

South Central High School

Curriculum Guide

2014 - 2015

SOUTH CENTRAL HIGH SCHOOL 2014 - 2015 CURRICULUM GUIDE

TABLE OF CONTENTS

TABLE OF CONTENTS.....	2
INTRODUCTORY REMARKS.....	3
SCHEDULING AND ASSIGNMENTS.....	4
REQUIREMENTS FOR GRADUATION.....	4
REQUIREMENTS FOR HONORS DIPLOMA.....	5
EHOVE CAREER CENTER.....	6
P.S.E.O. (POST SECONDARY EDUCATION OPTION).....	6
EARLY GRADUATION	6
ALTERNATIVE INSTRUCTION.....	6
CREDIT FLEXIBILITY.....	6
CLASS STANDINGS.....	7
RULES FOR SCHEDULING.....	7
SCHEDULING CHANGES.....	8
<u>HIGH SCHOOL COURSE OFFERINGS</u>	
AGRICULTURAL EDUCATION.....	9
ART.....	11
BUSINESS / TECHNOLOGY	13
ENGLISH.....	14
FAMILY AND CONSUMER SCIENCE.....	16
HEALTH AND PHYSICAL EDUCATION.....	17
MATHEMATICS.....	18
MUSIC.....	20
SCIENCE.....	21
SOCIAL STUDIES.....	22
SPANISH.....	24
SCHOOL TO WORK COURSES.....	25
SPECIALIZED INSTRUCTION CURRICULUM.....	26

INTRODUCTORY REMARKS

Dear Parents and Students:

We strongly feel that this Curriculum Guide is the bridge to YOUR future. Our teachers have aligned our course offerings with the state indicators for the Ohio Graduation Test (OGT) and Ohio's New Learning Standards. At the same time we are creating a community of lifelong learners that will function as responsible, self-sufficient citizens of a global society. Our goal is for South Central High School to be a pathway for students to become productive, to have meaningful careers, and to become responsible adults in our society.

As you peruse the questions below, you can see how decisions you are being asked to make today in registering for classes fits into the "big picture" of a student's future life. A student's life tomorrow may well be the result of the choices that he or she makes today when planning for the future and registering for classes. So please take the time to thoroughly explore and discuss the importance of setting academic goals, and making sure that the courses you register for reflect those goals.

Consider all possible factors before you turn in a schedule request form.

Questions to be asked may include the following:

- What is the student's career goal? What does the student see himself or herself doing five years after completing his or her formal education?
- How can the student attain that goal? What type of education does the student need?
- What courses should be taken at South Central that align with the pathway to that career?
- What courses might help enhance the student's interests?
- What courses does the student need in order to graduate on time?
- Will this schedule "challenge" the student?
- Has the student taken the prerequisites for the classes he or she has chosen?
- Has the student taken enough classes to meet requirements for athletic participation?
- Does the student have at least six classes per semester?
- Has the student taken the necessary courses for admission to EHOVE Career Center?
- Has the student taken appropriate academic classes to meet college entrance requirements? (A student may change his or her mind about whether or not to attend college. It is better to be prepared.)

We are all very concerned with providing each of our students with a sound and meaningful education. The extra time and thought spent now, before scheduling, will help things run smoothly for all concerned next year.

Committed to Excellence,

Wayne Hinkle
Principal

Julie Cashen
School Counselor

SCHEDULING AND ASSIGNMENTS

Schedules are provided to each student at the end of the preceding school year or upon enrolling. This schedule is based upon each student's needs and available class space. Any changes in a student's schedule will be handled through the School Counselor. It is important to note that some courses may be denied because of available roster space or because a student has not fulfilled the prerequisites. Once approved, students are expected to follow their schedules. Any variations will only be approved by the principal or school counselor.

SOUTH CENTRAL HIGH SCHOOL REQUIREMENTS FOR GRADUATION

The minimum requirements for graduation:

English	4 units
Social Studies	3 units
Science	3 units
Mathematics	4 units
Health and PE	1 unit
Fine Arts	1 unit
Electives	<u>6 units</u>
Total	22 units

FOR ALL GRADUATES -All students must complete at least two semesters of fine arts taken any time in grades 7-12. Students following a career-technical pathway are exempted from this requirement.

-Electives units must include one or any combination of foreign language, fine arts, business, career-technical educ., family and consumer sciences, technology, agricultural educ. or English language arts, mathematics, science or social studies courses not otherwise required.

FOR ALL GRADUATES

- Required courses include PE 1 and Health and either PE 2 or PE2/Weights 1, History 9 (Freshmen Year), History 10 (Sophomore Year), and Government (Junior Year).
- Units earned in English language arts, mathematics, science, and social studies delivered through integrated academic and technical instruction may be used to fulfill the requirements of English, mathematics, science, and social studies for graduation.
- Students must pass all parts of the **Ohio Graduation Test (OGT)** in order to graduate from high school.
- In order for a senior attending South Central High School to graduate, he or she must pass at least four (4) classes during the second semester of the senior year.

