  
 Advanced Strength & Conditioning (9-12)

### **ELECTIVES**

**(T)** Robotics (9-12)  
 Academic Decathlon (9-12)  
 Holocaust & Human Rights (12)  
 Intro to Law Enforcement (11-12)  
 American History through Film (11-12)  
 Current Events (11-12)

**SPECIALTY CLASSES/ DUAL CREDIT**

Teacher or Library Aide (12)

Released Time A, B (Seminary)

\* Communications 101 (10-12)

\* English 101 (12)

\* Geology 101 & 104 (10-12)

\* Sociology 101 (10-12)

\* HLTH 255 Wellness through Healthy Living (10-12)

\* Math 143 & 144

\* Math 170 A & B & C

## Course Descriptions

### Language Arts

#### Grade Description

- 9     **ENGLISH I**  
(Two Trimesters)
- 10    **ENGLISH II**  
(Two Trimesters)
- 11    **ENGLISH III**  
(Two Trimesters)
- 11    **PRE AP ENGLISH III**  
(Two Trimesters)  
**Prerequisite: Teacher Approval**  
This junior level class includes in-depth study of literary themes and movements in American literature. Emphasis on refining writing skills with focus on formal essay and research
- 12    **ENGLISH IV**  
(Two Trimesters)
- 12    **AP ENGLISH IV**  
(Two Trimesters)  
**Prerequisite: Teacher Approval**  
Senior level AP English centers on an in-depth study of literature. Particular attention is directed toward writing and citation in formal analytical essays and research papers. Furthermore, students write analytical essays and complete multiple choice exams that are aligned with questions on the Advanced Placement Exam. (This course may not be taken in conjunction with college English courses.)
- 9     **READING**  
(One Trimester)
- 9     **SPEECH & COMMUNICATIONS**  
(One Trimester)  
Fulfills the SPEECH graduation requirements. Class focuses on all forms of communications. Students will learn the following skills: listening, organizing, presentation, research, interviewing, speaking, confidence, working in a group, reasoning & analysis. Students will give 4 speeches.



**Grade Description****10-12 (H) CHINESE A & B**

(Two Trimesters)

This course assumes that students have NO training in Mandarin Chinese. The emphasis is, therefore, on developing the basic communicative skills (basic reading, writing, and speaking) to help a student with everyday communication. The course will also help students develop an understanding of Chinese culture and history.

## **Mathematics**

### **Grade Description**

#### 9-12 **ALGEBRA I A, B, C**

(Three Trimesters)

Students study properties of real numbers. Letters will be used as variables to represent real numbers. This course covers a wide range of topics such as problem solving through the solution of equations, algebraic expressions, polynomials, factoring, graphing, square roots rational exponents, linear, quadratic, exponential equations and modeling problems. This class is not available to students who have passed Geometry A.

#### 9-12 **GEOMETRY A, B, C**

(Three Trimesters)

##### **PREREQUISITE: Algebra I**

This course is designed to give students an understanding of logical approaches to solving both mathematical and everyday problems and to aid the student in applying algebra to the geometric discipline. This course covers angles, geometric proof, triangles, parallel and perpendicular lines, quadrilaterals, right triangle trigonometry, circles, elementary coordinate geometry and surface area/volume of geometric solids. This course is not available to students who have passed Algebra IIA.

#### 10-12 **ALGEBRA II A, B or (C)**

(Two Trimesters/Three Trimesters)

##### **PREREQUISITE: GEOMETRY**

This course is designed to solidify the skills learned in Algebra I, and Geometry and to give a more comprehensive background of algebraic skills necessary to pursue more advanced college-level mathematics. The course covers algebraic equations and inequalities in one and two variables, systems of linear and non-linear equations in two and three variables, powers with rational exponents, rational and irrational expressions, radicals, complex numbers, quadratic equations, arithmetic and geometric sequences and series, exponential and logarithmic functions and an introduction to other transcendental functions with an emphasis on reading and graphing transformations of functions.

#### 11-12 **PRE-CALCULUS A, B**

(Two Trimesters)

##### **PREREQUISITE: ALGEBRA II:**

Pre-Calculus A will be a continuation of Algebra II. The course will cover such topics as exponents and logarithms, number theory, 12 basic functions, probability and statistics. It is designed to be taken in same year as trigonometry.

Pre-calculus B (Trigonometry) shows the relationships between sides and angles of triangles and an introduction to radian angle measure. Much of the course is about how to use trigonometric relationships as periodic functions and how to use them to solve problems

involving periodicity. The concepts studied will have applications in surveying, navigation, calculus, engineering, physics, and chemistry.

11-12 **DUAL CREDIT MATH 143 & 144**

(Two Trimesters)

**PREREQUISITE: ALGEBRA II:**

M1143 is the same course as Pre-Calculus A (see description above) but is a dual credit (high school and college credit) course with Idaho State University and only with certain teachers. Students will need to earn a qualifying score on the ACT, SAT or ALEKS exam before they will be allowed to register for the course with ISU. It is designed to be taken in same year as trigonometry.

