

Omaha Christian Academy

COURSE REGISTRATION GUIDE

2020-2021



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Christi Krehbiel
Principal

Non-Discrimination Statement

OCA admits students of any race, color, national, or ethnic origin to all rights, privileges, programs, and activities generally accorded or made available to students at OCA. OCA does not discriminate on the basis of race, color, national, or ethnic origin in admissions policies, athletic, and other school administered programs.

Qualifying Information Regarding Registration Information

External and internal factors, which govern the educational programs for Omaha Christian Academy, are constantly changing throughout the year. Consequently, information as stated in this registration information document may be changed as deemed necessary by the school officials. Information, i.e. prerequisites and course offerings, are examples of information that can be affected.

Dear Students and Parents/Guardians,

The 2020-2021 academic school year is quickly approaching us! High school course selection can play a significant role in a student's post-secondary options. We encourage you to consider your options carefully. In addition to meeting graduation requirements, students should select the most challenging courses to prepare for post-secondary education and careers. Most colleges, as a part of reviewing college applicants, evaluate a student's GPA in light of their course load. As an example, Harvard admissions asks: *Has the student reached their maximum academic potential? Has the student stretched themselves?*

It is critical for both students and parents to be involved in the course selection process. You are also encouraged to seek the advice of OCA's counselor, administration, and teachers as necessary during this process. The faculty and staff are here to support your success; please don't hesitate to ask for our help during this process!

Sincerely,

Tosh Young
School Counselor

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Graduation Requirements

General Requirements

Students must have a total of 24 credit hours to graduate. In order to receive credit for a class, as student must earn a minimum grade average of 67% and have missed no more than 10 class periods. Students must attend 8 semesters of high school to graduate from OCA.

Core Curriculum Requirements

Bible	4 credits
Language Arts	4 credits
Social Science	3.5 credits
Mathematics	3 credits
Science	3 credits

Core-Related Curriculum Requirements (Class of 2021 & 2022)

Electives	5.5 credits
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Core-Related Curriculum Requirements (Beginning Class of 2023)

General Electives	4.5 credits
Fine/Performing Arts	1 credit
P.E.	.5 credit
Health	.5 credit

Grade Schedule Requirements

Grade 9	Grade 10	Grade 11	Grade 12
Bible	Bible	Bible	Bible
English 9	English 10	English 11	English 12
Math	Math	Math	Government
Physical Science	Biology	Science	
World Geography	World History	American History	
P.E./Health			

Academic Information

Grading Scale

OCA's Letter Grading System		
Letter Grade	Numeric Grade	Points
A+	99-100	4.0
A	96-98	4.0
A-	93-95	4.0
B+	90-92	3.0
B	87-89	3.0
B-	84-86	3.0
C+	81-83	2.0
C	78-80	2.0
C-	75-77	2.0
D+	72-74	1.0
D	69-71	1.0
D-	67-68	1.0
F	0-66	0.0

Grade point averages are computed by dividing the total points by the total weight factors. Course weighting is dependent on the number of times classes meet per week. *Classes that meet every other day receive a weight factor of .5, classes that meet 4 times a week receive a weight factor of .8, and classes that meet daily receive a weight factor of 1.*

Exclusions

The following classes do not receive any points, and therefore, are not included in the calculation of a student's grade point average:

- Study Hall
- Teaching Assistant
- Courses from a non-accredited high school

Advanced Courses

Some courses offered within OCA's educational program receive an additional .02 points added to the students final averaged GPA for each semester. These types of courses are as follows:

Honors Courses

Honors courses generally proceed at a faster pace and cover more material than regular classes.

Advanced Placement (AP) Courses

AP classes are college-level classes which prepare students to take AP tests at the end of the school year. Usually, students must receive a score of 3 or higher on the AP exam to earn college credit and/or "advanced placement" (hence, "AP"). These classes typically require a substantial amount of effort.

Dual Enrollment Courses

A dual enrollment class is also a college-level class given at a high school, but it counts for both college and high school credit. Unlike in AP classes, you don't need to take an exam at the end of the year to gain college credit, but you do need to earn a grade of C or higher in the class. The texts and chapters you will be required to read may even be longer than those in AP classes.

Non-Academic Courses

Non-academic courses are those that earn 0 credits. Students can take up to two of these non-academic courses per semester. These include:

Study Hall

Study Hall provides students the opportunity to work independently or receive academic help from a teacher during the school day.

Teaching Assistant

Students can request to be Teaching Assistants in their junior and senior year. This provides students the opportunity to support OCA teachers by working with younger students and preparing materials/resources for class.

Early Out

Students can request to take an Early Out, 8th period, of their senior year. This option is intended for students who are working after-school. Parents will need to provide a written note requesting Early Out that includes a description of the work-related circumstances necessitating being released early from school.

Preparing for College

Preparing for college can begin as early as middle school and high school course selection is an important part of the college preparation process. Most colleges seek students who are academically prepared for the rigor of college-level courses, can contribute to the campus community, and demonstrate a clear sense of why they are a good match for that college.

What are colleges looking for in a student?

Top Factors Influencing Admissions Decisions

Each year, the National Association for College Admission Counseling (NACAC) surveys colleges and universities to determine the top factors influencing admissions decisions. Nearly 81% of all colleges and universities rated grades in all courses as “considerably important”, followed by 52% for admission test scores, and 51% for strength of curriculum. According to the 2018 “State of College Admissions Report,” the following factors, in order of importance were:

1. Grades in All Courses
2. Grades in College Prep Courses
3. Admission Test Scores (SAT, ACT)

4. Strength of Curriculum
5. Essay or Writing Sample
6. Counselor Recommendation
7. Student's Demonstrated Interest
8. Teacher Recommendation
9. Class Rank
10. Extracurricular Activities

SOURCE: NACAC Admissions Trends Survey, 2018.

