

# Orangeville High School

*“Committed to Educational Excellence”*



## Curriculum Guide

**2020-2021**

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# **Vision and Mission Statements**

## **Vision Statement**

Orangeville Schools are committed to educational excellence in order to meet the global challenges of today and tomorrow through continuous improvement in partnership with community.

## **Mission Statement**

Our mission of the Orangeville Community School District is to:

- Uphold high standards and expectations which challenge each segment of the community to pursue excellence.
- Create and sustain a positive learning community.
- Encourage diversity in application of academics to real-world challenges.
- Promote responsibility, accountability and productivity through self-discipline and self-motivation.
- Provide a safe, equitable and mutually-respectful learning environment.
- Instill the importance of life-long learning and the value of service to society.

Adopted October 2003 by a committee of the community.

## **INTRODUCTION**

It is important in the world of today that all students have an increased awareness of career opportunities. Most all jobs in the next decade will require education beyond high school. Schools and workplaces are changing, and a bachelor's degree can no longer be considered the only degree of excellence. High school must prepare students to continue their education through on-the-job training, apprenticeships, technical colleges, junior colleges, and universities. It is the goal of this school district to prepare all of our students to choose any of these post-high school options. In making plans for program and course selections it is important not to eliminate any options for the future. Career exploration will be encouraged throughout the high school years. Orangeville High School offers courses in the areas of tech-prep, vocational, and academic requirements necessary for college entrance. No student is limited to any one of these areas.

This curriculum guide is to help you, the student, and your parents to make the most appropriate selection of high school subjects in keeping with your talents, abilities and future goals.

### **NON-DISCRIMINATION**

No person shall, on the basis of handicap, race, color, national origin, religion, or sex be excluded from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity in the school district. If you have any questions or wish to file a grievance, please contact the high school office at 789-4289.

### **SPECIAL NEEDS**

The Orangeville Community Unit School District offers a program for students with special needs (that might interfere with his learning and progressing at the regular pace through the school system). To help meet these needs, the school district works through the Northwest Special Education District. Any student between the ages of 3 and 21 has the right to be considered for these programs. Further information can be obtained from the OHS principal.

## **REQUESTS FOR SCHEDULE CHANGES**

Students and parents need to take care in selecting courses. For the processing of schedule changes, there will be a **three (3) day** period allowed at the **beginning** of the **first semester**, and **three (3) days** at the **beginning** of the **second semester**. There will be **NO** adding or dropping of a yearlong course at second semester (unless approved by Counselor or Principal). Dropping a yearlong course is only recommended if a student failed the first semester and it's likely they will fail the second semester.

### **PROCEDURES FOR REQUESTING SCHEDULE CHANGES:**

1. Pick up a pink "change schedule" form from the main office or Counselor's office.
2. Discuss your intentions with the teacher of the course or courses you wish to drop and get a pink "change of schedule" form signed.
3. Find a course that will replace the course you wish to drop.
4. Discuss your intentions with the teacher of the replacement course or courses and get pink "change schedule" form signed.
5. Have parents or guardians review your "change schedule" form and sign it.
6. Return form to School Counselor and discuss possibility of the schedule change.

### **FACTORS CONSIDERED WHEN APPROVING OR DENYING REQUEST FOR SCHEDULE CHANGES:**

- Section size and space available in courses may restrict course changes.
- The change should be directly related to a career decision.

# **ORANGEVILLE HIGH SCHOOL** **REQUIREMENTS FOR GRADUATION**

The State of Illinois and the Orangeville Board of Education set the following requirements, which are required of all students. The students must enroll in and successfully complete these courses.

<b>REQUIRED COURSES</b>	<b>CREDIT</b>
English .....	4
Mathematics..... Must include Algebra I or equivalent and Geometry or equivalent	3
Science..... Must include Biology	3
Social Studies..... Must include World History, American Government, U.S. History, & ½ elective	3
Foreign Language, Music, Art, or Vocational Education.....	1
Driver Education.....	½
Health.....	½
Consumer Economics .....	½
Students who pass the consumer economics proficiency test are not required to take this course; however, no credit will be given for the class. Students will have to make up ½ credit in an elective.	
Physical Education.....	¼ per semester enrolled
Each semester of attendance must be passed or waived. Students may elect to substitute another class in place of physical education in the following circumstances:	
1. Medical – requires doctor statement	
2. * Participation in interscholastic sports	
3. * Enrollment in academic classes which are required for admission to an institution of higher learning.	
4. * Enrollment in academic classes which are required for graduation from high school.	
* These options are <b>only</b> available to students in grades 11 and 12.	

In addition to the required courses above, students must **earn 7.5 elective** credits for graduation for a total of 22.5 credits. Students entering High School in *2019 and later must earn 24.0 credits* for graduation. Also, there is a graduation service requirement of 36 hours over the four years of high school. Students earning 60 hours or more of community service will be recognized at graduation. More information on the service requirement may be obtained either from the high school handbook, or from the school counselor.

## **ACADEMIC POLICIES**

The teacher at the beginning of each course gives an explanation of the method used to determine grades. Grades may consist of daily work, quizzes, tests, projects, and individual benchmarks. Each teacher will determine if the student has mastered the material based on the student's overall grade and number of benchmark assessments passed for that semester or year.