M1144 is the same course as Trigonometry (see description above). Satisfactory completion (C- or higher) of M1143 will serve as prerequisite for registering for this course with ISU. Successful completion of M1143 will earn 3 college credits. M1144 – 2 college credits.

12 **DUAL CREDIT CALCULUS A, B, C (Math 1170)**

(Three Trimesters)

**Two credits of math & one elective credit**

**PREREQUISITE: PRE-CALCULUS A & B or M1143 and M1144**

Students will need to earn a qualifying score on ACT, SAT or ALEKS exam or successful completion of both M1143 and 1144 to register with ISU for the dual credit course. Students may take this course only for high school credit with the successful completion of Pre-Calculus A and B or M1143 and M1144.

Calculus is the study of the concept of limit, differential and integral calculus and its applications to the fields of science, engineering, economics and business. This course is worth four college credits, and three high school credits. Students may also choose to take the AP exam in May for AP college credit.

12 **SENIOR MATH A, B**

(Two Trimesters)

**PREREQUISITE: GEOMETRY**

Senior Math A covers four main topics:

(1) Personal money managements such as bank accounts, different forms of credit, the cost of credit, credit scores and reports, and differences in renting/leasing as opposed to owning a home or car.

(2) Financial planning such as household budgets, planning for retirement, estate planning and management, types of life insurance and investing.

(3) Education, employment and income such as incomes from different career paths.

(4) Taxes

Senior Math B will cover topics in quantitative literacy, probability and elementary statistics.

## **Science**

### **Grade Description**

#### **9 PHYSICAL SCIENCE A,B**

(Two Trimesters)

Required during Freshman year. Topics covered include atomic structure, compounds, chemical reactions, motion, forces, energy, and others.

#### **10-12 BIOLOGY**

(One Trimester)

This course covers basic biological concepts: chemistry and energy, the cell, metabolism, reproduction and basic genetics. This course is a prerequisite for taking zoology, botany, human biology, and human anatomy and physiology.

#### **10-12 ZOOLOGY**

(One Trimester)

**Prerequisite: BIOLOGY**

General study of the animal kingdom.

#### **10-12 HUMAN BIOLOGY**

(One Trimester)

**Prerequisite: BIOLOGY**

Basic coverage of biological principles as related to humans. Not open to students who have taken anatomy and physiology.

#### **10-12 ASTRONOMY**

(One Trimester)

**Prerequisite: BIOLOGY**

Learn about the stars, planets, solar systems, galaxies, black holes, how the universe is trying its best to exterminate all life, and more!

#### **10-12 (\$)(T) ANIMAL AGRICULTURE**

(One Trimester)

A course designed to examine animal species, their body systems, and their relationship to agriculture.

10-12 **\$(T) PLANT AGRICULTURE**

(One Trimester)

A course designed to examine soil and plant relationships that affect the production of food and fiber. Topics include soils, plant anatomy and physiology, and plant pests.

10-12 **\$(T) VETERINARY SCIENCE**

**Prerequisite: BIOLOGY**

(One Trimester)

A course of designed to impart information about the causes, diagnosis, and treatment of diseases and injuries in animals, typically emphasizing domestic and farm animals. Business management and interpersonal skills required for a successful veterinary practice will also be emphasized.

10-12 **\$(T) FISH & WILDLIFE SCIENCE**

(One Trimester)

A course designed to examine the importance of fish and wildlife science, outdoor recreation and natural resources. This course will count as a Science credit or a CTE credit.

10-12 **\$(T) RANGE SCIENCE**

(One Trimester)

A course designed to acquaint students with principles of conservation, natural resources, ecology, and range science. This course will count as a Science credit or a CTE credit.

11-12 **\$( ) ENVIRONMENTAL SCIENCE A**

(One Trimester)

**Prerequisite: BIOLOGY**

This course will concentrate on ecological principals. Ecology is a branch of biology that describes relationships between organisms and the environment in which they live. This course will include class instruction and several out-of-class activities. There is a fee for this class.

11-12 **\$( ) CHEMISTRY A, B**

(Two Trimesters)

**Prerequisite: BIOLOGY**

Designed to give students a better understanding of general chemistry and also prepare students who go on to college. College chemistry is required of students in engineering, agriculture, biology, forestry, medicine, nursing, home economics and many other fields.

11-12 **\$( ) PHYSICS A, B**

(Two Trimesters)

This is a lab-based science class studying the laws of nature. Included are topics in motion, machines, energy, rocketry, sound, light, magnetism, and nuclear physics. College physics is typically required of students in engineering, medicine, robotics, and many other fields.

