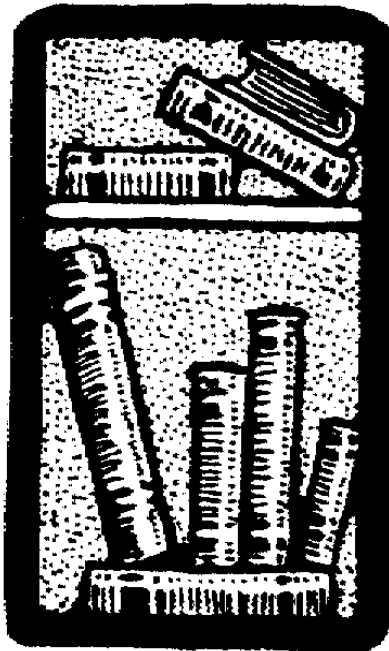


2010-2011
Curriculum



Central Christian School
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REGISTRATION FOR COURSES

Each spring, current students are given their curriculum planning guide and registration. For elective courses, students are placed on a first come, first served basis. Parents will receive a copy of students registration list for approval. Completed schedules are mailed to students during the summer. Schedules should be checked carefully. Any schedule changes made after school starts will cost \$10.

Courses listed with this symbol (☉) are designated as Minimal Outside Work (MOW) classes. MOW classes will not have more than two days of homework each week.

COURSES OFFERED

ART

Art Electives

Ceramics I \$

Ceramics deals with making things from clay by hand building method. The potters wheel will be introduced. The hand building method will include pinch, coil and slab. Objects are glazed and fired in the kiln.

Grade 11 12 Fee for Clay \$20 Semester, .5 credit

Drawing & Painting \$

Drawing pictures to make a good painting is what you will learn I this class. We will work on still life, landscape and people. Each day we will work on a quick sketch to improve your drawing skills. After you learn new techniques in drawing, you will learn how to paint those pictures. You will be required to have a sketch book for this class.

Grade 11 12 Semester, .5 credit

Printmaking & Sculpturing \$ ☉

These two medias go hand in hand. You will be creating sculptures out of wood, plaster, paper-machet, wire & metal,. Some carving will be included. After you learn how to carve, you will be able to carve a design to print on a variety of things. You will learn how to print a t-shirt. Another project will be printing invitations.

Grade 11 12 Semester, .5 credit

BIBLE

Old Testament

This course begins with a time of general school orientation. Students will also work through an Introduction to the Bible unit. We then survey the Old Testament, following the story of God's creating and recreating a people through covenant relationship. The course will explore how God reveals himself to people through his acts in history and how understanding the Old Testament helps us interpret and understand the New Testament

Required Grade 9 Semester, .5 credit

New Testament

Students will study the context into which Jesus came with the Good News recorded in the New Testament. Help will be given so students can better understand who Jesus was and how the various authors wrote about him and his church. Time will be spent in Bible study, focusing on the Jesus story in the gospels

Required Grade 10 1 credit

Church History

This study of Church History is an introduction to the time line of events, people, issues of major significance to the Christian Church starting with the Church in Acts, on through the Dark Ages and Reformation. Here the students will be introduced to the origin of Anabaptism and its many offshoots. The last part of the course has the students exploring their own church history and unique story of faith.

Required Grade 11 Semester, .5 credit

Kingdom Living

The course will begin with an exploration of our understanding of God's plan for us and our world. This will be a quick review of God's plan for salvation and our understanding of the cross. Attention will then turn toward living in today's world as a follower of Christ, exploring a variety of issues related to ethics, faith and works, justice and prayer, discipleship and grace as these apply to real issues we face in today's world. Finally, we want to look at what it means to share the "Good New" with others, looking at issues of other religions, tolerance, and witness.

Required Grade 12 Semester, .5 credit

Bible Electives

World Religions

This course will introduce students to the major religions in our world today. Emphasis will be given to their history, beliefs and practices. Additionally, students will develop a Christian perspective to the religious diversity and pluralism of our day.

Grade 11 12 Book Fee: \$15 Semester, .5 credit

BUSINESS EDUCATION

Business Electives

Computer Applications

This course introduces students to the basics of a spreadsheet program, a database program and also advanced word processing functions. We will learn how to create basic formulas and use simple charts in Excel. In addition, the course will also introduce students to a database program called Access. Students will learn how to set up a simple database, work with queries, forms and reports. Finally, students will learn advanced formatting techniques in a word processing program.

Grade 9 required Semester .5 credit

Introduction to Business ☉

This course is a combination of Marketing and Introduction to Business classes. This course is designed to examine the structure of a business and observe its principles of operation. Topics will include the business environment, forms of business organization, financial management, human resource management, sales, and advertising. Hands on projects will include yearbook ad sales, designing and selling the school's new Cometwear, and starting and running a small business.