OHS grading scale is as follows:

A	93-100	A-	90-92		
B+	88-89	B	83-87	B-	80-82
C+	78-79	C	73-77	C-	70-72
D+	68-69	D	63-67	D-	60-62
F	59 or below				

**Grade point average will be computed using the following values:**

A	4.00	A-	3.67		
B+	3.33	B	3.00	B-	2.67
C+	2.33	C	2.00	C-	1.67
D+	1.33	D	1.00	D-	0.67
F	0				

**Courses designated (A)** are considered Advanced level and will be awarded the following grade values:

A	5.00	A-	4.67		
B+	4.33	B	4.00	B-	3.67
C+	3.33	C	3.00	C-	2.67
D+	2.33	D	2.00	D-	1.67
F	0				

# **PREPARING FOR COLLEGE**

## **What should I do to get ready for college?**

### **Am I Ready For College?**

High school coursework should prepare you for college by helping develop strong skills in at least four areas – English, math, social studies and natural sciences. Foreign language is also recommended.

### **What High School Credits Do I Need?**

In order to graduate from Orangeville High School, students need a minimum of 22.5 credits.

#### *I. Core College Preparatory Credits*

**English -- 4 credits**

**Mathematics -- 3 credits**

**Social Studies -- 3 credits**

**Natural Sciences -- 3 credits**

#### *II. Elective Credits*

#### **Electives -- 2-3 credits**

Elective credits are chosen from the core college preparatory areas above, foreign language, fine arts, computer science, and other academic areas. A minimum of two credits in a single foreign language is required for admission at University of Illinois – Chicago, Springfield and Urbana/Champaign and may help meet college graduation requirements at Eastern Illinois University, Illinois State University, Northern Illinois University, University of Illinois – Chicago, University of Illinois – Urbana/Champaign, and Western Illinois University. Some state universities may not accept vocational/technical courses as elective credits.

### **Core College Preparatory Credits**

All freshman seeking admission to colleges and universities in Illinois are expected to possess the academic background needed for effective learning. Core college preparatory credits in the following areas are required:

#### ***English***

Accepted English courses stress an understanding of composition, literature and rhetoric. Significant practice in reading, writing and speaking is expected in composition and rhetoric courses.

#### ***Mathematics***

Algebra, geometry and all other mathematics courses requiring algebra or geometry as prerequisites are widely accepted.



### ***Social Science***

Courses that are widely accepted as core college preparatory credits in social science include history, political science, geography and studies in culture, economics and human behavior and societies (such as sociology).

### ***Natural Science***

Biology, chemistry and physics are widely accepted as core college preparatory credits in natural science. These courses emphasize theory and almost always have a significant laboratory component. Examples of other science courses often accepted in this area include astronomy, and earth & space science.

### **What are the factors that influence college and university admission?**

Factors are listed below *in order of importance*.

- 1) Grades in college prep courses
- 2) Admission test scores (SAT or ACT)
- 3) Grade point average
- 4) Rank in graduating class
- 5) Personal recommendations from the counselor
- 6) Personal recommendations from teachers
- 7) College essay or writing sample (required at selected colleges and universities)
- 8) Personal interview (required at selected colleges and universities)
- 9) Work and/or extra-curricular experiences
- 10) Personal recognition programs

### **What if I do not meet minimum college or university admission requirements? Do colleges make special considerations?**

If your SAT score, class rank, grade point average and/or course sequence history do not meet standard admission requirements for the college or university of your choice, you may be considered for admission on the basis of other measurable criteria which show you have a reasonable probability of success.

Often colleges and universities have special admission programs for students who have special circumstances that bar them from meeting minimum admissions standards. Students are often asked to submit additional recommendations, personal statement essays or meet other criteria. These criteria may include standardized or institutional achievement tests, demonstration of exceptional talent in a particular area, or completion of alternative high school or community college credits. Special consideration may also be given to students who have been disadvantaged as a result of their education, family income level, or ethnic background.

# Orangeville District # 203

## High School English

**\*\*FOUR CREDITS OF ENGLISH ARE REQUIRED FOR GRADUATION. YOU WILL NEED TO SELECT AT LEAST TWO ELECTIVE CREDITS IN THIS AREA TO MEET THAT REQUIREMENT.**

### **ENGLISH/LANGUAGE ARTS I 9 (REQUIRED)**

---

**STATE CODE: 01001A000**

Grade 9

Credit – 1

Prerequisite – None

1 Year

This course includes the study of literature, composition, and grammar. Basic principles of grammar, sentence structure, and paragraph development will be reviewed and reinforced. Students will apply these skills to the writing of a research paper. Various types of literature including the short story, novel, play, and poetry will be studied.

### **ENGLISH/LANGUAGE ARTS 10 (REQUIRED)**

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**STATE CODE: 01002A000**

Grade 10

Credit – 1

Prerequisite – English 9

1 Year

This course involves the study of various types of literature – the short story, drama, novel, and poetry. Vocabulary and composition assignments may be related to specific reading selections. The course also includes a study of grammar, punctuation, and usage. In addition, fundamental speaking and listening skills are emphasized.

### **English/Language Arts 11 (Required)**

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**STATE CODE: 01003A000**

Grade 11

Credit – 1

Prerequisite – English 10

1 Year

English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

### **TEEN FICTION**

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**STATE CODE: 01066A000**

Grade 12

Credit – ½

Prerequisite – English 11

1 Semester

This is a course designed to encourage reading for enjoyment and to help students improve their basic reading skills. Students will be exposed to different types of literature such as novels, short stories, and poetry. Through group and individualized instruction, the course will help students develop the skills, habits and attitudes that will result in more effective reading.

## **COMMUNICATIONS**

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**STATE CODE: 01155A000**

Grade 12

Credit – ½

Prerequisite – English 11

1 Semester

Communications courses focus on the application of written and oral communication skills through a variety of formal and informal experiences. The courses are performance-based and emphasize effective interpersonal and team-building skills.