11-12 **SPORTS AND EXERCISE SCIENCE**

(One Trimester)

**Prerequisite: BIOLOGY**

This is a lab-based course that is focused on the movement and function of biological systems. Special emphasis is given to how those systems relate to exercise, athletics, and training.

11-12 **ANATOMY/PHYSIOLOGY**

(Two Trimesters)

**Prerequisite: BIOLOGY**

The class is designed for A and B students who want to pursue further study of the human body. It is a lecture lab course covering ten different body systems, internal and external. It is a good background course for students planning for college.

11-12 **(\$) FORENSIC SCIENCE**

(One Trimester)

**Prerequisite: BIOLOGY (CHEMISTRY RECOMMENDED)**

Forensic science is the use of science to solve crimes. Learning forensics can be an introduction to many careers and includes many science disciplines such as anatomy & physiology, genetics, chemistry, immunology, and physics. Class is open to students who are self-motivated and have at least a B-cum GPA. The class will consist of lab work including fingerprinting, document analysis, crime scene investigation, blood splatter analysis, DNA fingerprinting, blood detection and hair/fiber analysis. Class size limited.

10-12 **GEOLOGY 101 & 104**

**Prerequisite: BIOLOGY**

See course description on the last page of the handbook.

10 **HEALTH** (this course is NOT a science course)

(One Trimester)

**This is a state required course.** All students must have this class to graduate. This wellness course introduces students to all seven dimensions of wellness (physical, intellectual, emotional, spiritual, social, environmental, financial) and allows students to practice making changes in each dimension by establishing, practicing and reflecting on individualized SMART goals related to health and wellness concepts. This course provides an overview of current health topics relevant to students and stimulates awareness of personal health decisions and their relationship to optimal self-care patterns and lifestyles. This course meets the General Education requirement for wellness. This course is designed to investigate and apply the basic concepts and principles of lifetime physical fitness and other health-related factors. Emphasis is placed on wellness through the study of nutrition, weight

control, stress management, and consumer facts on exercise and fitness. Upon completion, students should be able to plan a personal, lifelong fitness program based on individual needs, abilities, and interests.

## **Social Studies**

### **Grade Description**

- 10     **U.S. HISTORY A**  
(One Trimester)  
This course is an introduction to United States history. It will cover Pre-Columbian History, the American colonies, America's War for Independence, the founding and launching of the new nation, and key issues that must be addressed by the new nation, market revolution, westward expansion, the Civil War and reconstruction era, as well as the issues of migration, industrialization, and urbanization. Time period being studied: 1200 B.B to 1917 A.D.
- 11     **U.S. HISTORY B**  
(One Trimester)  
**Prerequisite: U.S. History A**  
This course will focus on the emergence of America's Modern Era through World War II. Specific topics that will be addressed include: Progressive Era; American Imperialism; World War I; the 1920's; the Great Depression and New Deal; World War II; the Cold War era, 1950's, Civil Rights Movements, Vietnam War, and into the United States in today's world. Time period being studied: 1900 to present day.
- 12     **U.S. GOVERNMENT A, B**  
(Two Trimesters)  
**Prerequisite: All required History courses**  
Government A course focuses on the underpinnings of American political system, the evolution of democracy, and the rights and responsibilities of being an American citizen.  
  
Government B course strengthens the foundations of the American political system by looking further into the three branches of government. Students will complete their required senior project in Government B, following the guidelines of Project Citizen. This is a group project with a professional presentation open for all parents to attend.
- 11     **ECONOMICS**  
(One Trimester)  
This course will give the students a greater understanding of economics principles ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and deflation cycles. The course also relates history and politics to the study of economics.



## **Family & Consumer Science**

### 10-12 **(\$)(T) NUTRITION & FOODS**

(One Trimester)

The nutrition and foods course is designed to address nutrition and personal lifestyle. Content emphasis is on food preparations techniques and other areas of nutrition. Career options in nutrition and related fields are explored. Foods and Nutrition is required to move on to Beginning Culinary.

### 10-12 **(T) INTERIOR DESIGN**

(One Trimester)

This course addresses housing decisions. Emphasis is on skills in planning for, acquiring, and maintaining interiors of homes. Hands on application of art and interior design principles are emphasized. Guest speakers are included.

### 10-12 **(T) PARENT CHILD DEVELOPMENT**

(One Trimester)

Parenting and preparing to become a parent. Real Care Baby experience is included. Prenatal development, growth, and development of children to age five. A preschool teaching experience is also included.

### 9-12 **\$(T) ADULT LIVING**

(One Trimester)

The Adult Living curriculum focuses on the young adult as an individual balancing responsibilities of home, family, community and work environments. The student will gain relationship and life skills, knowledge of relationship roles and responsibilities, problem

solving, resource management skills, leadership and 21st century employability skills. We focus on living on your own after high school, demonstrating university cooking skills, planning for the future with life events.