College Entrance Requirements

Most colleges have similar entrance requirements regarding courses that must be taken in high school. While most of OCA's graduation requirements align with these college expectations, it is important that you research schools of interest to determine if you need to take additional courses.

Summary of University of Nebraska Core Course Requirements

Category	Units*	University Wide Requirements
English	4	All units must include reading/writing experience.
Mathematics	4	Algebra I, Geometry, Algebra II (NOTE: UNL requires one additional unit of math building on Algebra II)
Social Studies	3	American or World History, and one additional unit of History, American Government, or Geography
Natural Sciences	3	At least two units selected from Biology, Chemistry, Physics, and Earth Sciences.
Foreign Language	2	Both units must be taken in the same language.
Total Units	16	*Unit = 1 year

Additional Performance Requirements:

- be ranked in the upper one-half of their high school class, *or*
- have received an ACT composite score of 20 or higher, *or*
- have received a minimum of 3.0 GPA, *or*
- have received a SAT total score (Critical Reading and Math only) of 950 or higher.

College Admissions/Preparation Tests

There are a number of standardized tests that are offered at OCA during the school year. Each test measures different student skills and/or college placements. Here is a list of those tests:

PSAT Test (preliminary SAT test)

- national test given to all juniors in October
- measures math, reading, and writing skills
- student scores are used to determine qualification for the National Merit Scholarship competition
- students will take at OCA

ASVAB Test (Armed Services Vocational Aptitude Battery)

- test given to sophomores or juniors in the Spring
- identifies students aptitude and interests to assist students in career planning
- administered by military personnel; students do not have to be planning a military enlistment to take the ASVAB
- students will take at OCA

ACT Test (American College Test)

- state-mandated test; one of two possible entrance exams required by most four-year colleges and universities
- measures reading, English, math, science, and writing* (*optional)
- students must register online at www.actstudent.org
- ACT test is offered at various locations in Omaha
- National testing dates occur in: September, October, December, February, April, June, and July

SAT Test (Scholastic Aptitude Test)

- one of two possible entrance exams required by most four-year colleges and universities
- measures math, critical reasoning, and writing
- students must register online at www.collegeboard.com

Course Descriptions

Please refer to the following information for a detailed description outlining the overall purpose of each course. Prerequisites refer to stipulations that need to be met before a student can enroll in the desired course. In some instances, teacher approval is required for enrollment.

Color Coding:

- Courses highlighted in **blue** indicate required courses needed to meet OCA graduation requirements.
- Courses highlighted in **green** indicate courses required to meet the minimum entrance requirements of most four-year colleges.
- Courses highlighted in **orange** indicate courses that are considered a part of the rigorous four-year college track. These courses maximize a student's opportunity to prepare for college courses.

Course Duration/Availability:

- FA: Indicates courses offered Fall semester only.
- SP: Indicates courses offered Spring semester only.
- B: Indicates courses offered both Fall and Spring semesters.
 - o Note: All Bible courses, with the exception of Bible Foundations, are designed as one semester courses. Therefore, Bible courses that are offered both Fall and Spring semester will cover the same content in each semester. These classes include: Worship & the Arts, Book of Romans, and Men's/Women's Discipleship. Therefore, students should not register for these same classes two semesters in a row.

Bible Department

Apologetics

Duration: 1 semester (FA)

Grade: 10-12

Instructor: Schmidt

Prerequisites: Bible Foundations

Credits: .5 credit/semester

Notes: Class meets daily.

Apologetics is the ability to defend something in the form of a formal argument. In this course, students will practice clarifying claims about God's Truth and "always being prepared to make a defense to anyone who asks you for a reason for the hope that is in you; yet do it with gentleness and respect" (1 Pe 3:15).

Bible Foundations

Duration: 2 semesters (B)

Grade: 9-12

Instructor: Goosen

Prerequisites: none

Credits: .5 credit/semester

Note: Class meets daily. This is a required course for all freshman and new students.

Biblical Foundations is a two semester chronological Bible course focusing on key events from creation to Christ. It focuses on God's progressive revelation of Himself and His plan to rescue people from sin, Satan and death. Moving through the Old and New Testaments, Biblical Foundations highlights the themes that run through all of God's Word. This builds, from lesson to lesson, an understanding of the Bible as a whole.

Book of Romans

Duration: 1 semester (B)

Grade: 10-12

Instructor: Johnson

Prerequisites: Bible Foundations

Credits: .5 credit/semester

Notes: Class meets daily.

In this course, students will survey the Book of Romans, exploring the author, historical context, and key ideas. Students will analyze Paul's comprehensive presentation of the Christian faith.

Comparative Worldviews

Duration: 1 semester (SP)

Grade: 11-12

Instructor: Thompson

Prerequisites: Bible Foundations

Credits: .5 credit/semester

Notes: Class meets daily. This is a required course.

Comparative Worldviews is a course designed to prepare students for life beyond high school by critically evaluating various worldviews. Students will learn to recognize various worldviews and create their personal worldview, based upon Scripture.

Logic

Duration: 1 semester (FA)

Grade: 11-12

Instructor: Thompson

Prerequisites: Bible Foundations

Credits: .5 credit/semester

Notes: Class meets daily. This is a required course.