## **College Preparatory English (A)**

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**STATE CODE: 01004A000**

Grade 12

Credit – 1

Prerequisites – English 11

1 Year

English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

# Orangeville School District #203

## MATHEMATICS

**\*\*Three credits of Math is required to graduate, at least one of those credits must be an Algebra level course.**

### ALGEBRA I

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**STATE CODE: 02052A000**

Grade 9-12

Credit – 1

1 Year

This course provides a development of algebraic concepts that establish a firm basis for successfully pursuing subsequent mathematics courses. The structure of the real number system is developed. Relations, functions, exponents, polynomials, and linear and quadratic equations are used as essential tools of algebra. Problem solving skills are stressed.

### GEOMETRY

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**STATE CODE: 02072A000**

Grade 9-12

Credit – 1

Prerequisites – Algebra I

1 Year

Geometry involves the study of mathematics as it applies to the use of plane and solid figures using Euclidean Geometry principles. Topics will include the study of relationships among lines, circles, and planes as they are used in such things as triangles, intersecting and parallel lines, angles, polygons, and the corresponding items of solid geometry. A great deal of emphasis is placed on mathematical logic and the basis of geometric proof.

### ALGEBRA II (A)

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**STATE CODE: 02056A000**

Grade 10-12

Credit – 1

Prerequisites – Algebra I

1 Year

Geometry

This course is a college preparatory continuation of Algebra I. Topics include an extension of the factoring skill, work with functions and concepts, and advanced work with equations, inequalities, and graphing. New concepts introduced are quadratic functions, their graphs, conic sections, matrices, determinants and solving equations of higher degrees. Various other advanced concepts may be introduced, such as work with factors, matrices, series, and probability.

**FUNCTIONS, STATISTICS, AND TRIGONOMETRY (A)    Not Offered 20-21****STATE CODE: 02999A000**

Grade 11-12

Credit – 1

Prerequisites – Algebra I & II  
Geometry

1 Year

This course is designed to integrate the ideas of algebraic functions and trigonometry with statistics and data analysis, while using it within applications students meet in daily life. Students will analyze, process, and display numerical data collected and observed in real-world situations. Scientific and/or graphing calculators will be used extensively and are required for the class.

**PRE-CALCULUS (A)****STATE CODE: 02109A000**

Grade 11-12

Credit – 1

Prerequisites – Algebra I & II  
Geometry

1 Year

Pre-Calculus is a course for students preparing for college mathematics or further enrichment of their mathematical background. Higher ordered polynomial equations will be analyzed along with a continued development of exponential, rational, logarithmic, and trigonometric functions. Topics will also include analytic geometry, conic sections, sequences, limits, series, vectors, and the polar coordinate system with the addition of probability, statistics and discrete mathematics. Students enrolled in this course will be challenged to use higher-ordered thinking skills to solve challenging problems. Scientific and/or graphing calculators will be used extensively and are required for the class.

**Calculus****State Code: 02121A000**

Grade 12

Credit – 1

Prerequisites – Pre-Calculus

1 Year

Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

**BUSINESS MATH Not Offered 20-21****STATE CODE: 02154A000**

Grade 12

Credit – 1

Prerequisites – Algebra I, Geometry

1 Year

Business Math courses reinforce general math and fundamental algebra and geometry skills, emphasize speed and accuracy in computations, and use these skills in a variety of business applications. Business Math courses reinforce general math topics (e.g., arithmetic, measurement, statistics, ratio and proportion, exponents, formulas, and simple equations) by applying these skills to business problems and situations; applications might include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts, and interest.

**Preparatory Algebra****Not offered 20-21****STATE CODE: 02993A000**

Grades 11-12

Credit – 1

Prerequisites – Algebra I, Geometry

1 Year

Mathematics-Test Preparation courses provide students with activities in analytical thinking and with the skills and strategies associated with standardized test taking (such as the PSAT, SAT, and ACT). Topics covered include strategies for arithmetic, algebra, geometry, and quantitative comparison problems as well as time management, scoring procedures and calculator usage. Elements of Business Math will be incorporated into the curriculum.

**Transitional Math - STEM Math****Offered through Dakota High School****State Code: 02055A001**

Grades 12

Credit - 1

Prerequisites- Successful completion of 3 years of Math

1 Year

STEM Math course framework built around essential algebraic competencies designed to prepare students for college and career pathways in areas such as: Science, Technology, Engineering, and Math or STEM which require advanced algebraic skills or calculus. Course design will enable students to transition directly into credit bearing college-level algebra courses. Students will engage in deepening conceptual understanding using algebra and mathematical applications of algebra and functions and how functions naturally arise using authentic modeling situations. The function families (linear, polynomial, rational, radical, and exponential) will be emphasized. Additionally, the course shall emphasize the eight mathematical practices, particularly modeling within the setting of authentic and contextualized applications, and upon completion, the student should be able to: demonstrate and justify both orally and in writing conceptual understanding of functions combined with advanced algebraic knowledge to solve complex, contextualized, multi-step problems in authentic settings. Successful completion of STEM math, with a C or better will guarantee placement into college level math courses at HCC.

# Orangeville School District #203

## SCIENCE

**\*\*Three credits of Science are required to graduate**

### **BIOLOGY (REQUIRED)**

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**STATE CODE: 03051A000**

Grade 9

Credit – 1

Prerequisite – 8<sup>th</sup> grade Science

1 Year

This course is designed especially for the college preparatory students. It is constructed to ensure a background adequate in understanding the biological world. Basic cytology, cell function, genetics, and evolution & ecology will be covered. It is geared not to duplicate a freshman college course, but to serve as a basis for further studies in biology and other science methods. [Science fee required.]