Grade 11 12 Semester, .5 credit

Accounting I ☉

Basic principles of double entry accounting are taught. Emphasis is placed upon the accounting cycle, special journals and ledgers. A practice set is used to give practical experience. The course is recommended as an elective, particularly for those interested in careers in accounting and business.

Grade 11 12 Semester, .5 credit

Accounting II ☉

A continuation of accounting I with an emphasis on a partnership, payroll and tax accounting. A practice set is used to give practical experience. The course is recommended as an elective, particularly for those interested in careers in accounting and business. Accounting I is a prerequisite.

Grade 11 12 Semester, .5 credit

Multimedia ☉

This class will explore an assortment of software in order to introduce students to a variety of multi-media tools including animation, video and sound in order to create interactive computer applications. Some programs we will use are Audacity, Windows Movie Maker, Adobe Flash, Google Sketch-up and others.

Grade 11 12 Semester, .5 credit

Visual Design ☉

A course designed to introduce students to creating visual publications. We will learn how to create web pages using HTML and will also use a professional visual editor. The class will also provide an opportunity to work with desktop publishing software called In-Design. Students will create pamphlets, brochures, invitations, and other desktop publishing documents.

ENGLISH

English I

English I will consist of studying content aligned with the Ohio Academic Standards for 9th Grade English. We will primarily be working on reading process and application and writing process and application, while supplementing with vocabulary acquisition, writing conventions, and some research. Discussion of biblical principals, connections between content and Christian living, and personal reflections on faith will be integrated throughout the curriculum as well.

Required Grade 9

1 credit

English II

English II will consist of greater study of curriculum aligned with the Ohio Academic Content Standards for 10th Grade English. We will be concentrating on reading and writing processes and application in depth. We will also be delving further into research and communications. Discussion of biblical principals, connections between content and Christian living, and personal reflections on faith will be integrated throughout the curriculum as well.

Required Grade 10

1 credit

English III

This course is a complete survey of American Literature from the Native Americans through present day writers. All genres of literature will be studied including the novel, play, short story, and poem. Preparation for the PSAT and SAT test will also be stressed. Writing will include journaling, literature response essays, and a character sketch. The course will include study of television and media.

Required Grade 11

Year, 1 credit

Themes in Literature

English IV has two purposes: 1) to develop research and writing skills, with an emphasis on persuasive argument, and 2) to provide a useful background of British history and literature. Considerable time is spent in searching for themes and ideas which can give "real life" meaning to literature. Class time is also given to preparing for college applications and application/scholarship essays.

Required Grade 12

Year, 1 credit

English Electives

Journalism

We will intersperse study of journalism topics—news writing style, ethics, advertising, layout and design—with the hands-on experience of publishing a newspaper and yearbook. First semester we will begin with getting the Vein "up and running," while doing organizational work and ad layout for the Centralian.

Grade 11 12

Semester, .5 credit

Speech/Drama

This class focuses on developing skills that make public speaking enjoyable, rather than nerve-wracking, experience. Organization, motivation, body language and enunciation are key elements. In addition to public speaking, basic skills such as articulation and body language, and developing characterization and evoking emotional responses from an audience will be covered.

Semester, .5 credit

FOREIGN LANGUAGE

German I

Basic skills in understanding, speaking, reading, and writing German are stressed. Grammar and sentence structures are presented through a communicative based approach with the use of video tape and authentic media of the culture. Culture of Germany is integrated with the content. Emphasis is on the everyday spoken language.

Semester, .5 credit

Spanish I

This course uses a communicative approach for establishing correct habits of speech in conversational Spanish but also giving attention to reading and writing skills. In addition to the text, audiovisuals are used to present material which is then practiced orally in small groups. Some cultural aspects, a practical vocabulary and some of the basic structural patterns are presented.

Year, 1 credit

Spanish II

This course continues the emphasis on communication skills with more attention given to reading and writing. Bible reading is utilized to review and introduce more complex grammatical structures and students will watch a 10-part "tele-novela" and write paragraph summaries.

Grade 10

Semester, .5 credit

Foreign Language Elective

Spanish III ☹

Spanish III will continue the conversational goals of Spanish II through vocabulary expansion and improved pronunciation skills. Emphasis will be placed upon verbal and written comprehension and expression with expanded grammatical usage of compound verb constructions.

Grade 11 12

2 Semesters, .5 credit each

HEALTH AND PHYSICAL EDUCATION

Freshmen PE

Team sports deals with the basic concepts of games such as softball, flag football, soccer, basketball, and volleyball. Time is spent working on improving skills, learning rules, and combining them in team play.