#### 10-12 (T) BEGINNING CULINARY

**Prerequisite: Foods & Nutrition AND must pass the Idaho Food Safety Exam with a 75% or better.**

The CTE capstone course provides students with a foundation in professional food preparation with practical application in career opportunities, reinforced basic skills, food safety and sanitation, use of commercial equipment, industrial food preparation, business management, service techniques and employability skills. Family, Career and Community Leaders of America, FCCLA, leadership activities are an integral part of this course. Food Production, Management, and Services may articulate to a culinary arts program at a postsecondary technical college.

#### 10-12 (T) ADVANCED CULINARY

**Prerequisite: Beginning Culinary & pass the ServSafe food handlers or managers exam.**

This CTE capstone course prepares students for gainful employment and/or entry into postsecondary education in the food production and service industry. Content provides students the opportunity to apply the marketable culinary arts and food service skills they have acquired by assuming increasingly responsible positions, including participation in a cooperative education experience. Family, Career and Community Leaders of America, FCCLA, leadership activities are an integral part of this course. Advanced Food Production, Management, and Services may articulate to a culinary arts program at a postsecondary technical college.

#### 10-12 (T) INTERNATIONAL FOODS

**Prerequisite: Foods & Nutrition**

The CTE International Cuisine course provides students with a foundation in professional food preparation with practical application in career opportunities, reinforced basic skills, food safety and sanitation, use of commercial equipment, industrial food preparation, and

employability skills. This course provides students with project-based learning experiences in the art and science of international food preparation and presentation. Emphasis is placed on the creation of menus, assembly of ingredients, cooking methods, and presentation techniques for Western and Northern Europe, Southern Europe, Eastern Europe, Asia, Africa, and Latin America meals

## **Agriculture**

### **Grade Description**

- 9-10 **(T) INTRO TO AGRICULTURE**  
(One Trimester)  
An introductory course designed to introduce beginning students to agricultural education. This course includes agricultural career development, leadership, communications, and personal finance.
- 9-12 **(T) LANDSCAPE DESIGN**  
(One Trimester)  
A course that prepares students to design, construct, and maintain planted areas and devices for the beautification of home grounds and other areas of human habitation.
- 9-12 **(\$)(T) INTRO TO AGRICULTURAL MECHANICS**  
(One Trimester)  
This laboratory course is designed to provide students with introductory level experiences in selected major areas of agricultural mechanics technology which may include small engine maintenance and repair, metal fabrication, concrete construction, building construction, plumbing, surveying, electrical wiring, maintenance of agricultural machinery, equipment and tractors. Learning activities include information, skill development and problem solving.
- 9-12 **(\$)(T) APPLIED GREENHOUSE**  
(One Trimester)  
A course designed to prepare students in greenhouse and nursery operation and management.
- 10-12 **(\$)(T) AGRICULTURAL WELDING**  
(One Trimester)  
**Teacher Approval Required**  
A course designed to develop skills in ARC and oxy-acetylene welding and the processes that deal with the joining of metal for the agricultural industry.
- 11-12 **(\$)(T) AG FABRICATION**  
(One Trimester)  
**Prerequisite - Agriculture Welding**  
A course to develop skills in metal equipment assembly and joining.
- 10-12 **(\$)(T) FORESTRY AND WILDLIFE**  
(One Trimester)

A course designed to examine the importance of forestry, wildlife, and outdoor recreation with emphasis on efficient use of natural resources. This course will count as a Science credit or a CTE credit.

9-12 **\$(T) FLORAL DESIGN**

(One Trimester)

A course designed to develop skills in floriculture and the techniques used to develop and complete a variety of retail items normally sold in a retail florist business. The skills learned are necessary to gain and maintain employment in the retail florist industry.

9-12 **\$(T) AGRICULTURAL SYSTEMS - ELECTRICITY**

(One Trimester)

A course designed to develop skills in operation of tools and equipment, wiring, controls, electric motors, and establishing an electrical service for your farm or home.

## **Engineering & Education Technology**

### **Grade Description**

#### **9-10 (\$) (T) FUNDAMENTALS OF TECHNOLOGY EDUCATION**

(One Trimester)

Utilizing the engineering or technological design process to solve design problems is the main focus of the courses in this cluster. The problem solving process in this course requires students to define a given problem, conduct appropriate research, develop solutions to the problem, construct prototypes, and evaluate their work. Communication skills, proper tool usage, and material processes are major components of the design process. These skills are central to all subsequent engineering technology courses. The computer and other electronic devices are necessary for teaching an understanding of contemporary communications, manufacturing, power/energy/transportation and construction systems.

#### **10-12 (\$) (T) INTRO TO CABINETRY**

(One Trimester)

This course is required before Advanced Cabinetry and Construction Systems. This course introduces students to cabinet construction techniques. The main emphasis on tools and machines and their safe use. Students will build a project to demonstrate safe use of tools.