### **Applied Chemistry & Physics (Unified Science)**

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**STATE CODE: 03202A000**

Grades 10

Credit – 1

Prerequisite – Biology

1 Year

This course is designed to continue to develop student reasoning and problem-solving skills, using the areas of chemistry and physics as the vehicle for this development. This course will focus on science as a process of discovery while focusing on the basic concepts of these two science fields. Laboratory, basic equations and calculations, and discovery activities will be emphasized as a way to give a deeper and lasting understanding of the concepts. [Science fee required.]

### **Zoology**

**Not offered 20-21**

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**STATE CODE: 03061A000**

Grades 10-12

Credit – ½

Prerequisite – Biology and Teacher Recommendation

1 Semester

This is a laboratory based course designed for college bound students who plan to pursue a career in the sciences, health, or physical education areas. It probes deeper into the biological aspects of entomology, zoology and evolution and ecology. There will be several vertebrate and invertebrate dissections and insect collection. [Science fee required.]

### **Microbiology**

**Not offered 20-21**

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**STATE CODE: 03060A000**

Grades 10-12

Credit – ½

Prerequisite – Biology and Teacher Recommendation

1 Semester

This is a laboratory based course designed for college bound students who plan to pursue a career in the sciences, health, or physical education areas. It probes deeper into the biological aspects of genetics and virology, mycology and bacteriology. Students will perform laboratory

procedures used within the fields of microbiology (Gram stains) and genetics (pedigree analysis). [Science fee required.]

### **CHEMISTRY (A)**

---

**STATE CODE: 03101A000**

Grade 10-12

Credit – 1

Prerequisites – Biology

1 Year

Algebra II (or concurrently taking Algebra II or Instructor Approval)

This course is designed for those who expect to pursue post-secondary education at a school that will require basic science courses for graduation. This course will give a detailed introduction to the concepts and process of chemistry. Lab work will be used to help students gain a clearer understanding of the sometimes abstract concepts in chemistry. Students will be doing calculations and equations. [Science fee required.]

### **PHYSICS (A)**

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**Not offered 20-21**

**STATE CODE: 03151A000**

Grade 11-12

Credit – 1

Prerequisites – Biology & Chemistry

1 Year

Algebra II

Concurrently taking Functions, Stats & Trig (or department chair approval)

Physics deals with matter and energy as well as the physical changes that matter undergoes. This course will use labs to examine the basic concepts of such topics as dynamics, mechanics, heat and energy, waves and electricity. Once the basic concepts have been mastered, then time will be spent working on how to apply these ideas mathematically. Students will be doing calculations, equations and trig functions. [Science fee required.]

### **ANATOMY AND PHYSIOLOGY (A)**

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**STATE CODE: 03053A000**

Grade 11-12

Credit – 1

Prerequisite – Biology & Chemistry

1 Year

This advanced course is designed for students who are looking at any aspect of the medical profession as a vocation. How the human body functions will be stressed, concentrating on several major body systems. Basic human anatomy such as organs, muscles and bones will be examined, and physiological lab, dissections will be performed. [Science fee required.]

### **EARTH SCIENCE**

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**STATE CODE: 03001A000**

Grades 10-12

Credit – .5

Prerequisite – Biology

1/2 Year

Earth Science courses offer insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography. [Science fee required.]



**ENVIRONMENTAL SCIENCE**

---

**STATE CODE: 03003A000**

Grades 10-12

Credit – .5

Prerequisite – Biology

1/2 Year

Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. [Science fee required.]

# Orangeville School District #203

## SOCIAL STUDIES\*\*

**\*\*THREE YEARS OF SOCIAL STUDIES ARE REQUIRED FOR GRADUATION. YOU WILL NEED TO SELECT AT LEAST ONE SEMESTER OF ELECTIVES IN THIS AREA TO MEET THAT REQUIREMENT.**

### WORLD HISTORY (REQUIRED)

---

**STATE CODE: 04051A000**

Grade 9

Credit – 1

Prerequisites – None

1 Year

World History is an overview of the political, geographic, cultural, economic, and historical development of the various, regions of the world. Attention is given to events that have significantly contributed to our world of today.



*Columbus*



*Washington*



*Grant*



*Napoleon*

### U.S. HISTORY (REQUIRED)

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**STATE CODE: 04101A000**

Grade 11-12

Credit – 1

Prerequisites – World History

1 Year

Students will study the history of the United States from the Civil War to the 1960s. Various aspects of our nation's development are studied such as social, religious, domestic and foreign policy, as well as economic development and industrialization. A term paper is required for successful completion of the second semester.

### CONTEMPORARY WORLD ISSUES

---

**STATE CODE: 04064A000**

Grade 11-12

Credit – 1

Prerequisites – World History  
Political Science

1 year

Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions.

**POLITICAL SCIENCE (REQUIRED)**

---

**STATE CODE: 04153A000**

Grade 10

Prerequisites – None

Credit – ½

1 Semester

The purpose of this course is to help the student understand his/her role in government and to be a more informed citizen. The course will deal with different theories and kinds of government and economic systems. The principles of representative government as found in the Declaration of Independence, Constitution of the United States of America, and the Constitution of the State of Illinois will be taught. Successful completion of this course includes a 70% proficiency rate on both the United States and the Illinois Constitution tests.