Required Grade 9

Year, .25 credit

Sophomore PE

The circuit fitness class is an attempt to expose youth to the benefits of exercising different groups of muscles. Students will participate in a variety of aerobic and fitness activities that will include circuits, stability balls, agility ladders, balance boards, running, aerobic and cardiovascular workouts. The main focus will be lifetime fitness skills and heart health.

Required Grade 10

Year, .25 credit

Health

Health examines issues such as wellness, nutrition, fitness, mental health, safety, alcohol use, tobacco use, sexually transmitted disease, and maintaining a healthy environment. Health in the news and current trends are also evaluated.

Required Grade 10

Semester, .5 credit

Physical Education Electives

Lifetime Sports ☹

After high school and college, most people switch from highly competitive team sports to leisurely recreational activities. This class offers exposure and practice to a variety of sports. Included will be tennis, golf, frisbee, boccie, croquet, shuffleboard, horseshoes, softball, archery, skeet, badminton, table tennis, darts, indoor soccer, racquetball, handball, wallyball, swimming, bowling

Grade 11 12

Fee \$ 40 / Semester

Semester, .25 credit

INDUSTRIAL ARTS

Elective

Woodworking \$

This will be a furniture making course. Students will first learn how to safely operate the power tools in the shop. Then they will learn how to calculate the materials needed for their project. Finally, students will complete 3 given projects. If and when a student successfully completes these projects they will be permitted to select their own project with teacher approval. Slight alterations to the project may be made based on approval by the instructor. Students will be responsible to purchase their own material.

Grade 11 12 Fee to cover cost of project Semester, .5 credit

INTERDISCIPLINARY

Senior Project

Senior project is a guided independent study option that allows a senior student to choose an area of interest and pursue a focused study. Students are asked to make a formal presentation of their learnings at the end to selected peers, faculty, and community members.

Grade 12 Semester, .5 credit

MATH

Algebra I

In addition to reviewing basic arithmetic processes, algebra involves a study of the real number system. The student will learn about the equation, its graph and applications in problem solving. This course is recommended for every person considering any type of training beyond high school.

Prerequisite: Satisfactory score on Algebra Readiness Test.

Year, 1 credit

Plane Geometry

The emphasis is on the use of logic in the study of plane figures. The course includes work with solid figures and geometry concepts of those figures. This course is strongly recommended for those considering college.

Year, 1 credit

Algebra II

Algebra II is a more thorough study of concepts from Algebra I, moving beyond real numbers to the complex number system. Also included are the exponential and logarithmic functions, analytic geometry, and trigonometry. This course is required for high school physics and recommended for college-bound persons in education, business, the sciences, and health related fields. Graphing calculators are required.

Prerequisites: Algebra I and Plane Geometry Year, 1 credit

Functions, Statistics & Trigonometry (FST)

The primary foci of this class will be on data analysis and trigonometry. Specifically, students will: organize, summarize, model and interpret discrete data in appropriate ways; apply transformations to functions, matrices, and data; understand basic trigonometric functions; use probability theory to solve problems of chance; describe the end behavior of arithmetic and geometric series; and understand sampling distributions, the central limit theorem, and the sampling process. Prerequisites: Plane Geometry and Algebra II

Year, 1 credit

Calculus

This class will prepare students to take the Advanced Placement Calculus Exam (AB) given in May. Material as prescribed in the course description given by The College Board for Advanced Placement Calculus AB will be covered (limits, derivatives, integrals). While students are not required to take the AP test, they are strongly encouraged to do so. This course is equivalent to a .5 semester college level engineering calculus class.

Prerequisite: Algebra 2, and, Functions, Stats and Trig Year: 1 credit
Grade 12

Personal Finance

This course will prepare students for the complex and rapidly changing world of personal finance. Balancing checkbooks, planning investments, calculating interest, and setting up basic accounts are just a few of the practical topics to be covered.

Grade 12 Semester, .5 credit

MUSIC

Chorale

A training choir for all interested students. The Chorale performs in several public programs. It is required for all freshmen semester one.

Grade 9 10 Semester .25 credit

Music Electives

Chamber Music

Advanced instrumentalists who wish to study chamber music may form a small ensemble (e.g., trio, quartet, etc.) and begin! Students will study chamber music literature and its performance, organization procedures, and self-direction. Students will perform in church services, community events, or recitals.

Grade 9 - 12 Semester .1 credit

Concert Choir \$

The first semester of Concert Choir is open to all juniors and seniors who desire to sing more advanced choral literature. Developing confidence, an independent singing voice, strong sightreading skills and learning to sing artistically in an ensemble will be most of the goals. 2nd semester choir will be reduced to no more than 44 selected vocalists who audition near the end of first semester. This choir presents concerts to local congregations and participates in the Mennonite High School Music Festival as well as records an annual CD of the year's music. A fee covering the MSC Festival and clothing charges will be (\$150-175).