Logic is the study of the art and science of reasoning well. This course will study the basic principles of logic in relationship to God's Word.

Men's Discipleship

Duration: 1 semester (B)

Grade: 10-12; males only

Instructor: Schmidt/Nilius

Prerequisites: Bible Foundations

Credits: .5 credit/semester

Notes: Class meets daily.

This course is designed to encourage young men in their spiritual formation. Students will discuss real-world situations relevant to this important stage of life, learning to apply Biblical principles with the goal of life transformation.

Sharing Your Faith

Duration: 1 semester (SP)

Grade: 10-12

Instructor: Schmidt

Prerequisites: Bible Foundations

Credits: .5 credit/semester

Notes: Class meets daily.

This course is designed for students who are ready to take their faith to the world. Students will learn how to compassionately and effectively share the tenets of their faith with those around them.

Women's Discipleship

Duration: 1 semester (B)

Grade: 10-12; females only

Instructor: Isaacson/Young (S1), Combs/Young (S2)

Prerequisites: Bible Foundations

Credits: .5 credit/semester

Notes: Class meets daily.

This course is designed to encourage young women in their spiritual formation. Students will discuss real-world situations relevant to this important stage of life, learning to apply Biblical principles with the goal of life transformation.

Worship and the Arts through Gospels and Psalms

Duration: 1 semester (B)

Grade: 10-12

Instructor: Isaacson/Johnson

Prerequisites: Bible Foundations

Credits: .5 credit/semester

Notes: Class meets daily.

Students will focus on God's glory, Christ's radical sacrifice, and our response in worship. Students will work together alongside leaders toward a mutual goal in communication of the Gospel to their generation through artwork, music, lyrics, testimonies, poetry, digital media while exploring themes of the new life and covenant in Christ. Students will read Scripture in the Gospels, Psalms, and Prophets, take time together in prayer, journaling, reflecting, and discussing the work of God through His Word as transformative in their lives. Students will develop Christian principles that can guide them as artists, musicians, writers, and actors to make appropriate and Christ-honoring artistic decisions.

English Department

English 9

Duration: 2 semesters

Grade: 9

Instructor: Combs

Prerequisites: none

Credits: .5 credit/semester

Note: This is a required course.

Language Arts covers a review of capitalization, punctuation, subject/verb agreement, nouns, verbs, and pronouns. Essays are assigned throughout the year. Spelling and vocabulary are assigned each week. Literature focuses on the following fundamentals of the subject: types of conflict, types of characters, theme, the structure of poetry including meter, verse forms, stanza forms, and shape poetry. Another unit discusses the point of view from which a story is written. The final unit is a study of *Cyrano de Bergerac*. *Animal Farm* is a separate class study during the year. Outside reading projects are assigned throughout the year as well.

English 10

Duration: 2 semesters

Grade: 10

Instructor: Combs

Prerequisites: English 9

Credits: .5 credit/semester

Note: This is a required course.

Language Arts covers a review of adjectives, adverbs, prepositions, conjunctions, and interjections as well as proper usage and diction. Essays are assigned throughout the year. Vocabulary word families from Latin and Greek roots are assigned each week. Composition units include proper paragraph construction, exposition, using the library and writing a research paper (a yearly research paper is assigned), outlining, improving writing style, writing book reviews, writing precis (summaries), and writing a character sketch and type sketch. Literature focuses on the use of metaphors, onomatopoeia, allusion, symbol, and biography. A poetry notebook project acquaints students with various literary devices and poetic forms that are especially important in reading and understanding poetry. The final unit is a study of *Romeo and Juliet*. *Cry the Beloved Country* by Alan Paton and *Great Expectations* by Charles Dickens are separate class studies during the year.

English 11

Duration: 2 semesters

Grade: 11

Instructor: Combs

Prerequisites: English 10

Credits: .5 credit/semester

Note: This is a required course.

English 11 centers on the study of American literature; the complementary placement alongside American history is beneficial to the students as they are able to transfer what is learned in one class to the other. The text follows the chronological periods of American history beginning with the emphasis on God's guidance in the founding of the colonies through modern writings. The four major literary periods discussed include Early American (Literature of Settlement, Religious Experience, and Revolution), American Romanticism (Knickerbockers, New England writers, Transcendentalists), American Realism and Naturalism (Regionalists, Realists, Naturalists, Anti-Naturalists), and American Modernism (poetry and prose). The *Scarlet Letter* is a class study, as is Willa Cather's *My Antonia*. Outside reading projects are assigned throughout the year. Composition emphasizes expository writing skills – especially literary based essays, synthesis essays, and research-based essays; students also complete a research blog. Students learn and practice the basics of public speaking and give a persuasive speech. Vocabulary study based on Greek and Latin root families continues and students review grammar as they write.

English 12

Duration: 2 semesters

Grade: 12

Instructor: Combs

Prerequisites: English 11

Credits: .5 credit/semester

Note: This is a required course.

English 12 is a chronological survey course of British literature. The strong connection between British history and culture and the English language and literature is emphasized. Students write a variety of expository and creative compositions. Students continue studying vocabulary from Latin and Greek roots.

ENGLISH: Monster Literature

Duration: 1 semester (FA)

Grade: 10-12

Instructor: Combs

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily

Monster Literature is a high-level literature course designed to explore historic gothic literature and film such as *Frankenstein* (Mary Shelley) and *Dracula* (Bram Stoker). Students learn to examine the historical and personal forces that shaped the literature and lives of the authors as well as the theory of what monsters represent other genres such as fables and fairy tales.