Students who fail required subjects must repeat those subjects until high school credit is earned.

HONORS DIPLOMA

To receive an Honors Diploma from the State of Ohio, the student must pass all five parts of the Ohio Graduation Test and successfully meet 7 of the following 8 criteria:

1. Four credits of English
2. Four credits of Mathematics (Algebra I & II, Geometry and another higher level course)
3. Four credits of Science (Physics and Chemistry included)
4. Four credits of Social Studies
5. Three credits of one Foreign Language or two credits each of two Foreign Languages
6. One credit of Fine Arts
7. An accumulative GPA of 3.50 or higher, up to the last grading period of the senior year
8. One of the following:
 - a. ACT Composite of 27 or more, or an SAT Composite of 1210 or more on math and reading

Diploma with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including:

- | | |
|---------------------------|----------------------------|
| ½ unit physical education | ½ unit in American history |
| ½ unit health | ½ unit in government |

NOTE: There is also a separate set of criteria for those students who complete an intensive career-technical educational curriculum for those students who choose to attend EHOVE. The student must pass all five parts of the Ohio Graduation Test and successfully meet 7 of the following 8 criteria:

1. Four credits of English
2. Four credits of Mathematics (Algebra I & II, Geometry and another higher level course)
3. Four credits of Science (Including 2 units of advanced science)
4. Four credits of Social Studies
5. Four credits in a career-technical program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post-secondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio Career-Technical Competency Assessment or the equivalent.
6. Achieve the proficiency benchmark established for the applicable Ohio Career-Technical Competency Assessment (available at http://www.webxam.org/info_docs.asp,) or equivalent assessment aligned with state-approved and industry validated technical standards.
7. An accumulative GPA of 3.50 or higher, up to the last grading period of the senior year
8. One of the following:
 - a. ACT Composite of 27 or more, or an SAT score of 1210 or more on math and reading

NOTE: The student who achieves the highest GPA will be designated as the Valedictorian and the 2nd highest GPA will be the Salutatorian.

EHOVE

Students who intend to enroll at EHOVE or go to the Firelands Campus of B.G.S.U. for Tech Prep must have completed two years of high school and should plan ahead to be sure they are earning all necessary credits required for graduation and/or college entrance. See the school counselor for programs at EHOVE. The following classes must be successfully completed before enrolling:

English 9, 10	2 credits	Health	½ credit
Math	2 credits	Phys. Ed.	½ credit (1/4 credit for each)
History 9, 10	2 credits	Science	2 credits
		Electives	1 ½ credits

Sophomores will listen to an EHOVE representative during the school day, followed by a field trip to the EHOVE campus at a later date. This gives the students an opportunity to experience EHOVE first-hand, and be exposed to the programs offered there. Some of these programs fill up very quickly when it comes time to register for the next year, so students should submit their applications to the guidance office in a timely manner.

POST SECONDARY EDUCATION OPTION

The P.S.E.O.P. allows a student with a minimum GPA (as set by the college) or above to enroll in college courses that simultaneously count for high school credit. With permission from the building principal, students may apply for enrollment in P.S.E.O.P. after a winter meeting that is held for all potential P.S.E.O.P. students and their parents. This meeting will detail how the program works. This meeting is mandatory for both the student and at least one parent.

EARLY GRADUATION

The South Central Board of Education, recognizing the fact that there may be some students who do not need to spend a full four years in high school, adopted the following policy regarding high school graduation. A written statement of approval must be obtained from the parents and/or guardian. A student desiring to graduate early shall have completed at least the first semester of the junior year at the South Central School before submitting a letter of intent. A student must have six semesters of attendance at South Central High School or other high school residence for consideration for early graduation. A student enrolled in a two-year program at EHOVE will not be permitted to apply for early graduation.

ALTERNATIVE INSTRUCTION

Permission to attend summer school, take college courses, take correspondence courses, private instruction, or credit flexibility must be secured from the principal prior to that instruction. This would include independent study, which is established between the student and a teacher for courses not covered in the regular curriculum.

CREDIT FLEXIBILITY

In accordance with state law and Ohio Department of Education guidelines, South Central Local School District has developed a Credit Flexibility program. Credit flexibility shifts the focus from “seat time” to performance. Students can earn units of high school credit based on an individually approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology and demographics, and to meet the demand for the 21st century skills. This program allows students to earn credits toward graduation requirements by:

1. completing coursework;
2. testing out or showing mastery of course content (the NCAA does not accept this option);
3. pursuing an educational option and/or an individually approved option and/or;
4. any combination of the above

ELIGIBILITY FOR CREDIT FLEXIBILITY

Any student entering 8-12 who:

1. Meets the established course pre-requisites.
2. Demonstrates competency in the content area he/she wishes to study further.
3. Possesses sufficient skills or knowledge to be able to work independently.
4. Analyzes, synthesizes and evaluates information and resources well.
5. Researches independently and completes learning activities on time.