**SOCIOLOGY****(Not offered 20-21)**

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**STATE CODE: 04258A000**

Grade 11-12

Prerequisites – None

Credit – ½

1 Semester

This course is the study of human society and social issues. The course will look at a variety of social problems in the United States and the world to have a better understanding of them. Topics include social movements, war/terrorism, health care, immigration, stress/drugs, and mental illness. This course is recommended for any college-bound student who is interested in the social studies area, as well as people whose career may involve understanding society.

**MODERN U.S. HISTORY**

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**STATE CODE: 04103A000**

Grade 12

Prerequisite – World History

Credit – ½

1 Semester

This course examines the history of the United States from the World War II through present time. Special attention will be placed on political, military, scientific, and social developments.

**AMERICAN JUSTICE (A)**

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**STATE CODE: 04162A000**

Grade 12

Prerequisite – World History

Credit – ½

1 Semester

Topics of study during this course will include: formation of foreign and domestic law, administration of criminal justice, juvenile law, correctional institutions, and constitutional issues. Class work and assignments will consist of daily classroom activities, various research projects, traditional tests and quizzes, and out-of-class observations. This class will be designated as an honors social science elective and will change student's critical thinking skills.

## **HEALTH EDUCATION**

**\*\*A ½ credit of Health is required for freshman**

### **HEALTH (REQUIRED)      Freshman Year Opposite of Driver's Education**

---

**STATE CODE: 08051A000**

Grade 9

Credit – ½

Prerequisites – None

1 Semester

Units covered in health include those mandated by the Illinois State Board of Education. Units included are: stress, mental health and suicide, eating disorders, skeletal, muscular, and nervous systems, American Heart Association first aid & CPR/AED, alcohol, tobacco, drugs, steroids, resolving conflict, nutrition, food borne illness, sexually transmitted diseases, HIV, AIDS, and the Safe Haven Law (abandoned babies). [There is a small fee for the First Aid and CPR/AED cards.]

**\*THIS CLASS IS REQUIRED FOR GRADUATION.**



## **PHYSICAL EDUCATION**

**\*\*PE is a required course for every year. Juniors and seniors may elect to substitute another class in place of PE in the following circumstances:**

- Participation in interscholastic sports as a Junior or Senior.
- Enrollment in academic classes which are required for admission to an institution of higher learning

### **PHYSICAL EDUCATION (REQUIRED)**

---

**STATE CODE: 08001A000**

Grades 9-12

Credit – ½

Prerequisites – None

1 Year

Activities in physical education may include the following: softball, soccer, speed ball, volleyball, dance, badminton, weightlifting, basketball, conditioning, bowling, cage ball, floor hockey, golf, and flag football, as well as other group competitive games that fit the class make up and size. Grades are derived from participation, attitude, effort, cooperation, written and/or skill tests. Dress is the required. PE uniforms consist of shorts, t-shirts (with Orangeville logos), white socks, gym shoes, sweatshirt and sweatpants for cool weather. Participation is required.

*\*Four (4) years of physical education are required for graduation. The only exceptions are found on page 3 and may only be approved by the principal.*

# Orangeville School District #203

## MUSIC

### **CHOIR**

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**STATE CODE: 05110A000**

Grade 9-12

Credit – 1

Prerequisites – None

1 Year

Students enrolled in this class are required to participate in Solo & Ensemble contest, all school concerts, festivals and performances. The student is responsible for theory assignments and assessment and one paper per semester. Most of these requirements can be accomplished within the school day, but some work will be needed outside the normal school day. A student desiring to take this class should be prepared to be pushed to learn more about music and life through musical and personal exploration.

### **BAND**

---

**STATE CODE: 05101A000**

Grade 9-12

Credit – 1

Prerequisites – 2 years of playing experience  
or instructor approval

1 Year

This course is designed to give students an opportunity to develop musicianship through performance on a standard wind or percussion instrument. It will also help the individual student develop their technical and musical ability on their instrument and increase their knowledge of music and its appreciation. Music theory assignments are also a component of coursework. A minimal amount of home practice is required each week. Performances at concerts, football games and basketball games are part of each student's grade. Students enrolled in this class are required to participate in Solo & Ensemble contest, all school concerts, festivals and performances.

# Orangeville School District #203

## High School Spanish

### **SPANISH I**

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**STATE CODE: 06101A000**

Grade 9-12

Credit – 1

Prerequisites – C or better in English

1 Year

This course introduces students to the Spanish language and Spanish-speaking cultures through the communication skills of listening, speaking, reading, and writing, through the study of language fundamentals: vocabulary, grammar, verbs, and idioms. Listening comprehension and speaking are developed through consistent daily use of Spanish in the classroom. Students increase their cultural awareness through exploratory projects. Students should expect to spend 15-30 minutes a day on homework and/or review.

### **SPANISH II**

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**STATE CODE: 06102A000**

Grade 10-12

Credit – 1

Prerequisite – Spanish I

1 Year

This course provides continued development and practice in listening, speaking, reading, and writing. Language structures and vocabulary learned in the first year are reviewed, expanded, and refined, and new communicative topics are introduced. Listening comprehension and speaking are enhanced through consistent daily use of Spanish in the classroom. Students increase their cultural awareness through exploratory projects. Students should expect to spend 20-30 minutes a day on homework and/or review.