ENGLISH: Great Christian Writers

Duration: 1 semester (SP)

Grade: 10-12

Instructor: Combs

Prerequisites: none

Credits: .25 credit/semester

Notes: Class meets on A schedule

This elective English class requires no busy work, just reading several great Christian books of your choice this semester. Students will choose from several works including, *God's Smuggler* (Brother Andrew), *The Screwtape Letters* (C.S. Lewis), and *Something Beautiful for God* (Malcolm Muggeridge). First and foremost, we are reading for enjoyment and appreciation of influential Christian literature. Exploring artistic note-taking (think colored pens and drawing!) will help build comprehension, particularly while listening to books. Together, we will go beyond simple understanding to the deeper layers of interpretation, inference, and evaluation. I will not administer tests, but I will ask you to write about what you read. Students will be assessed using a variety of traditional and alternative methods including discussions and critical thinking activities, most of which will be done in class. You do not need to be a bookworm to enjoy and benefit from this course!

Foreign Language Department

Spanish I

Duration: 2 semesters

Grade: 9

Instructor: Isaacson

Prerequisites: none

Credits: .5 credit/semester

As you may already know, Spanish is becoming increasingly important in the United States. Spanish is the second most frequently spoken language in the U. S. and among the top in the world. Bilingual employees are in high demand in all areas of work. Learning Spanish may help you to be hired and paid more at any given job, help you in your future as you communicate with coworkers, colleagues, and when traveling to Spanish speaking countries. Additionally, you will be able to witness in Spanish and have skills to communicate on mission trips in Spanish speaking countries. Within this year you will be introduced to Spanish speaking countries all over the world as well as places in the U. S. You will acquire skills to listen, speak, read, and write in Spanish. Your task will be difficult, but the end result will guarantee that you have begun preparation for your future interactions.

Honors Spanish I/II

Duration: 2 semesters

Grade: 9

Instructor: Isaacson

Prerequisites: none

Credits: .5 credit/semester

Notes: This is an honors course.

As you may already know, Spanish is becoming increasingly important in the United States. Spanish is the second most frequently spoken language in the U. S. and among the top in the world. Bilingual employees are in high demand in all areas of work. Learning Spanish may help you to be hired and paid more at any given job, help you in your future as you communicate with coworkers, colleagues, and when traveling to Spanish speaking countries. Additionally, you will be able to witness in Spanish and have skills to communicate on mission trips in Spanish speaking countries. Within this year you will be introduced to Spanish speaking countries all over the world as well as places in the U. S. You will acquire skills to listen, speak, read, and write in Spanish. Your task will be difficult, but the end result will guarantee that you have begun preparation for your future interactions.

Spanish II

Duration: 2 semesters

Grade: 10

Instructor: Isaacson

Prerequisites: Spanish I

Credits: .5 credit/semester

You have made a great decision by continuing your Spanish education. Spanish is the second most frequently spoken language in the United States and among the top in the world. Bilingual employees are

in high demand in all areas of work. Improving your Spanish proficiency may help you to be hired and paid more at any given job, help you in your future as you communicate with coworkers, colleagues, and when traveling to Spanish speaking countries. Additionally, you will be able to witness in Spanish and have skills to communicate on mission trips in Spanish speaking countries. Within this year you will be introduced to new cultural experiences in Spanish speaking countries all over the world. You will acquire skills to speak in spontaneous conversational settings and expand your listening comprehension. Your task will be difficult, but the end result will guarantee that you have taken another step towards proficiency, command of the language, and an easier transition to collegiate Spanish/Foreign Language courses.

Spanish III/IV

Duration: 2 semesters

Grade: 11-12

Instructor: Isaacson

Prerequisites: Spanish II

Credits: .5 credit/semester

Note: This is an honors course.

This course is designed to prepare you for advanced language study at the college level. It is based on curriculum used in some colleges at the intermediate level. Your increased proficiency in the Spanish language may help you to be hired and paid more at any given job, help you in your future as you communicate with coworkers, colleagues, and when traveling to Spanish speaking countries. Additionally, you will be able to witness in Spanish and have skills to communicate on mission trips in Spanish speaking countries. Within this year you will read, discuss, and role play Latin American, Mexican, and Spanish short stories, poetry, and novelas in the native language. Your vocabulary will expand, your pronunciation and grammar will improve, and you will develop a greater understanding of historical and literary movements in Spanish speaking countries. Your task will be difficult, but the end result will guarantee that you have taken another step towards fluency, command of the language, and you will likely be able to test out of several college classes of language study and receive credits!

History Department

Geography

Duration: 2 semesters

Grade: 9

Instructor: Thompson

Prerequisites: none

Credits: .5 credit/semester

Note: This is a required course.

This course is designed to help the student gain a better understanding of the physical world that God created as man's temporal home. This year the student will gain a better understanding of the physical world that God created as man's temporal home, and of man's relationship to and his cultural life on Earth. As we survey the earth and its resources, place by place, we will see how physical geography affects the political and economic features of countries as well as the way of life (culture) of their people. Throughout the course, the five themes of geography, 1. Location: position (absolute and relative) on the earth's surface, 2. Place: physical and human characteristics, 3. Human/environment interactions: shaping the landscape, 4. Movement: humans interacting on the earth, 5. Regions: how they form and change, will be incorporated.

World History

Duration: 2 semesters

Grade: 10

Instructor: Thompson

Prerequisites: Geography

Credits: .5 credit/semester

Note: This is a required course.

World History is a survey class of the History of the World. We will examine the main events, ideas and people and how they fit into the plan of God for Mankind.