#### **11-12 (\$) (T) ADVANCED CABINETRY**

(One Trimester)

##### **Prerequisite: Intro to Cabinetry**

Course offering is designed to provide students with cabinetmaking and millwork applications. It will provide students with problem solving, diagnostic and repairing/building cabinets to industry standards

#### **9-12 (\$) (T) CONSTRUCTION SYSTEMS A**

##### **Teacher Permission Required**

##### **Prerequisite: Introduction to Cabinetry**

The study of construction technology involves the examination and analysis of building processes, personnel, structural systems and the major impact of construction on our environment and societal system. The student will learn theory and principles of construction and demonstrate practical applications of design, building and structural analysis using the materials, tools, processes, and techniques of building. Activities could include construction on land, water, and space.

**9-12 (\$) (T) INTRO MANUFACTURING SYSTEM/ PLASTICS**

The purpose of this class is to provide students, through activity-oriented instruction, technical, environmental, safety, and career aspects of manufacturing. Students will create a manufacturing company and produce and sell a product. Students will produce projects out of wood, metal and plastic. Screen printing on tee shirts and caps are another small part of the fun projects we will do in this class.

**9-12 (\$) (T) (C) INTRO TO COMP AIDED DRAFTING (CAD)****Prerequisite: Architectural Drafting**

Explores the role of computers in drafting in a technological age. Students will study the major application of computers as it relates to the different drafting fields.

**9-12 (\$) (T) (H) ARCHITECTURAL DRAFTING A**

(One Trimester)

Students will gain an understanding of housing needs, design criteria, residential plan construction techniques, financing, mechanical system and computer applications. Students will be taught what to look for when selecting and building a home.

**9-12 (\$) (T) POWER/ENERGY/TRANSPORTATION TECH SYSTEMS I**

(One Trimester)

The study courses involve the exploration of resources, technical processes, industrial applications, impacts of energy and power use, and all modes of transportation. It provides experiences in construction energy, power and transportation devices and controlling and measuring their output.



## **Business Education/Computer Science**

### **Grade Description**

#### 9-12 **(T) (C) INPUT TECHNOLOGIES**

(One Trimester)

This course is required for all freshman who did not pass Keyboard at the Junior High School with 50 WPM or better. Students will learn proper keyboarding techniques as well as other forms of inputting. Students will also learn basic document formatting and Word functions.

#### 9-12 **(\$) (T) (C) Digital Scrapbooking**

(Two Trimesters)

In this class you will learn about the hobby of scrap booking using desktop publishing and digital photography concepts. You will learn how to integrate a variety of different computer software and peripheral components together to make a school-year scrapbook with you as the subject.

#### 9-12 **(\$) (T) (C) EXPLORING COMPUTER SCIENCE**

(One Trimester)

This is a beginning course in computer basics. Students will be introduced to the basic concepts of computers and applications. The content will include research on the history of computers, basic hardware concepts in building a computer, Internet navigation and web publishing, computer terminology, concepts in safety and prevention, basic programming, and concepts in computer applications such as Microsoft Windows.

#### 10-12 **(\$) (T) (C) MICROSOFT IT ACADEMY**

(One Trimester)

Prerequisite: Input Technologies

With the Microsoft Imagine Academy program, academic institutions and their educators, students and staff get digital curriculum and certifications for fundamental technology skills -- as well as courses critical for students to be successful in today's technologically evolving world.

#### 10-12 **(T) Microsoft Server Certification A & B**

(Two Trimesters)

#### 10-12 **(T) (C) YEARBOOK**

(Three Trimesters)

Prerequisite: Teacher Approval

All three trimesters are required. This class produces the yearbook with artwork, layout design, copy writing and photography. Meeting deadlines, attending school events, and selling advertisements is required.

#### 9-12 **\*(PTE) (C) ADOBE ACADEMY**

The Adobe Certified Associate certifications include: Photoshop, Illustrator and InDesign; Dreamweaver; and Premiere Pro. Students can gain experience working with industry-standard software and technology in order to succeed in the digital workplace.

## **Art/Photography**

### **Grade Description**

#### **9-12 (\$) (H) ART I A**

(One Trimester)

In this class, students will be given an introduction to art, specifically drawing. They will learn basic vocabulary and techniques. They will be able to put these concepts into practice in their work. Students will begin by learning all the basics of proportional drawing. They will also learn to draw a wide variety of subjects including still life, animals, landscapes and faces. Students will work mostly with graphite pencils. They will also learn about graphic design and will get a chance to design artwork that is not necessarily realistic in nature. Students will be encouraged to be creative and share their ideas. They will have the opportunity to choose their own subject matter and draw what interests them as well as classroom objects and images that are assigned. Art 1B will be the second half of this introduction class.