### **SPANISH III(A)      Not offered 20-21      \*Minimum of 10 students enrolled to offer course**

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**STATE CODE: 06103A000**

Grade 11-12

Credit – 1

Prerequisites – Spanish I &  
Spanish II

1 Year

Spanish III enables students to continue to attain a measurable degree of communication competency and proficiency in each of the four language skills: listening, speaking, reading, and writing. This is made possible through activities that focus on meaningful, personalized communication. Students learn new concepts as they reinforce previously learned material by broadening their communication skills in more sophisticated language and cultural situations. More advanced readings include an emphasis on the type of materials that Spanish speakers read every day (weather reports, magazine articles, etc.) plus selections from Hispanic literature. An English grade of 'C' or better is required for students selecting this course.

# Orangeville School District #203

## AGRICULTURE

### INTRODUCTION TO AGRICULTURE INDUSTRY

### CTE Course

**STATE CODE: 18001A001**

Grade 9-12

Prerequisite – none

Credit – 1

1 Year

This course provides students an opportunity for students to learn about the agriculture industry. Major components of the course include an introduction to the FFA, breeds of animals (horses, swine, sheep, dairy cattle, beef cattle, and poultry), soil erosion, wildlife in Illinois, famous agricultural inventors, computer simulation decision games, hatching chicks, and an introduction of non-production careers in agriculture. Leadership skills and abilities are developed through working with grade school partners and public speaking with the FFA Creed. The Introduction to Agriculture class will give every student the opportunity and background to become knowledgeable consumers or to join one of the agriculture related careers that employ 25% of the Illinois workforce.

### VETERINARY TECHNOLOGY

### CTE Course

**STATE CODE: 18105A001**

Grades 10-12

Prerequisite – Intro to Agriculture

Credit – .5

½ year

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. [There will be a \$20 materials fee for lab materials this course]

### AGRONOMY

**STATE CODE: 18051A003**

Grades 10-12

Prerequisite – Intro to Agriculture

Credit – .5

½ year

This course is designed to provide students with the knowledge and skills necessary for future employment in the agronomy or related industries. Major units of instruction include scientific method, cellular biology, genetics, biotechnology, soil classifications, soil erosion and management, soil fertility, plant classification, plant anatomy and physiology, plant propagation, plant growth, integrated pest management, grain, oil, forage, sugar, and fiber crop production methods, grain quality, grain storage, and grain transportation. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area.

<b>FOOD SCIENCE TECHNOLOGY</b>	<b>Not offered 20-21</b>	<b>CTE Course</b>
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**STATE CODE: 18305A001**

Grade 10-12

Credit – 1

Prerequisite – Intro to Agriculture

1 Year

This course provides learning experiences in food science and safety which allows students to apply scientific knowledge and processes to practices used in the development and preservation of food products. Issues of food science and safety are examined from a scientific and technological perspective. Students critically analyze information to evaluate and draw conclusions on the appropriate use of technology to implement food science and safety practices. Units of instruction include: principles of food preservation, food processing, biochemistry of foods and food selection and consumer health. Careers to be examined include meat inspector, quality control technician, food processor, and sanitation supervisor. Students will use scientific and technological information about food science and safety as a part of developing career plans and personal viewpoints on societal issues concerning the development and preservation of food products. [There will be a \$25 materials fee for lab materials]

<b>Agricultural Construction and Technology</b>		<b>CTE Course</b>
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**STATE CODE: 18403A001**

Grade 10-12

Credit – 1

Prerequisite – Intro to Agriculture

1 Year

This advanced course focuses on the knowledge, hands-on skills, and work place skills applicable to construction in the agricultural industry. Major units of instruction include: personal safety, hand tools, power tools, blue print reading, surveying, construction skills in carpentry, plumbing, electricity, concrete, block laying, drywall and painting. Careers such as agricultural engineers, carpenter, plumber, electrician, concrete and block layers, finishers, safety specialists, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.



**Biological Science Applications in Agriculture – Plants (Plant Science) CTE Course****STATE CODE: 18051A002**

Grades 10-12

Prerequisite – Intro to Agriculture

Credit – ½

½ year

This course is designed to reinforce and extend students understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts that govern management decisions. Topics of study are in the areas of initiating plant growth – germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth – photosynthesis, respiration, translocation, metabolism, and growth regulation. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Biological Science Applications in Agriculture – Animals (Animal Science) CTE Course****STATE CODE: 18101A001**

Grade 10-12

Prerequisite – Intro to Agriculture

Credit -1/2

½ Year

This course is designed to reinforce and extend students understanding of science by associating scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of animal agriculture and specific biological science concepts that govern management decisions in the animal industry. Topics of study are in the areas of growth and development of animals – embryology, ethology, nutrition, immunity systems, and processing animal products – preservation, fermentation, and pasteurization. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Introduction to Technology and Engineering (Industrial) Not offered 20-21 CTE Course****STATE CODE: 21052A002**

Grade 10-12

Prerequisite – Intro to Agriculture

Credit -.5

½ Year

Introduction to Technology & Engineering is comprised of the following areas: Production, Transportation, Communication, Energy Utilization and Engineering Design but is not limited to these areas only. This course will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system.

**Woodworking****STATE CODE: 17006A000** **(Not offered 20-21)**

Grade 10-12

Credit – 1

Prerequisite – Intro to Agriculture

1 Year

Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project; prepare bills of materials, construct, and finish proposed projects. Course fee \$100.00 for building materials. Please note that course fee may be higher depending on cost of building projects.

**Small Engine Mechanics****Not offered 20-21****STATE CODE: 20110A001**

Grade 10-12

Credit – 1/2

Prerequisite-Intro to Agriculture

1 Semester

Small Engine Mechanics courses provide students with the opportunity to learn how to service and recondition small engines, typically emphasizing two- and four-cycle engines. These courses provide students with opportunities to troubleshoot and repair speed controls, lubrication, ignition, fuel, power transfer, cooling, exhaust, and starting systems; use hand, power, and overhaul tools; and read and interpret service manuals and parts' catalogs. Applications may include lawn mowers, tractors, tillers, power tools, and so on.