U.S. History

Duration: 2 semesters

Grade: 11

Instructor: Thompson

Prerequisites: World History

Credits: .5 credit/semester

Note: This is a required course.

US History is a survey course covering the history of the US from the colonial period to the present. Major events, individuals and ideas will be covered and the relationship of the past to the present will be explored. These ideas will be analyzed in light of the truths of the Scriptures.

Government

Duration: 2 semesters

Grade: 12

Instructor: Thompson

Prerequisites: U.S. History
Credits: .5 credit/semester
Note: This is a required course.

US Government is a year-long course designed to examine Biblical Principles of human government and apply them to the American system of government. The details of the American Constitutional system will be studied.

Economics

Duration: 1 semester (SP)
Grade: 9-12
Instructor: Thompson
Prerequisites: none
Credits: .5 credit/semester
Notes: Class meets daily; course fulfills *social science* graduation requirements

Economics is the science of choice. This class will study the choices that individuals and societies make with the resources that God provides for Man. The various economic laws that govern production and markets will be examined. We will study the role of business organizations and governments on the economy. The class will also examine the principle which individuals and families can use to make economic choices.

Psychology

Duration: 1 semester (FA)
Grade: 9-12
Instructor: Thompson
Prerequisites: none
Credits: .5 credit/semester
Notes: Class meets daily; course fulfills *social science* graduation requirements

Psychology is the study of human thought and behavior. The class will study the principles of psychological research, the biological basis of behavior and the various schools of psychological theories. We will also deal with principles of learning and memory and introduce theories of psychological development. Scientific theories will be evaluated in light of Biblical Truth concerning our thought and behavior.

Math Department

Algebra I

Duration: 2 semesters

Grade: 8-9

Instructor: Greene

Prerequisites: Pre-Algebra

Credits: .5 credit/semester

Note: This is a required course.

Building on the skills and techniques of elementary and middle school math classes, students will explore concepts and learn problem solving skills in the course content listed below.

Geometry

Duration: 2 semesters

Grade: 9-10

Instructor: Greene (Grade 10), Gruber (Grade 9)

Prerequisites: Algebra I

Credits: .5 credit/semester

Note: This is a required course.

Geometry is the study of visual patterns, size and shape. This is a comprehensive course emphasizing logical reasoning and spatial "language" of geometry, interpreting words into symbols and pictures and vice versa. Strong emphasis is given to proofs to strengthen reasoning skills. The examples used to study geometry are represented in God's creation and His character.

Algebra II

Duration: 2 semesters

Grade: 10-11

Instructor: Greene

Prerequisites: Geometry

Credits: .5 credit/semester

Note: This is a required course.

Algebra II is a second year course in Algebra that seeks to solidify techniques presented in Algebra I for simplifying algebraic expressions and solving algebraic equations and inequalities, with additional emphasis on word problems. Topics presented as "new" include inequalities, systems, radicals, quadratic functions, and inverse functions.

Business Finance

Duration: 1 semester (SP)

Grade: 11-12

Instructor: Greene

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily

This course teaches the basics of business finances such as calculating sales price, employee numbers, and profits as well as taxes. Students will also create different types of business.

Consumer Math

Duration: 1 semester (FA)

Grade: 11-12

Instructor: Greene

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily

Consumer Math is the practical application of math skills used in everyday life. Students will be able to answer the question of “when will I ever use math in real life?” Students will receive paychecks, pay bills, and learn more about interest rates, buying cars, and purchasing homes.

Pre-Calculus

Duration: 2 semesters

Grade: 11

Instructor: Gruber

Prerequisites: Algebra II

Credits: .5 credit/semester

Notes: This is an honors course.

This course explores combinatorics, probability, statistics, linear programming, matrices, sequences and series, limits, and graphing rational functions.

Statistics

Duration: 1 semester (SP)

Grade: 12

Instructor: Gruber

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily

This course is designed to provide a basic understanding of descriptive and inferential statistics. Topics include the measures of central tendency, standard deviation, combinations and permutations, probability, sampling, and various distributions. Emphasis is on applications of statistical concepts.

AP Calculus

Duration: 2 semesters

Grade: 12

Instructor: Greene

Prerequisites: Pre-Calculus & teacher recommendation

Credits: .5 credit/semester

Notes: This is an honors course.

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

Physical Education Department

Health

Duration: 2 semesters

Grade: 9

Instructor: Koca

Prerequisites: none

Credits: .25 credit/semester

Notes: This is a required course; class meets on A/B schedule

Ninth grade health guides students in making healthy, biblically sound decisions concerning all aspects of their life – physical, mental, social and spiritual. Students will learn that because God loves them He is concerned about how they choose to live. Students are challenged to use biblical truth in the context of right relationships to develop healthy behaviors.

Physical Education

Duration: 2 semesters

Grade: 9

Instructor: Koca

Prerequisites: none

Credits: .25 credit/semester

Notes: This is a required course; class meets on A/B schedule

The purpose of the physical education program at Omaha Christian Academy is to provide an informative and enjoyable experience that will raise the student's awareness of his/her need and desire to have an active lifestyle both now and in the future. Also to help the students develop a variety of skills in order to pursue different types of physical activities for enjoyment and health benefits throughout his/her lifetime.

Science Department

Physical Science

Duration: 2 semesters

Grade: 9

Instructor: Schmidt

Prerequisites: none

Credits: .5 credit/semester

Note: This is a required course.

Physical Science is an introduction to the study of matter; including composition, interaction between different substances, and the study of matter in motion. The class will be a survey course due the wide scope of the curriculum and serve as a beginning point for deeper study in subsequent chemistry and physics courses.