In order to participate in this program, a student and his/her parent must present their request on a proposal form which can be obtained from the school counselor and which will be reviewed by the Credit Flexibility Option Panel.

CLASS STANDINGS

The purpose of class standings is to provide students with benchmarks towards graduation. The purpose of many of the activities such as Prom and Class Rings, is to celebrate working towards graduation. A student does not earn a class standing because of age; it is based solely on the accumulated number of credits earned.

Class standings:

9th grade (Freshman) – Successful completion of 8th grade

10th grade (Sophomore) – Earned at least 5.5 High School Credits

11th grade (Junior) – Earned at least 11 High School Credits

12th grade (Senior) – Earned at least 16.5 High School Credits

Graduation – Earned at least 22 High School Credits

All South Central students who are in their second year of high school will take the Ohio Graduation Test regardless of their class standing.

RULES FOR SCHEDULING

1. All students are required to take at least six (6) classes each semester. (Must be considered full time between P.S.E.O.P. courses and high school courses and taking the equivalent of 6 high school credits).
2. Credit for completing one semester of a full-year subject will not be granted, with the exception of students participating in the post-secondary options program (P.S.E.O.P.).
3. Subjects must be taken in proper sequence when applicable. Pre-requisites are the requirement(s) that must be met before the student can enroll in a particular course. A course and its prerequisite cannot be taken simultaneously unless the principal has granted prior permission. Students should check the prerequisite(s) for individual courses before scheduling those courses.
4. Once credit has been received from an upper level course in a given subject area, permission will not be granted to take a lower level course in the proper sequence if applicable.
5. Students cannot receive credits from two different classes meeting during the same period of time unless the principal has granted prior permission.
6. A Senior may qualify for early sign-out for seventh period if they have earned 16.5 or more credits, have already passed all parts of the OGT, have no D's or F's on the most recent grade card or interim report, have good attendance (i.e. is not an attendance or tardy problem), and is in good standing with graduation requirements. The principal must grant prior permission, and the privilege may be revoked at the principal's discretion. Seniors may not have early sign-out and a study hall. **The student must be passing 5 courses to be eligible for extracurriculars.**

7. If a student does not schedule within the time allotted, the office staff will assign a schedule that they feel best suits the student. That schedule will be based on classes available after all other students have been scheduled.

SCHEDULE CHANGES

During the time between registration and the end of the school year, students and parents may discuss and request changes of courses in the student's schedule; however, **no courses will be changed in a student's schedule after June 9, 2014 unless:**

1. A technical error was made in the process of scheduling the student's request.
2. The student has been clearly academically misplaced.
3. There is a scheduling conflict.
4. One of the student's classes has been cancelled.
5. The principal grants special permission.
6. **Students who enroll into programs at EHOVE will spend ten (10) school days within that enrollment before returning to the home school.**
7. After consulting with the parents, the principal has the final ruling on all schedule issues and changes. If requested after the June 9th date, the principal will only consider schedule changes if the student has been academically misplaced, has good attendance, has good behavior, and completed his/her assignments to the best of his or her ability (including seeking additional help from the teacher).
8. A student who drops a course after the deadline may have to take an "F" in this course.

Procedures for class changes before the June 9th deadline:

1. When upcoming seniors receive their schedules in the spring, they may make changes only during the following week.
2. Juniors will make changes during the second week after they have received their schedule.
3. Sophomores will make changes during the third week after they have received their schedule.
4. Freshmen may make schedule changes during the first two weeks of May with consent of a parent.
5. Schedule changes in the fall will only happen for special circumstances as noted above and will require permission of the principal.

Remember, schedules will not be changed after the June 9, 2014 deadline

WILDLIFE, FISHERIES & NATURAL RESOURCES 9 – 12 1 credit (2 semesters) 9095
Subject Code: 010710

This course emphasizes the important role that wildlife and natural resources play in our ecosystem and world today. In this course, the student will learn to identify natural plants and wildlife, especially those found in this part of our country. Students will learn about the habitat of wildlife, and the necessity of preserving some of the habitat to promote our natural resources.

Prerequisite: NONE; FFA enrollment

ANIMAL SCIENCE AND TECHNOLOGY 9-12 1 credit (2 semesters) 9092
Subject Code: 010910

Competencies taught are forestry, plant and animal sciences (including nutrition and health), concrete chemical controls, fertilizers, pest management, dairy foods, computers, FFA leadership skills, and public speaking.

Prerequisite: Agriculture Food and Natural Resources, FFA enrollment

PLANT & HORTICULTURAL SCIENCE 9 – 12 1 credit (2 semesters) 9097
Subject Code: 010155. First semester will be what was formerly known as floriculture.