**Agricultural Business Management****Not offered 20-21****CTE Course****STATE CODE: 18201A001**

Grade 10-12

Credit – ½

Prerequisite – Intro to Agriculture

1 Semester

This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, agricultural law, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Agricultural Environmental Science****Not offered 20-21****CTE Course****STATE CODE: 18504A001**

Grade 10-12

Credit – ½

Prerequisite – Intro to Agriculture

1 Semester

This course examines the relationship of agriculture and the environment. The impact of plant and animal production practices on the environment and the adoption of practices leading to improved air, land, and water quality are investigated. Areas of emphasis include: types of ecosystems, management of waste, chemical use, soil conservation, land uses and regulations, and water and air quality. Encouraging students to be conscious and concerned about the environment and recognizing the need to conserve the environment and its resources will be a theme throughout. Careers of environmental technicians, soil and water conservationists, monitoring field technicians, land surveyor, and related occupations will be examined. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**SAE: SUPERVISED AGRICULTURAL EXPERIENCE****STATE CODE: 18997A000**

Grades 9-12

¼ Credit

Prerequisite – Instructor Approval

1 Year

This is an independent study course designed for students who choose and implement an agricultural project on their own time. Students do not meet during any regularly scheduled class hour, but are required to keep in contact with the agriculture classroom instructor in order to have their work evaluated and graded.

In order to receive the credit for this class, students must maintain the internet record books in one of the following project areas: Entrepreneurship, Placement (working for someone else) and Exploratory (research and experiment). A list of specific projects that students could choose as their SAE is available from the agriculture instructor. Students receive a grade each quarter and can earn ¼ credit for each year that they complete an SAE for a maximum of 1 credit hour.

The SAE record books are an integral part of the FFA program. Students who complete the record books do not have to be FFA members, but it is strongly recommended. Students with complete record books are eligible to have their books compete at the section, state, and national levels based on the thoroughness and quality of their project.

**\*Agriculture coursework does not earn science credits toward graduation requirements.**

# Orangeville District #203

## BUSINESS EDUCATION

### KEYBOARDING

### CTE Course

**STATE CODE: 10005A001**

Grade 9-10

Credit – ½  
1<sup>st</sup> Semester

Materials include instruction on the software, Microsoft Office products. Software applications include word processing, presentation software, and numeric keypad applications. Proofreading applications include file storage access for editing processes. Technical writing practice includes letters and memos. [Business fee required.]

### COMPUTER CONCEPTS AND SOFTWARE APPLICATIONS

### CTE Course

**STATE CODE: 10004A001**

Grade 9-10

Credit – ½  
2<sup>nd</sup> Semester

Computer Concepts and Software Applications is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases. [Business fee required.]

### ACCOUNTING

### CTE Course

**STATE CODE: 12104A001**

Grade 10-12

Prerequisite – None

Credit – 1  
1 Year

Students learn to use the basic principles of keeping an accurate set of financial records for either managing their own personal business affairs or for helping to earn a living in the business world. Students are taught to formulate financial statements that are compiled from information taken from various ledger accounts. It is stressed that students learn the ability to keep neat, accurate, hand kept records. Spreadsheet applications in Excel are introduced. Elements of advanced accounting and bookkeeping will be introduced. [Business fee required.]

**Business Management****CTE Course****STATE CODE: 12052A001**

Grade 10-12

Credit – 1

Prerequisite – None

1 Year

Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

**Digital Literacy & Responsibility****(Not offered 20-21)****CTE Course****STATE CODE: 10008A001**

Grade 9-12

Credit – ½

Prerequisite – None

1<sup>st</sup> Semester

This foundation-level course prepares students to use technology in a proficient and responsible manner in school, in the workforce, and in everyday life. The course contains skills for working in an Internet or networked environment and the knowledge of what it means to be a good digital citizen and the ability to use technology responsibly. Topics include the benefits and risks of sharing information online, and the possible consequences of inappropriate sharing (oversharing). Students explore the legal and ethical dimensions of respecting creative work. Technology use is a vital employability skill for entry-level and upper-level management positions.

**Service Oriented Marketing****CTE Course****STATE CODE: 12055A001**

Grade 11-12

Credit – ½

Prerequisite – None

1<sup>st</sup> Semester

This course explores the basic principles of marketing such as the creation of concepts, strategies, and the development of marketing plans. Students learn about the components of the marketing mix, target marketing, sponsorship, event marketing, promotions, proposals, and execution of planning. This course emphasizes strong decision making, critical thinking, and collaborative skills to complete group marketing projects throughout the semester. Marketing introduces students to this exciting field, which includes advertising, consumer research, product development, packaging, and selling. Students will be challenged to create new marketing ideas as they analyze current marketing trends. Students will also explore the legal aspects of these industries. Real life projects allow students to demonstrate their understanding of these areas.

**Advanced Marketing****CTE Course****STATE CODE: 12152A001**

Grade 11-12

Prerequisite – None

Credit – ½

1<sup>st</sup> Semester

Marketing—Comprehensive courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Human relations, computers, and economics are often covered as well.