#### **9-12 (\$) (H) ART I B**

(One Trimester)

##### **Prerequisite: Art I A**

In this class, students will continue the introduction to art that began in Art1A, specifically drawing. They will learn more basic vocabulary and techniques. They will be able to put these concepts into practice in their work. Students will begin by learning drawing techniques that add on to what they already know. They will also be able to draw a wide variety of subjects including still life, animals, landscapes and figures. Students will work with graphite pencils, charcoal and colored pencils. They will also learn about abstract (nonrepresentational) art and will get a chance to design artwork that is not necessarily realistic in nature. Students will be encouraged to be creative and share their ideas. They will have the opportunity to choose their own subject matter and draw what interests them as well as classroom objects and images that are assigned.

#### **9-12 (H) Art Medium Exploration**

(One Trimester)

In this class, students will be given an opportunity to experiment with different art mediums. They will learn basic vocabulary and techniques. They will be able to put these concepts into practice in their work. Students will create many different works of art, giving them a chance to learn about how different mediums are used. Their work will range from two-dimensional

to three-dimensional projects. They will create mixed media drawings, paintings, collages, book arts projects and more. Students will be encouraged to be creative and share their ideas. They will have the opportunity to choose their own subject matter and draw or create what interests them.

**9-12 (H) CERAMIC SCULPTURE A**

(One Trimester)

In this class, students will be given an introduction to ceramics. They will learn basic vocabulary and techniques. They will be able to put these concepts into practice in their work. Students will begin by learning all the basics of how to handle and mold clay. They will also learn how clay is dried out, fired in a kiln and glazed for a finished product. Students will work only with their hands in this class. They will create small pots and bowls and gradually work up to larger projects for both utilitarian and aesthetic purposes. Students will be encouraged to be creative and share their ideas. They will have the opportunity to design their own projects and create things that interest them. Ceramics B will be the second half of this introduction class where students will learn the more advanced technique of throwing clay on a pottery wheel.

**9-12 (H) CERAMIC SCULPTURE B**

(One Trimester)

**Prerequisite: Ceramic Sculpting A**

In this class, students will learn about more advanced ceramics processes. They will learn higher-level ceramics vocabulary and techniques. Students will begin by learning about how to create lids and handles for the pots that they already know how to make. They will also learn how the kiln works and about the ingredients and chemicals that make up the clay and glazes they work with. Students will work not only with their hands in this class but also on a pottery wheel. Their time will be spent mostly working on hand built projects as they rotate through time learning how to throw on the pottery wheel. They will have the opportunity to design their own projects and create things that interest them.

**10-12 (\$) (H) DESIGN, COLOR & PAINTING**

(One Trimester)

In this class, students will learn about painting techniques and processes, as well as color theory. They will also learn about basic design and composition and what colors work well together. Students will learn painting and color vocabulary. They will be able to put these new concepts and techniques into practice in their work. Students will begin by learning about how to mix colors and will create their own unique color wheel. They will also learn about different kinds of paintbrushes and how to properly care for these supplies. Students will work on various paintings and use acrylic and watercolor paint. Their time in class will mostly be spent working with paint, but some projects will involve colored pencils and/or oil pastels. Students will be encouraged to be creative and share their ideas. They will have the opportunity to design their own projects and paint things that interest them.

9-12 **(\$) (H) PHOTOGRAPHY**

(One Trimester)

In this class, students will be given an introduction to digital photography. They will learn basic photo vocabulary and techniques. They will be able to put these concepts into practice in their work. Students will begin by learning some photography background, about film and darkroom developing. They will also learn all about how to work the digital cameras, design their images well, and how to take pictures showing different ideas and emotions in various settings. Students will work entirely with digital SLR cameras and will also be provided with an SD card and flash drive to use for the Trimester. They will learn about how to properly handle the photography equipment and care for the cameras. Students will be encouraged to be creative and share their ideas. They will have the opportunity to choose their own subject matter and photograph what interests them based on the locations that we visit. In this class, we are always going on small field trips outside. We will walk together, as a class, down Main Street and around parks and areas near school.

## **Music/Drama**

### **Grade Description**

#### 9-12 **(H) BEGINNING CHOIR**

(One Trimester)

Open Enrollment. No Audition Required.

This class focuses on the basics of singing and music theory. Students will explore different genres of music including classical, gospel, jazz, folk music, acapella, and others.

#### 11-12 **(H) SERENADES CHOIR**

(One Trimester)

**Audition only**

**(Two Trimesters Required)**

This class is an advanced auditioned choir. It focuses on more advanced music and music theory. Auditions take place in April for the following school year. This choir is considered a Varsity level and will travel from time to time for adjudicated festivals and other performance opportunities. Also because this class is considered Varsity level students will be expected to maintain high academic standing to be able to travel and participate fully. Auditions for this class will consider the following skills; sight-reading, intonation, vocal tone and range.

#### 9-12 **(H) WOMEN'S CHOIR**

**Open Enrollment. No Audition required.**

This choir is for young women looking to advance their musicianship skills. It is a beginner level choir meaning anyone can join and be successful. As well as learning, the basics this class will focus on more developed part-singing and acapella music.