Competencies taught plant, produce and market agriculture

Prerequisite: FFA enrollment

GREEN ENERGY MANAGEMENT 9 – 12 1 credit (2 semesters) 9098
Subject Code: 010715

Students will apply basic principles of energy and efficiency to heating, power generation and transportation, managing both renewable and non-renewable energy sources including, solar, thermal, hydrogen generation, photovoltaic, hydroelectric, biomass use, geothermal heat transfer, and fossil fuel.

Prerequisite: FFA enrollment

FOOD SCIENCE and TECHNOLOGY 9 –12 1 credit (2 semesters) 9099
Subject Code: 011020

Competencies will be taught food chemistry and microbiology to processing, preservation, packaging, storage and marketing of good products. Learners will demonstrate knowledge of safety regulations and operate and maintain equipment and facilities.

Prerequisite: NONE; FFA enrollment

ART

ART I 9 – 12 1 credit (2 semesters) 9011
The first year art course covers the fundamentals of drawing throughout the first quarter. Areas covered for the remainder of the school term include: Elements and principles of design, color theory, painting, and three dimensional work. A sketchbook of independently produced drawings is a COURSE REQUIREMENT. Exams are given at the end of each semester.

Prerequisite: NONE

ART II 10 – 12 1 credit (2 semesters) 9012
The second year program begins with a review and reinforcement of drawing techniques. This program will also include studies in two and three-dimensional design, painting in the mediums of tempera, acrylic, and printmaking. As in Art I, a sketchbook of independently produced drawings is a COURSE REQUIREMENT. Exams are given at the end of each semester.

Prerequisite: Grade of B or better in Art I
or with instructor's approval

ART III 11, 12 1 credit (2 semesters) 9013
The third year course is an extension of the second year program with more advanced assignments in the drawing field. Oil and/or acrylic painting will be studied in this course with an emphasis on using the paintings of world masters as a guide. Further areas will include advanced printmaking and three-dimensional work in sculpture, ceramics or textiles. A sketchbook of independently produced drawings is a COURSE REQUIREMENT. Exams are given at the end of each semester.

Prerequisites: Grade of B or better in Art I and Art II
or with instructor's approval

ART IV 12 1 credit (2 semesters) 9035
This course may be offered per request through the guidance office.

Prerequisites: Grade of B or better in Art I, Art II and Art III
or with instructor's approval

ADVANCED ART 12 ½ credit (1 semester) 9034/9030
This is an independent study art course for the serious and advanced art student looking to develop a portfolio, pursue art in college, or simply enjoys what art has to offer. Students are given opportunities to work with a wide range of medium and independently create projects within limited guidelines and a set time frame. Students are required to develop a portfolio of work created throughout the year and display their work creatively and aesthetically at the Art Show at the end of the year. Grades are based upon this personal display and portfolio, creativity, critical thinking, and individual critique and evaluation.

Prerequisite: Instructor's approval

DRAWING AND PAINTING 10 – 12 1 credit (2 semesters) 9014

This course is for the intermediate art student who wishes to further his or her development in drawing and painting through the inspiration of famous artists known for their paintings and drawings. Students start the first semester learning various drawing techniques with pencils, charcoal, as well as pen & ink. The second semester focuses on painting techniques with tempera, acrylic, watercolor, and oil. A detailed graded sketchbook is kept throughout the year for notes, brainstorming, homework, tests/quizzes, and evaluations. Other grades are based upon personal effort, attitude, creativity, craftsmanship, critical thinking, and critique.

Prerequisite: Grade of B+ or better in Art 1 or other previous art courses
or with instructor's approval

DIGITAL ART 1 9 – 12 ½ credit (1 semester) 9025

This is a computer-based studio art class for students wishing to gain experience in digital arts media with a concentration in graphic design. Other topics covered include digital photography, mixed media artworks, and animated shorts. Software used in class includes Adobe Photoshop, Illustrator, and InDesign. Design concepts including composition will also be covered. Emphasis will be placed on creating original images as well as manipulating existing images.

Prerequisite: None

DIGITAL ART 2 9 - 12 ½ credit (1 semester) 9026

Digital Art II will pick up where digital art left off. Photoshop will be used however students will use Photoshop as well as other programs to create web-based designs, and create their own website. Simple animations will also be created using Adobe After Effects. Concepts learned in Digital Art I such as digital photography and typography will be learned in depth.

Prerequisite: Grade of B or better in Digital Art I or with instructor's approval.

DESIGN 9 – 12 ½ credit (1 semester) 9020

Design is a beginning art class that focuses on the elements and principles of design. This will be a hands on project based class that uses a variety of media including drawing and painting. As an example students would learn about the principle of unity and create a painting that exhibits unity by using a limited amount of colors repeated throughout their design.