**CONSUMER ECONOMICS (REQUIRED)****STATE CODE: 22210A000**

Grade 12

Prerequisite – None

Credit – ½

1<sup>st</sup> or 2<sup>nd</sup> Semester

This course meets the requirements for consumer education instruction as required by the School Code of Illinois. It includes a study of installment purchasing and credit use, budgeting, comparison-shopping, savings, consumer rights and responsibilities, and the use of resources to attain individual and/or family goals. Learning experiences focus on the understanding and skills needed to make decisions about the use of resources that contribute to an improved quality of life. **\*THIS COURSE IS REQUIRED FOR GRADUATION\***

## **DRIVER EDUCATION**

### **DRIVER EDUCATION – CLASSROOM\* & BEHIND THE WHEEL**

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#### **STATE CODE: 01852A000**

Driver's Education will be offered opposite of Health Credit – ½  
Prerequisite – State law requires that all students enrolling 1 Semester  
in Driver Ed must have passed eight classes,  
excluding PE, during the previous two semesters.  
Students will be enrolled by birthdate.

The driver education instruction will emphasize training in visual perception, judgment (time, space, and distance), decision-making and performance – driver action. The course shall consist of one semester of classroom (minimum time determined by the state) instruction, six hours of behind the wheel, and six hours of observation. [Driver Ed and driver permit fee required.]

**\*THIS CLASS IS REQUIRED FOR GRADUATION.**

## **YEARBOOK**

### **YEARBOOK**

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#### **STATE CODE: 11104A000**

Grade 10-12 Credit – 1  
Prerequisites – Application and **Permission of Instructor** 1 Year

Students will be assigned pages to be completed for the elementary, jr. high, and high school yearbooks. If a student does not complete his or her assigned pages, the student will fail the class. In addition to yearbook pages, students may be expected to complete various other communications-related activities. Yearbook editors will be appointed by the advisor. Computer and digital photography experience are helpful.

## **OTHER OPPORTUNITIES**

### **CAREERTEC VOCATIONAL CENTER**

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Grade 11 and 12 Credit - 2 per year  
Prerequisite – Application and Interview 1 Year

CareerTEC offers Career and Technical Education in Freeport: students can take classes within various job fields and earn high school and even college credit for some courses. Some Courses that CareerTEC offers are Auto Body, Careers in Business, Computer Information Systems, Construction Trades, Cosmetology, Culinary Occupations, Early Childhood, Graphic Design, Health Occupations (HOYA), and NJROTC. Students attend CareerTEC in the morning from 7:30am-9:00am. They are bused from OHS to Freeport High School and then transferred to the class they registered for. Students must apply to be a part of CareerTEC and must meet all rules and regulations assigned by CareerTEC and OHS. **Selection for CareerTEC will be based on students' GPA, attendance and course enrollment. Students with higher GPA and better attendance will get preference over other students.**

## **HIGHLAND COMMUNITY COLLEGE/College Now**

### **STATE CODE: HCC 701**

Grade 12

Credit - Varies

Prerequisite – Principal permission

1 Year

This course allows students to gain advance credit towards a college degree through HCC. Students must pass placement tests from HCC if needed. Students can only enroll in courses at HCC with approval from the administration of Orangeville High School. Students can be dismissed early from school in order to attend these courses. **Students must pay for all courses offered by Highland Community College. Selection for HCC classes is based on SAT scores and or Accuplacer test scores.**

College Now is a program that provides academically motivated high school students the opportunity to take college courses at Highland Community College full-time during their junior and/or senior year of high school as part of their high school education. Courses through College Now are dual credit. Specific requirements must be met before acceptance into the College Now program. Information sessions are held at HCC in the fall. See the school counselor for details.

### **Courses taken through Highland Community College**

Grade 11-12

Credit – 1 per semester

Approval through Counselor or Principal

1 Semester

Students will have the opportunity to take classes through Highland Community College. Students will be permitted to take morning classes as long as they are in attendance by the beginning of 3<sup>rd</sup> period. Students may also take afternoon classes beginning after 5<sup>th</sup> period. Students/Families are required to complete all registration and **pay all tuition and fees** associated with classes provided by Highland Community College. Personal transportation is also required. Highland Classes **will not** be weighted but will count toward GPA. Students will not earn high school credit for any coursework deemed remedial through Highland Community College. Students not taking a full year of coursework through Highland Community College will be placed into class at OHS for the remainder of the year.

## **ILLINOIS VIRTUAL HIGH SCHOOL / AMERICAN SCHOOL OF CORRESPONDANCE**

Grade – **11 and 12 only**

Credit – 1 or ½

Prerequisites – Permission of Principal or School Counselor

1 Year or 1 Semester

IVHS is an internet educational service administered by the Illinois State Board of Education in cooperation with the Illinois Mathematics and Science Academy. Students may earn up to 3 credits via IVHS – one in their junior year, and two their senior year. These courses must be pre-approved by the school counselor or principal. **Students are required to take a full year of courses through IVHS. Courses must be completed within the duration of Orangeville High School's school year/semester timeline. Students are responsible for paying for the cost of the course or courses. Courses through Illinois Virtual School cost \$225 per course.**



**Teacher's Aide**

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Grade – 11-12

Credit - .250

Prerequisites – 3.5 GPA &amp; 95% Attendance

1 Year

Student must apply with a teacher and

**STATE CODE:** 22995A000

Teacher's Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. The student will assist and work cooperatively with school personnel. The student aid will need to be punctual, cooperative, and efficient in assigned duties in order to receive credit. The course is only offered as Pass/Fail. No letter grade will be earned. Potential duties will be assisting elementary teachers in the classroom, office assistant, library assistant, assisting Junior High teachers with RtI. \*Waivers may be granted at the discretion of the Principal.