Biology

Duration: 2 semesters

Grade: 10

Instructor: Schmidt

Prerequisites: Physical Science

Credits: .5 credit/semester

Note: This is a required course.

Biology is a high school survey course that exposes students to the scope of biology, and emphasizes concepts that will affect their decisions about themselves and their spiritual standards.

Anatomy & Physiology

Duration: 2 semesters

Grade: 11-12

Instructor: Pittam

Prerequisites: Biology

Credits: .5 credit/semester

Note: This is an honors course.

Anatomy and Physiology is a high school science course for students who wish to learn more about the structure and function of the body's systems than they were able to in biology.

Chemistry

Duration: 2 semesters

Grade: 11-12

Instructor: Schmidt

Prerequisites: Algebra II

Credits: .5 credit/semester

Notes: This is an honors course.

Chemistry is designed to be an introduction to chemistry. It will include topics in the history of the discipline, atomic structure, a survey of the periodic table, the major chemical bond types, nomenclature, and stoichiometry of reactions.

Physics

Duration: 2 semesters

Grade: 11-12

Instructor: Schmidt

Prerequisites: Geometry & teacher recommendation

Credits: .5 credit/semester

Notes: This is an honors course.

This course will cover mechanics, especially the topics of kinematics and dynamics. It is an algebra-based course that will use derived formulas to solve story problems using application and synthesis. Laboratory situations will be used to demonstrate the theory. This is a weighted honors course and has successfully completing geometry as a prerequisite.

Core-Related Courses

ART: Art & Media Design

Duration: 1 semester (FA)

Grade: 9-12

Instructor: Isaacson

Prerequisites: none

Credits: .25 credit/semester (A/B class) or .5 credit/semester (daily class)

Notes: Class meets daily or A/B schedule; course fulfills *fine/performing arts* graduation requirements

Students will explore various media in drawing, painting and sculpture as they create art and digitally capture their own art and collaborative class art projects. Students will discuss connections between their artwork, various artists' work, the technique being explored, the media being used, and the art elements and principles. Students will apply their knowledge of the art concepts with media arts to communicate and convey meaning through a variety of contexts-live audiences, digital display, and web. They will learn to produce art using resources from the computer and programs to form compositions. Students will develop Christian principles that can guide them as artists to make appropriate and Christ-honoring artistic decisions.

ART: Photography & Media Design

Duration: 1 semester (SP)

Grade: 9-12

Instructor: Isaacson

Prerequisites: English 9

Credits: .25 credit/semester (A/B class) or .5 credit/semester (daily class)

Notes: Class meets daily or A/B schedule; course fulfills *fine/performing arts* graduation requirements

Students will learn and practice skills in lighting, portraiture, commercial photography, architecture, action photography, photojournalism, videography, digital editing, and the skillful use of a camera. Students will become familiar with f-stop, aperture, and ISO to control lighting and image quality. Students will collaborate in digital editing, digital layout, and printing. Students will learn of the importance of photography in all types of careers, businesses, and advertising. Students will bring their own digital camera device (ipod, iphone, or digital slr camera) along with downloading cable and memory card.

BUSINESS/VOCATIONAL: Automotive 101

Duration: 1-2 semesters (B)

Grade: 10-12

Instructor: Pittam

Prerequisites: none

Credits: .25 credit/semester

Notes: Class meets on B schedule

In Automotive 101, practical, real-world experiences are provided for both novice and experienced students. Classes include field trips, guest speakers who are local industry leaders, and hands-on projects, such as engine rebuilds.

BUSINESS/VOCATIONAL: Foundations in Personal Finance

Duration: 1 semester (FA)

Grade: 12

Instructor: Gruber

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily

Using resources created by Dave Ramsey, students will learn to apply Biblical principles to personal money management. Students will learn how to avoid or decrease debt, build savings, and create wealth.

BUSINESS/VOCATIONAL: Yearbook I

Duration: 1-2 semesters (B)

Grade: 9-12

Instructor: Reid

Prerequisites: none

Credits: .25 credit/semester

Notes: Class meets on B schedule

This course is designed to teach students to write articles and layout pages for newsletter and yearbook publications. Indeed, the focus of the course is to prepare students to write for publication. Students will learn techniques of newspaper writing such as the inverted pyramid while improving writing style and honing editing skills. Students will also acquire new desk top publishing skills by learning to layout yearbook pages using the appropriate software. Students also learn basic graphic layout design.

BUSINESS/VOCATIONAL: Yearbook Advanced

Duration: 1-2 semesters (B)

Grade: 10-12

Instructor: Reid

Prerequisites: Yearbook I

Credits: .25 credit/semester

Notes: Class meets on B schedule

This course is designed to teach students to write articles and layout pages for yearbook publications. The focus of this course is to improve the preparation of students to write for publication. Students will learn techniques of writing while improving writing style and honing editing skills. Students will also acquire new desk top publishing skills by learning to layout yearbook pages using the appropriate software. Students also learn advanced graphic layout design.

ENGLISH: Drama & Speech I

Duration: 1-2 semesters (B)

Grade: 10-12

Instructor: Reid

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily; course fulfills *fine/performing arts* graduation requirements

Drama provides students with the ability to improve creative expression, awareness of self, God and others, discipline, confidence, creative and logical thinking processes, and self esteem through acting and producing plays and skits and public speaking. Students will participate in public speaking and interpretive reading activities, possibly participating in novice meets and invitational forensic contests. Students will participate in improvisational theater games and activities. Students will learn basic acting and stage terminology and perform short worship drama and children's drama pieces. Students will learn basic theatrical make-up technique and participate in stage crews.