Prerequisite: None

THREE DIMENSIONAL ART 9 – 12 ½ credit (1 semester) 9031

Three Dimensional Art is a studio art class in which students will rely heavily upon the use of ceramics in order to construct projects. Basic construction methods such as pinch, slab, and coil will be learned in addition to more advanced techniques. Students will not only use clay to create three dimensional projects but also other materials such as wood, cardboard, foamboard, collage or assemblage items, wire, etc.

Prerequisite: None

Prerequisite: Grade of C or better in previous English class
or with instructor's approval

YEARBOOK 10 – 12 ½ credit (1 semester) 3042

This course will involve producing the publication of the annual yearbook. The course is designed to improve multimedia skills, writing skills and problem solving skills. Students will be involved in goal setting, planning, meeting deadlines, following timelines and following publisher's requirements.

Prerequisite: Grade of C or better in previous English class
or with instructor's approval

ENGLISH COMPOSITION I (college) 11-12 .6 credits (1 semester) 3050

This is a face to face dual enrollment course and requires the student to meet admission requirements of North Central State College. This is a basic course in expository writing and critical reading. Students read a variety of nonfiction works and write summaries, analysis, essays, and a researched argument in response to their reading. Students learn to read actively and accurately and to organize, develop, and revise coherent papers appropriate for a college-educated audience. Successful completion of this course will earn 3 college credits for the student. **Must take English Composition I and II to count as the high school English credit.**

Prerequisite: English 10 and meet admission requirements of North Central State College

ENGLISH COMPOSITION II (college) 11-12 .6 credits (1 semester) 3051

This is a face to face dual enrollment course and requires the student to meet admission requirements of North Central State College. This is a course in argument and research writing. Students read issue-based works and write summaries, responses, and an argument and research paper. Students learn to organize research projects, find and evaluate sources, incorporate ideas and quotations from sources, document their sources in MLA and APA style, analyze and use argumentative strategies and persuasive appeals, and prepare and revise effective, coherent papers. Successful completion of this course will earn 3 college credits for the student.

Prerequisite: Composition I with C- or better.

INTRO. TO LITERATURE (college) 12 .6 credits (1 semester)

This is an online dual enrollment course and requires the student to meet admission requirements of Owens Community College. The course introduces major literary genres, including fiction, poetry, and drama. Emphasizes discussing and analyzing basic principles of form, content, theme and technique in various wide-ranging examples of literary work. Successful completion of this course will earn 3 college credits for the student. **Must take Intro. to Lit. and Public Speaking to count as high school English credit.**

Prerequisite: English Comp. I (college)

PUBLIC SPEAKING (college) 12 .6 credits (1 semester)

This is an online dual enrollment course and requires the student to meet admission requirements of Owens Community College. This course provides students with the basic principles of public speaking through lecture and evaluation of individual speeches. Emphasis is on the audience-centered approach to informative and persuasive speaking. Students will be expected to give a number of speeches throughout the semester. Successful completion of this course will earn 3 college credits for the student. **Must take Intro. to Lit. and Public Speaking to count as high school English credit.**

Prerequisite: English Comp. I (college)

FAMILY & CONSUMER SCIENCE

COOKING EXPERIENCES (limit 20 per class) 11, 12 ½ credit (1 semester) 7009
(Nutrition)

This course will teach the student to:

- Take responsibility for safety and sanitation including obtaining and storing food properly
- Plan, prepare, and serve nutritious meals, dishes, and snacks
- Learn different entertaining styles and techniques
- Select and use the proper equipment and supplies for the task at hand
- Prepare and serve foods from the nutrition pyramid to promote wellness to self and others
- Group decision making, hands-on experience and cooperation will be a part of the labs held once per week
- Use science principles of functions, ingredients and procedures in preparation
- Know and use basic math procedures in equivalents, measuring, increasing/decreasing, amounts, percentages, temperatures, cost/serving, a food budget, and time/work scheduling
- Complete a mandatory student cookbook project
- Be active in class participation and cooperation, as both are important in this course and are required from all students

Prerequisite: None

GLOBAL FOODS (limit 20 per class) 9-12 ½ credit (1 semester) 7042

This class will teach students to:

- Explore other cultures and food customs
- Explore foods and tastes of other countries
- Research foreign countries, their foods, and their foods' effect on health patterns
- Use and practice basic food knowledge
- Practice safe and sanitary kitchen behaviors
- Evaluate global menus and their nutritional values
- Complete a mandatory student cookbook project

Prerequisite: None

TEEN LEADERSHIP CORPS 10-12 1 credit (2 semesters) 7050

The Teen Leadership Corps curriculum is designed to engage its students in a meaningful set of community service activities: planning, community education, budgeting, volunteer recruitment and management, public relations and fundraising. In this class, teams of students will design and implement a coordinated series of projects related to Teen Leadership Corps' primary mission of intergenerational service to the school and community. Students will be required to complete an application, demonstrate good citizenship skills, and complete a student contract.