#### 9-12 **(H) MEN'S CHOIR**

**Open Enrollment. No Audition required.**

This choir is for young men looking to advance their musicianship skills. It is a beginner level choir meaning anyone can join and be successful. As well as learning, the basics this class will focus on more developed part-singing and acapella music.

#### 9-10 **(H) CONCERT CHOIR**

(One Trimester)

**Open Enrollment. No Audition required.**

This class is great for developing important musicianship and vocal skills and singing a wide variety of music. It is recommended, but not required, to take two trimesters; students not taking two trimesters should be approved by the director. Along with many other genres, this choir has the opportunity in the fall to experience Christmas and holiday music of all kinds. The spring class will focus on competitive music and producing an entertaining concert. This choir will travel with the Serenades Choir from time to time.

**9-12 (H) FALL CONCERT BAND**

(One Trimester)

This class is a performance class which will require playing contemporary concert band literature and will also feature pep band music. The pep band music will be used for the athletic events for the remainder of the year. Students who wish to be in Pep Band should be in Fall Concert Band.

**9-10 (H) SPRING CONCERT BAND**

(One Trimesters)

This is a performance class. It will require playing all types of music. Participation in concerts, music clinics and festivals required.

**9-12 (H) SYMPHONY ORCHESTRA A & B**

(Two Trimesters Required)

The Symphony Strings Orchestra is the advanced orchestra in the high school and will perform a wide variety of quality orchestral music including classical, fiddle, folk, jazz and pop styles. Membership in the Symphony Orchestra is by invitation with preference given to juniors and seniors. (Please talk with the director for more information.) The Symphony Orchestra will go on an annual Performance Tour.

**9-11 (H) CONCERT ORCHESTRA A, B & C**

(Three Trimesters Recommended)

This is an open enrollment class. Students will continue to develop both individual and ensemble playing skills and perform a wide variety of quality orchestral music such as classical, fiddle, folk, jazz and pop styles. Participation in concerts and festival is required.

**9-12 (H) BEGINNING JAZZ BAND**

(One Trimester) **AUDITION ONLY**

This is a performance class. They will perform for school and community functions. Literature includes swing, blues, rock, ballads, and Latin styles. Improvisation is emphasized.

**9-12 (H) JAZZ BAND**

(One Trimester) **AUDITION ONLY**

This is a performance class. They will perform for school and community functions. Literature includes swing, blues, rock, ballads, and Latin styles. Improvisation is emphasized.

**11-12 (H) Wind Ensemble**

(One Trimesters)

This is a performance class for seniors and juniors, or by invitation. It will require playing all types of advanced band music. Participation in concerts, music clinics, graduations and festivals is required.

**09-12 (H) PERCUSSION ENSEMBLE**

## **DRAMA**

### **Grade Description**

#### 9-12 **(H) DRAMA**

(One Trimester)

Students will learn the fundamentals of acting and theatre by studying all the elements of theatre including acting, playwriting, theatre history, and terminology. Students will memorize scenes and monologues and will perform in class. Students may also be required to read and study plays. First trimester Drama will focus on preparing students for the District and State competitions.

#### 9-12 **(H) Play Production**

(One Trimester)

**PREREQUISITE: Students must have taken Drama or Technical Design or have been in a Sugar-Salem High School Production**

Students will study, learn, and practice all aspects of the production of a single play. Each student will be responsible for both an onstage and a backstage role. Students will study the script and create all technical elements needed for production including set design, set construction, costume design, costume construction, properties, advertising, sound design, lighting design, make-up, and hair. Rehearsals will take place during class time. Students will be required to pass memorization tests and complete technical designs

#### 9-12 **(H) TECHNICAL THEATER**

(One Trimester)

Students will learn the fundamentals of technical design for the theatre by studying and executing technical designs in set, costumes, make-up and properties. Students will participate in reading and analyzing scripts for group and personal design projects. The majority of class time will be used for research and designing. The amount of time actually spent working on a set will change depending on the type of show being produced each trimester. This is not a carpentry or construction class.



## **Physical Education**

### **Grade Description**

- 9-12 **CHEERLEADING**  
(Two Trimesters)  
You must have tried out and been placed on the cheer squad.
- 11-12 **LIFETIME SPORTS**  
(One Trimesters)  
This course concentrates on lifetime sports and leisure time activities with emphasis on physical fitness.
- 9-12 **ADVANCED STRENGTH AND CONDITIONING**  
(One Trimester)  
Only for those who have already taken beginning strength and conditioning and know how to do all the lifts we use in our training program.
- 9-12 **BEGINNING STRENGTH AND CONDITIONING**  
(One Trimester)  
Beginning weights is first period and for anyone who has not taken a weights class. It teaches the students how to properly perform all the movements used in class and how to follow the training program.