ENGLISH: Drama & Speech Advanced

Duration: 1-2 semesters (B)

Grade: 11-12

Instructor: Reid

Prerequisites: Drama & Speech I

Credits: .5 credit/semester

Notes: Class meets daily; course fulfills *fine/performing arts* graduation requirements

Advanced drama challenges the student to build on the knowledge gained in Drama I. Students will continue to practice their study of public speaking and interpretive reading to participate in the more advanced Conference and District competitions. Students will also perform a one-act play in one-act play production competitions. To prepare for these competitions the students will deepen their understanding of acting analysis and technique. They will add to their prior knowledge of make-up application and design an understanding of set, costume, and lighting design.

FAMILY & CONSUMER SCIENCE: Child Development

Duration: 1-2 semesters (B)

Grade: 11-12

Instructor: Lovgren

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily

Child Development discusses the intellectual, physical, emotional, and spiritual development of the child from conception to age twelve. Students will gain knowledge needed to work with children of these age groups, as well as observing children in each age group and putting skills to the test when they conduct a preschool of their own.

FAMILY & CONSUMER SCIENCE: Clothing I

Duration: 1-2 semesters (B)

Grade: 9-12

Instructor: Lovgren

Prerequisites: none

Credits: .25 credit/semester (A/B class) or .5 credit/semester (daily class)

Notes: Class meets daily or A/B schedule

In Clothing I, students will learn the basics of operating a sewing machine, purchases appropriate supplies and complete one project per quarter. Students will learn how to lay out their patterns, transfer pattern markings, and follow pattern instructions to complete their project. Students will select their own projects, with the guidance of their instructor. Each project they select will need to include one new sewing skill.

FAMILY & CONSUMER SCIENCE: Clothing Advanced

Duration: 1-2 semesters (B)

Grade: 10-12

Instructor: Lovgren

Prerequisites: none

Credits: .25 credit/semester (A/B class) or .5 credit/semester (daily class)

Notes: Class meets daily or A/B schedule

Advanced Clothing is a continuation of skills learned in the previous years of clothing classes.

FAMILY & CONSUMER SCIENCE: Foods & Nutrition

Duration: 1-2 semesters (B)

Grade: 11-12

Instructor: Lovgren

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily

Foods and Nutrition provides a hands-on approach to learning how to prepare nutritious meals for themselves and their future families. Students will study the latest nutritional informational, protocols for preparing food safely to prevent food borne illnesses, safety in the kitchen, how to prepare foods from each of the food groups and combinations foods, international foods, cake decorating, baking, culinary careers and more. A large portion of the class will be spent in the labs. The second semester culminates with the students completing a recipe collection containing 50 recipes of their choosing. Students will also have the opportunity to prepare food for various school events.

FAMILY & CONSUMER SCIENCE: Independent Living

Duration: 1-2 semesters (B)

Grade: 12

Instructor: Lovgren

Prerequisites: none

Credits: .5 credit/semester

Notes: Class meets daily

Independent Living is designed to prepare seniors to live on their own. The class begins with preparing for college and careers, followed by money management with Dave Ramsey's Financial Peace, purchasing, planning and preparing meals, relationships (dating, wedding planning and marriage), pregnancy and child development, and finishes with a look at middle age/growing old gracefully.

MUSIC: Band

Duration: 1-2 semesters (B)

Grade: 9-12

Instructor: Johnson

Prerequisites: none, 1-4 years previous experience in Concert Band suggested

Credits: .25 credit/semester

Notes: Class meets on B schedule; course fulfills *fine/performing arts* graduation requirements

Continuing to improve performance on an instrument, alone and in a group is critical in students' musical development. The music they perform or study often becomes an integral part of their personal musical repertoire. The role that music will play in students' lives depends in large measure on the level of skills they achieve in creating, performing, and listening to music. Broad experience with a variety of music is necessary if students are to make informed musical judgments. Similarly, this breadth of background enables them to begin to understand the connections and relationships between music and other disciplines. By understanding the cultural and historical forces that shape social attitudes and behaviors, students are better prepared to live and work in communities that are increasingly multicultural. Objectives presume that the students have achieved the standards of Middle School Band, and that they will demonstrate higher levels of the expected skills and knowledge, will deal with increasingly complex music, and will provide more sophisticated responses to works of music.

MUSIC: Choir

Duration: 1-2 semesters (B)

Grade: 9-12

Instructor: Nilius

Prerequisites: none

Credits: .25 credit/semester

Notes: Class meets on A schedule; course fulfills *fine/performing arts* graduation requirements

Choir is designed for students to develop vocal skills and vocal repertoire in order to show excellence in performance.

MUSIC: Guitar

Duration: 1-2 semesters (B)

Grade: 11-12

Instructor: Johnson

Prerequisites: none, experience welcome

Credits: .5 credit/semester

Notes: Class meets daily; course fulfills *fine/performing arts* graduation requirements

Learning to and continuing to improve performance on an instrument, alone and in a group is critical in students' musical development. The music they perform or study often becomes an integral part of their personal musical repertoire. The role that music will play in students' lives depends in large measure on the level of skills they achieve in creating, performing, and listening to music. Broad experience with a variety of music is necessary if students are to make informed musical judgments. Similarly, this breadth of background enables them to begin to understand the connections and relationships between music and other disciplines. By understanding the cultural and historical forces that shape social attitudes and behaviors, students are better prepared to live and work in communities that are increasingly multicultural.