Prerequisite: None

HEALTH AND PHYSICAL EDUCATION

PHYSICAL EDUCATION 1 ¼ credit (1 semester) 6003

The purpose of this course is to further educate students through physical activity. This course provides instruction in the fundamentals of individual and team sports and promotes physical fitness with special emphasis on sports and exercises that will carry over into later life.

Prerequisite: None; **Required for all Freshmen**

PHYSICAL EDUCATION 2 ¼ credit (1 semester) 6004

The purpose of this course is to further educate students through physical activity. This course provides instruction in the fundamentals of individual and team sports and promotes physical fitness with special emphasis on sports and exercises that will carry over into later life. **This course may be used for physical education graduation requirement.**

Prerequisite: PE 1

ADVANCED PHYSICAL EDUCATION 11 or 12 ¼ credit (1 semester) 6010

This course involves many two to three-week segments of the following leisure time activities: golf, archery, bowling, table tennis, badminton, shuffleboard, orienteering, horseshoes, square dancing, ultimate Frisbee and various team sports. This class can only be taken one semester for credit.

Prerequisites: Grade of B or better in Phys. Ed 1 and Phys. Ed 2 or Phys.Ed 2/Wts., and junior or senior class standing or with instructor's approval

HEALTH 9 ½ credit (1 semester) 6001

The World Health Organization defines *health* as a state of complete physical, mental and social well being. To help facilitate the student's life, the learning experiences in the classroom revolve around the following: personal regimen (activities for which the individual is responsible); professional health services (the work of doctors, dentists, nurses, clinics and hospitals); public health (duties performed by official and voluntary health agencies); mental health (happiness and control of emotions); social health (boy-girl relationships, teen-dating violence, family life, getting along with other people); temperance (alcohol, tobacco and narcotics); and cardiopulmonary resuscitation.

Prerequisite: None; **Required for all Freshmen**

PE 2/WEIGHT LIFTING I 10, 11, 12 ¼ credit (1 semester) 6011

The class provides the opportunity for students to work to obtain personal goals in body weight, body fat and strength through weight training and conditioning. The course will require one period per week in the classroom to lecture on the following related topics: safe practices in weight lifting, measuring body fat, goal setting, designing a weight lifting program, nutrition, common lifting injuries, how the muscles work, advanced lifting techniques, and competition lifting. **This course may be used for physical education graduation requirement.**

Prerequisites: PE 1

WEIGHT LIFTING II 10, 11, 12 ½ credit (1 semester) 6012

WEIGHT LIFTING III 11, 12 ½ credit (1 semester) 6013

WEIGHT LIFTING IV 12 1 credit (2 semesters) 6014

These are advanced courses in weight lifting, and are taken in succession. In addition to topics taught in Weight Lifting I, a more in-depth study of anatomy and kinesiology, along with additional advanced lifting techniques will be addressed. Students will also learn concepts of gym selection, personal weight training program design, and rehabilitation procedures.

Prerequisite: Grade of B or better in preceding weight lifting course or with instructor's approval

MATH FOUNDATIONS 12 1 credit (2 semesters) 2024

This course is designed for senior students who are not planning on a math intensive career pathway. This course will be a review and extension of algebra, geometry, probability, statistics, and other mathematical functions. The purpose is to prepare students for college placement tests, and for math courses they might need in the next step along their career pathway.

Prerequisites: Algebra II, and Geometry or with instructor's approval

COLLEGE ALGEBRA 12 1 credit (1 semester) 2070

This face-to-face course is a dual enrollment course and requires the student to meet admission requirements of North Central State College. This course addresses equations and inequalities, functions and relations, exponential and logarithmic functions, systems of equations, matrix operations, sequences, series, and topics in analytic geometry. A graphing calculator is required. Successful completion of this course will earn 5 college credits for the student.

Prerequisites: Algebra II, Geometry, and Pre-Calculus or with instructor's approval

COLLEGE TRIGONOMETRY 12 1 credit (1 semester) 2060

This face-to-face course is a dual enrollment course and requires the student to meet admission requirements of North Central State College. This course addresses angles and their methods of measurements, definitions and graphs of trigonometric functions and their inverses, trigonometric identities, solving conditional trigonometric equations, applications of trigonometry and related topics. A graphing calculator is required. Successful completion of this course will earn 5 college credits for the student.

Prerequisites: College Algebra – If a student takes College Algebra and College Trig., they will have met their college Pre-Calc. requirement and be eligible to enter College Calculus.