Grade 11 12 Year, 1 credit

Advanced Music Theory

Many students are involved in performing music. But who writes all the notes on the pages that we sing and play? How does one go about improvising a solo? Creative Music is for those students interested in the theoretical and creative aspects of music. While learning the basics of composing, arranging, improvising, transposing, etc., students will explore non-traditional performance genres like jazz, bluegrass, African, etc. A working knowledge of musical theory, competence in voice and an instrument are imperative for admittance into this course.

Grade 11 12 Semester, .5 credit

Orchestra \$

This course includes participation in String Orchestra, Wind Ensemble, and full Orchestra. Orchestral literature and techniques will be taught. Opportunities to perform will include Prelude and Dessert, the Christmas Concert, the Spring Concert, and traveling to the Mennonite Regional Orchestra Festival, and state contest. The fee for Orchestra festival ranges from \$50-\$125 depending on location.

Grade 9 - 12 Semester .25 credit

Jazz Band

This course offers the opportunity to study the genre of jazz, including the various forms, styles, and techniques exclusive to jazz music. Students will experiment with creating their own solos through improvisation. The course will meet 10th period or before school, and enrollment is contingent upon director approval and satisfactory participation in Orchestra.

Grade 9 10 11 12 .2 credit

Private Lessons

Central Christian School makes it possible for students to develop special talents in music by taking private lessons from expert teachers who come to our school. Students will learn advanced techniques and solo literature. Students will have the opportunity to compete at solo and ensemble contest. Students will be strongly encouraged to perform at least once in a public setting such as church or another recital. Lesson scheduling will be arranged.

Grade 9 10 11 12 Semester .075 credit

SCIENCE

Environmental Science

Relationships between members of ecosystems and the way they interact with the non-living environment will be studied. Included will be the human impact on the biosphere, including population studies, air and water pollution, and solid waste disposal. A fresh water ecosystem will be analyzed

Required Grade 9

Semester, .5 credit

Botany

The botany component is designed to look at different phyla of plants and their characteristics. Exploration centers on life cycles, reproductive structures, and cellular makeup of plants. The class uses a hands on approach focusing on preserved and live specimens. The physical science component is designed to investigate content dealing with light, force, and electricity.

Required Grade 9

Semester, .5 credit

Biology I

The chemical and physical structure of living things and their function is presented in a lab setting. This involves cell biology, genetics, and human biology. A survey of the modern, protist, fungi, plant, and animal kingdoms is made. Living specimens are used when possible

Required Grade 10

Year, 1 credit

Chemistry

A lab-centered study of principles involving substances found in our environment and the changes they undergo. Some principles include atomic structure as the basis for understanding molecules, chemical reactions, chemical bonds, organic chemistry and chemical dynamics. Semester one is required and will be more general. Semester two demands more math ability and is encouraged for those planning to attend college.

Grade 11

Year, 1 credit

Chemistry in Community

Grade 11

Physics

A lab-centered approach to discovering some of the basic physical laws of the universe. Semester one is required and covers measurement, time, waves (sound and light), and electricity. Semester II will involve a more quantitative study of mechanics and thermodynamics.

Grade 12 (required one semester)

Year, 1 credit

Science Electives

Biology II

An advanced biology class on human anatomy and physiology. The major systems of the human body are studied in depth with the dissection of a cat. Prerequisite: Biology I and Chemistry.

Grade 12

Semester, .5 credit

SOCIAL STUDIES

United States History

This course is a chronological and topical review of U.S. History, examining events from 1820 to the present. Course work includes reading assignments, cooperative group work, and one project per semester.

Required Grade 9

Year, 1 credit

Western Civilizations

The objective of this course is to look at events that have taken place after the Age of Exploration. We will look at the Industrial Revolution and how that changes the United States, Europe, and the rest of the world. Students will look at colonization of Africa and other events that affect the world as a whole. How do these events lead up to the Great wars of the 20th century? We will also look critically at the world of today and see how history has shape the society that we live in today.

Required Grade 10

Semester, .5 credit

American Government

This course is a study of the three branches of government at the federal, state and local level with additional units dependent on time and current issues. The course will include an ongoing study of current events.

Required Grade 12

Semester, .5 credit

Social Studies Electives

Current Events

This course studies current world and national issues with the main focus on events outside of the United States. A news magazine is used to help resource this course which includes cooperative learning group work and much class discussion.

Grade 11 12

Semester, .5 credit

WORK STUDY PROGRAM

The work study program is designed for students interested in learning a trade for a future vocation. Students will work one semester for two periods a day after chapel with a local business which has agreed to mentor the student. A portfolio will be required as a final project for this program. Students must apply for this program before the next school year begins.

Grade 12

Semester, .5 credit/period