Objectives presume students have some musical background whether in elementary only or continuing through 11th or 12th grade. Basic fundamentals will be taught.

PHYSICAL EDUCATION: Weight Training I

Duration: 1-2 semesters (B)

Grade: 10-12

Instructor: Koca

Prerequisites: none

Credits: .25 credit/semester (A/B class) or .5 credit/semester (daily class)

Notes: Class meets daily or on A/B schedule; course fulfills *physical education* graduation requirements

The purpose of the physical education program at Omaha Christian Academy is to provide an informative and enjoyable experience that will raise the student's awareness of his/her need and desire to have an active lifestyle both now and in the future. Also to help the students develop a variety of skills in order to pursue different types of physical activities for enjoyment and health benefits throughout his/her lifetime.

PHYSICAL EDUCATION: Weight Training Advanced

Duration: 1-2 semesters (B)

Grade: 10-12

Instructor: Koca

Prerequisites: Weight Training I

Credits: .25 credit/semester (A/B class) or .5 credit/semester (daily class)

Notes: Class meets daily or on A/B schedule; course fulfills *physical education* graduation requirements

The purpose of the physical education program at Omaha Christian Academy is to provide an informative and enjoyable experience that will raise the student's awareness of his/her need and desire to have an active lifestyle both now and in the future. Also to help the students develop a variety of skills in order to pursue different types of physical activities for enjoyment and health benefits throughout his/her lifetime.

College Courses

OCA partners with EDI Global, Christian Halls and Metropolitan Community College's *Kickstart Online Institute* (KSOI) to offer students the opportunity to earn college credit while in high school. Students who are interested in taking college courses may elect to take a Study Hall while completing their online coursework. Credits earned will not count towards high school graduation requirements or impact a student's high school GPA. Completed college courses will be indicated on student transcripts in the Notes section. Payment for all college courses takes place directly with the institution.

Students who are successful in online courses are self-motivated, organized, and good communicators. Please consult your school counselor to determine which courses are the best fit for your future educational and vocational goals.

Metropolitan Community College: These online courses are offered in a 15-week format and earn college credit that can be transferred to many four-year institutions. Courses are offered at \$32 per credit hour (half of the standard rate of tuition), plus any additional textbook and material fees. Registration is due January 11, 2021. Second semester begins January 18, 2021 and ends May 7, 2021. Visit mccneb.edu for more information regarding registration.

Fall Semester Course Offerings	Spring Semester Course Offerings
English Composition I	English Composition II
U.S. History to 1877	U.S. History 1865 to Present
Financial Literacy	Human Geography
Intro to Psychology	Public Speaking
College Algebra	Statistics
Human Relations	Human Relations
Healthcare Careers	Intro to Med Law and Ethics

GDI Global – LeTourneau University: These online courses are offered in a two, 8-week module format. Courses are offered at \$100 per credit hour, plus any additional textbook and material fees. The registration deadline in January 7, 2021. Second semester begins January 11, 2021 and ends May 9, 2021.

Introduction to Business – BUSI 1173

This course is an introduction to business principles and practices. Topics include forms of business ownership, ethics and social responsibility, the business environment, and an introduction to the functional areas of business. Class 3.

Computer Science – COSC 1303

An introduction to the field of computer science. Problem solving strategies, basic data structures, and an introduction to algorithms in the context of a modern programming language. A first course in programming with an emphasis on scientific and engineering applications. Class 2. Lab 1.

Intermediate Algebra – MATH 1123

A study of algebra beginning with signed numbers through quadratic equations, including algebraic expressions, factoring, linear equations, linear inequalities, linear functions, and systems of equations in

two variables. Required of all students whose ACT/SAT scores indicate deficiency in algebra. Can only apply to general elective credit. Class 3.

Trigonometry – MATH 1252

A study of the trigonometric functions, identities, solving triangles, inverse trigonometric functions, and complex numbers. Class 2. Prerequisite(s): MATH 1123 or equivalent.

Medical Terminology – HLSC 2033

An introductory study of the specific and technical vocabulary used in medicine. Students will learn common Latin and Greek prefixes, suffixes, and roots used in health-related communication. Skills will be developed in spelling, pronouncing and defining this type of terminology. Class 3. (Summer and Distance Learning)

Human Growth and Development – PSYC 2143

This course involves the study of biopsychosocial and spiritual aspects of development from birth to death. Through the examination of various theories and research, this course will allow students to experience a greater understanding of physical, cognitive, social, and emotional development through the lifespan. Class 3.

GDI Global – Kings College: Courses are offered at \$150 per credit hour, plus any additional textbook and material fees. The registration deadline is January 11, 2021. Second semester begins January 20, 2021 and ends May 6, 2021. There is a spring break from March 15-19, 2021.

Western Civilization I – HIS 111

This course is a survey of the history of Western Civilization from ancient Israel through the Renaissance that includes study of the art and architecture, speeches, political treatises, decisive battles, and daily economic decisions that shaped or characterized ancient Israel, classical Greece and Rome, and Christian Europe. It provides a framework for the integration and understanding of all other liberal arts. *Course material fee may apply.

College Writing – ENG 110

This required course helps students develop competence in the art of writing, with emphasis on the personal essay and storytelling. Students will then use those narrative skills to craft different types of essays, such as opinion-editorial pieces, reviews, and analytical papers. The course includes brief reviews of grammar and usage, frequent practice in writing compositions, workshops, and analysis of selected essays as models. A passing grade in this class is a C or better. *Course material fee may apply.