VARIABLE RELATIONSHIPS (college) 11-12 .6 credit (1 semester)

This face-to-face course is a dual enrollment course and requires the student to meet admission requirements of North Central State College. This course primarily presents variable relationships, both algebraically as well as graphically. A short presentation of descriptive statistics is included. Topics include dimensional analysis, algebra skills, functions, equation solving, ration and proportion, variation, working with formulas, and additional emphasis on applied problems. Successful completion of this course will earn 3 college credits for the student.

Prerequisites: Algebra II, and Geometry

STATISTICS (college) 11-12 .6 credit (1 semester) 2400

This face-to-face course is a dual enrollment course and requires the student to meet admission requirements of North Central State College. This course emphasizes the understanding of statistical methods and the use of critical thinking in analyzing sets of data so as to make productive decisions. Topics covered include: descriptive statistics, measures of central tendency, measures of dispersion, graphical displays of data, distribution, the normal probability distribution, the Student-t distribution, confidence intervals, sampling techniques, the Central Limit Theorem, hypothesis testing, Type I and Type II errors, p-values, linear regression and correlation concepts. A graphing calculator is required. Successful completion of this course will earn 3 college credits for the student.

Prerequisites: Algebra II and Geometry.

MUSIC

CHORUS 9 – 12 1 credit (2 semesters) 9015

Students wishing to join must see the director to schedule a mandatory audition before registering for the course; however, submitting to an audition does not guarantee acceptance into the choir. The chorus members learn the basics of proper breathing, voice production, ensemble singing, and performance. Members will be required to perform at events outside of school time (i.e. evenings or weekends).

Prerequisite: A reasonably pleasant singing voice and a good performance attitude

BLACK AND GOLD ENSEMBLE 11 – 12 1 credit (2 semesters) 0003

The Black and Gold ensemble studies and performs a wide selection of popular styles that comprise the field of vocal jazz music. These styles include blues forms, swing, bebop, rock and roll, Latin American, and fusion. Students will develop specific performance skill to include tone production, vocal technique and music reading abilities appropriate to the style. Membership is by solo and group audition.

Prerequisite: Student must be a member of the high school choir

BAND 9 - 12 1 credit (2 semesters) 9017

Students are not required to have been in band previously. This group will perform as Marching Band in the fall until the end of football season, then convert to Concert Band for the remainder of the academic school year. Please note that grades in this class depend heavily on after-school activities such as parades, concerts, and after-school rehearsals. There will be auditions for chair placement purposes. There are also opportunities to be a part of the pep band and jazz band in addition to other performance groups.

Prerequisite: None for Band but for Concert Band the student had to be a part of 8th grade band with a grade of C or better or by audition.

INTRODUCTION TO GUITAR 9 – 12 ½ credit (1 semester) 9019

This class will teach the fundamentals of playing guitar, as well as the principles of music reading and notation.

Prerequisite: None. You do not need to own a guitar for this course.

ADVANCED GUITAR 9 – 12 ½ credit (1 semester) 9010

This class offers an in-depth look past the introduction concepts, and into more advanced playing techniques. A focus will be given to learning additional chords and songs, as well as an increased proficiency in music reading and theory comprehension.

Prerequisite: Intro. To Guitar with grade of C or better or audition. You do not need to own a guitar for this course.

MUSIC APPRECIATION (college) 10-12 .6 credit (1 semester) 0004

This face-to-face course is a dual enrollment course through Owens Comm. College and requires the student to have a cumulative GPA of 3.0 by the end of the previous year of school. Intended for the student with no formal training in music, this course introduces the basic elements of: rhythm, melody, harmony, genre, and form. The remainder of the course investigates classical or art music of the Western tradition. Important genres (symphony, opera, oratorio, string quartet, art song) and composers are studied in historical context. Successful completion of this course will earn 3 college credits for the student.

Prerequisite: Cumulative GPA of 3.0 from previous year

HISTORY OF POPULAR MUSIC (college) 10-12 .6 credit (1 semester) 0005

This face-to-face course is a dual enrollment course through Owens Comm. College and requires the student to have a cumulative GPA of 3.0 by the end of the previous school year. Evolution of commercial music from musicals, big band, rock and roll, to R and B, hip-hop, contemporary jazz-rock. For students with little or no musical training. Successful completion of this course will earn 3 college credits for the student.

Prerequisite: Cumulative GPA of 3.0 from previous year

SOCIAL STUDIES

HISTORY 9 9 1 credit (2 semesters) 4018
Ninth grade students continue the chronological study of world history. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills. Study areas will include: Enlightenment ideas, Industrialization, Imperialism, WW I and the Russian Revolution, and the 20th century conflicts of WW II and the Cold War. Attention will be given to OGT preparation.

Prerequisite: None; **Required for all Freshmen**

HISTORY 10 10 1 credit (2 semesters) 4045
This class involves American History and related topics in World History from 1920-present. Students will be able to infer what type of impact America has on the rest of the world. Critical thinking and writing skills will also be stressed. Attention will be given to OGT preparation.