## **Elective Classes**

### **Grade Description**

- 9-12 **ROBOTICS**  
This class is for those that want to learn the basic electronics and apply the it to robotics, We will learn how to create circuits, control them with computers as well as look at different types of sensors and motors to build things. We will take what we learn and build a self driving car.
- 9-12 **Academic Decathlon**  
**Prerequisite: Approval of teacher**  
This class is focused each year around a particular theme, such as a certain country or a period in history. It prepares students to compete with the team at local, state, and national levels and includes ten subjects: art, music, literature, social science, science, math, economics, essay, interview, and speech. Participants are expected to sign up for both first and second trimesters. The team includes students from each of the following GPA ranges: 2.0-2.9, 3.0-3.75, and 3.76-4.0, and therefore the class seeks out and benefits from diverse academic backgrounds. Students develop valuable life skills including teamwork, interview, testing, and public speaking skills. Those with an interest in the class must fill out an application and be approved by the teacher.

- 12     **Holocaust & Human Rights**  
          **Seniors Only**  
This class will use the Holocaust as a lens through which to look at both past and present Human Rights issues, and examining choices and the power of individuals to make a difference.
- 9-12   **(T) Introduction to Law Enforcement**  
          **(One Trimester)**  
          **Teacher Permission Required/ SUBJECT TO CANCEL AT ANY TIME**  
This course is designed to prepare students for the various occupations in the law enforcement industry. The course will provide training in academic and hands on instruction in regards to police work. Students will be provided with the necessary teaching/training to continue in the field at post-secondary institutions while becoming familiar with the various possible occupations in the profession
- 11-12   **AMERICAN HISTORY THROUGH FILM**  
This course is designed to look at history through the use of movies, documentaries, and television. Students will go beyond textbook presentations of history and literature. Selected films will be used to interpret history, reflect historical values, and determine the influence the media has had on history. Historical themes, film themes, and the impact of literature on film may be discussed. All films viewed during the course will have a PG13 rating or lower. The parent permission form will be distributed the first day of class.
- 11-12   **CURRENT EVENTS**  
This elective course will focus on world and local issues that affect students' everyday lives, such as economics, government and conflict. This course will use newspapers, online media, cartoons, and newscasts to support class discussion. Additionally students participate in group projects, presentations and work with primary source materials and opinion pieces in order to better understand the world around them.
- 12     **TEACHER AIDE**  
          **SENIORS ONLY**  
          (One/Two Trimester)  
          **Must have a cumulative GPA of 3.0 or better.**  
          Librarian must sign Pre Admission form for Trimester and Period.
- 9-12   **RELEASE TIME (SEMINARY)**  
          (Two Trimesters)  
Counselors will add to your schedule but there is no credit received for graduation.



## College Courses (IEN)

### Grade Description

12 **(\$ English 101 (CSI))**

10-12 **(\$ COMMUNICATIONS 101 (CSI))**

(One Trimester)

Fee: Free with Advanced Opportunities or \$195.

Textbook required: Adler, Ronald B., George Rodman and Athena du Pre. Understanding Human Communication. 13th edition. Oxford University Press, 2016.

ISBN-13: 978-0190297084, ISBN-10: 0190297085

This college course has two goals: 1. To provide students with an understanding of human communication and 2. To help students improve communication and public speaking skills. This course studies Public and Group Communication, Listening, Nonverbal Communication, and Computer-Mediated Communication. Students can get 3 credits through CSI and this course fills the High School speech requirement.

10-12 **HLTH 255 Wellness Through Healthy Living (CSI)**

This advanced wellness course introduces students to all seven dimensions of wellness (physical, intellectual, emotional, spiritual, social, environmental, financial) and allows students to practice making changes in each dimension by establishing, practicing and reflecting on individualized SMART goals related to health and wellness concepts. This course provides an overview of current health topics relevant to students and stimulates awareness of personal health decisions and their relationship to optimal self-care patterns and lifestyles. This course is designed to investigate and apply the basic concepts and principles of lifetime physical fitness and other health-related factors. Emphasis is placed on wellness through the study of nutrition, weight control, stress management, and consumer facts on exercise and fitness. Upon completion, students should be able to plan a personal, lifelong fitness program based on individual needs, abilities, and interests.

10-12 **GEOLOGY 101 (CSI)**

This is a college-level course, and students can expect to learn and have their level of learning assessed at that level. Topics will vary from the basic processes that form and continue to shape Earth, to identification of rocks, minerals, and landforms. Labs are a significant portion of this course which give students a chance apply their learning and experience hands-on learning. This course will also include one all-day field trip.

10-12 **GEOLOGY 104 (CSI)**

This is a college-level course, and students can expect to learn and have their level of learning assessed at that level. Earth is constantly trying to kill us, so it is critical to understand the science behind disasters in order to mitigate, live with, and survive these

events. A significant portion of this course is lab-based, giving students a chance to apply their learning and experience hands-on learning. This course will also include one all-day field trip.