Prerequisite: U.S. History 9; **Required for all Sophomores**

AMERICAN GOVERNMENT 11 1 credit (2 semesters) 4033
This full year course covers our federal system of government – its background, development and the philosophies/concepts on which America is founded. Primary source documents (in particular, the US Constitution) will be evaluated to determine where these basic philosophies/concepts can be found. Students will learn about the American political system (parties, nomination, elections and voter behavior) and study the branches of government. Economics and finance are also parts of this course. **This course is required for graduation** unless student takes the college American Government/Intro. to Economics courses.

Prerequisite: **Required for all Juniors.**

SOCIOLOGY 11, 12 ½ credit (1 semester) 4040
Sociology deals with the way man becomes a part of the society around him. Emphasis will be placed on group norms and interaction. The course will also deal with many of the current social problems of the day. Students will use scientific method in study of human relations through observation and survey of classmates and family.

Prerequisite: None

PSYCHOLOGY 11, 12 ½ credit (1 semester) 4013
This course will explore the various theories of noted psychologists (i.e. Freud, Jung, Adler, Skinner, etc.) and subjects such as conditioning and emotional status will be covered. Students will be preparing for college level course work in psychology. Reading and lectures will constitute much of the class requirements, but students will also read case studies and observe films of psychological experiments.

Prerequisite: None

AMER. POLITICS & ISSUES (college) 11,12 .6 credit (1 semester)

This face-to-face course is a dual enrollment course and requires the student to meet admission requirements of North Central State. This course involves an examination of the governmental leaders, institutions and processes in the United States. Special emphasis is placed on controversial issued related to American government and its leadership. **Both American Politics & Issues and State and Local Government must be taken to receive the high school credit for Government.** Successful completion of this course will earn 3 college credits for the student.

Prerequisite: B or better in American History (History10) and in English 10.

STATE & LOCAL GOVERNMENT (college)11,12 .6 credit (1 semester)

This online course is a dual enrollment course and requires the student to meet admission requirements of Owens CC. This course introduces the structure, processes and institutions of American state and local government. Topics include three branches of government, the federal-state relationship, political parties, voting behavior and interest groups. Emphasis on the public policy and public service roles of state and local government in education, public safety, transportation, health and welfare and economic development. **Both American Politics & Issues and State & Local Government must be taken to receive the high school credit for Government.** Successful completion of this course will earn 3 college credits for the student.

Prerequisite: B or better in American History (History 10) and in English 10.

SOCIOLOGY (college) 11,12 .6 credit (1 semester)

This online course is a dual enrollment course and requires the student to meet admission requirements of Owens CC. This course introduces fundamental concepts of sociology to provide the student with a more comprehensive understand of social organization, social process and group relationships as well as an understanding of sociology as a branch of the social sciences.

PSYCHOLOGY (college) 11,12 .6 credit (1 semester)

This online course is a dual enrollment course and requires the student to meet admission requirements of Owens CC. The course provides an overview of topics relevant to contemporary psychology. Covers learning, motivation, physiology, abnormal behavior and therapy, intelligence, sleep/dreams, altered states of consciousness, social behavior, human growth and behavior, personality development and the roles of heredity and environment in determining behavior.

SPECIALIZED INSTRUCTION CURRICULUM

STUDY SKILLS 9 – 12 1 credit (2 semesters) 9080

This course is for IEP students, and is designed as a combination of OGT preparation, enhancement of a student’s study habits, life skills preparation, and a guided study hall. Students will be responsible for daily assignment notebooks as well as additional assignments and lessons relating to the outlined skills.

Prerequisite: Student must be on LD or CD IEP and will be assigned to the class

MATHEMATICS

Basic Math	9	Required/School Placement Freshman	1 credit	(2 semesters)	2015
Basic Math	10	Required/School Placement Sophomore	1 credit	(2 semesters)	2012
Basic Math	11	Required/School Placement Junior	1 credit	(2 semesters)	2017
Basic Math	12	Required/School Placement Senior	1 credit	(2 semesters)	2018

This course is for IEP students and each student is placed into a mathematical program, by the intervention specialist, that fits his/her individual needs and achievement level. The emphasis in basic math includes basic computation skills, life-skills problems, consumer-math, geometry, and algebra.

ENGLISH

English	9	Required/School Placement Freshman	1 credit	(2 semesters)	3014
English	10	Required/School Placement Sophomore	1 credit	(2 semesters)	3012
English	11	Required/School Placement Junior	1 credit	(2 semesters)	3017
English	12	Required/School Placement Senior	1 credit	(2 semesters)	3018

This course is for IEP students and each student is placed into an English program, by the intervention specialist, that fits his/her individual needs and achievement level. Emphasis in basic English include the improvement of reading comprehension, acquisition of vocabulary, formal and informal writing skills, and the appreciation of literature.