

FCHS COURSE DESCRIPTIONS

2024-2025



REGISTRATION PROCESS

*****Course availability subject to change**

The purpose of this booklet is to answer questions and acquaint the students of Florence-Carlton High School with the opportunities available for the next school year.

Students will register online through their Infinite Campus account. Parents will be able to view the schedules that their students build. **Students will have access to add all classes, but they will need to be aware of the pre-requisites. They will not be scheduled for a class for which they did not complete the prerequisite.** In addition, all past obligations(fees) to the school must be cleared before a schedule will be built.

FCHS does not discriminate on the basis of race, color, national origin, sex, or disability. Classes offered will be based upon level of interest and/or room in the Daily Schedule. If you, as a parent, have any additional information that would be helpful in developing the student's schedule, please call Alli Bristow at 273-6301 ext. 4421, or email her at bristowa@florence.k12.mt.us. Thank you for your continued support.

FCHS COURSE DESCRIPTIONS 2024-2025

Registration Steps:

1. Log onto your Infinite Campus Account
2. Check this guide to make sure the courses you are picking are courses you meet the requirements for.
3. Choose the required courses and add your first choice electives.
4. Add 3 elective alternates in the spaces provided ranked in order of first choice at the top and third choice at the bottom. Complete this by the deadline of Friday May 31st 2024.
5. If you need assistance, contact Alli Bristow.

CLASS SELECTION IS FINAL

Acceptable reasons for change include computer error, medical or physical restrictions, a failed prerequisite, or inappropriate placement. Changing your mind about a class or a teacher is NOT an acceptable reason to change classes. After the drop/add period, class selection is final.

GENERAL INFORMATION

Each student must attend eight semesters (four years) of school unless special provisions have been made using the early graduation procedure authorized by the Board of Trustees. Students transferring in from other schools as juniors or seniors who cannot meet our graduation requirements can graduate based upon their previous school's graduation requirements.

Seniors will be required to take a minimum number of classes per semester based on their graduation track (regular, honors or high honors). Seniors will be allowed to schedule at least one period of senior release per day; students are not to be on campus during their senior release.

In planning the four-year program, students should be aware that the following courses must be taken to graduate from Florence-Carlton High School with at least a regular diploma. Please see the student handbook for specific information for honor and high honor diploma requirements.

English	4 credits
Math	3 credits
Science	3 credits
Social Studies	3 credits
Fine & Practical Arts	2 credits
CTE	1 credit
Health/PE	2 credits
Electives	6 credits
Total	24 credits required

Montana University System requires:

English	4 years
Social Studies	3 years
Science	2 years
Math	3 years through Algebra 2
Electives	2 years

Core

English (Need 4)

- English 9
- Honors English 9
- English 10
- Honors English 10
- English 11
- Honors American Literature
- English 12
- English 12 Dual Credit

Math (Need 3)

- Pre Algebra
- Algebra I
- Algebra II
- Honors Algebra II
- Geometry
- Honors Geometry
- Pre-Calculus (request info. for dual credit option)
- Dual Credit: Calculus I (through UM)

Science (Need 3)

- Integrated Science 9th
- Integrated Science 10th
- Chemistry
- AP Biology
- Physics
- Astronomy (Fall Semester only)
- STEM (Spring semester only)
- Wildlife Biology (Fall Semester only)
- Environmental Science (Spring semester only)

Social Studies (Need 3)

- World History
- US History
- Government
- AP Government

Health with PE or Strength (Need 2)

- 9/10 Health/PE
- 9/10 Health/Strength Training

Electives (Need 6)

Arts (Need 2)

Visual Arts:

- Creative Art
- Advanced Art
- Ceramics
- 3-D Design (formerly Sculpture)

Fine & Performing Arts

- Concert Band
- Drama
- Guitar
- Jazz Band

CTE-Career and Technical Education (need 1):

- Accounting
- Career and College Prep (Fall semester only)
- Consumer Economics/Personal Finance (Spring semester only)
- Florence Chronicle (Newspaper)
- Digital Media Technology
- Falcon Design
- Publication Production (Yearbook)
- Basic Fundamentals of Shop
- Advanced Fabrication w/ CAD
- Woods
- Metals
- Agriculture Comprehension
- Large Animal Care

General

- Teacher's Aide (TA)
- Work Study

World Language

- Spanish I, II, III

ART

Course: Creative Art

NCES Code:05156

Grade Level: 9-12

Prerequisite: NA

Disposition: 2 semesters, 1 credit, fine art elective, **Full Year - No 2nd Semester Add**

Fee: \$20.00

Description: *OPI-Visual Arts—Drawing courses provide a foundation in drawing using a variety of techniques and media (such as pen-and-ink, pencil, chalk, and so on) in both black and white and color, emphasizing observation and interpretation of the visual environment, life drawing, and imaginative drawing. These courses typically include applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. Advanced courses may encourage students to refine their creative processes and develop their own artistic styles following and breaking from traditional conventions.*

--This is a prerequisite for all other sections of art. Creative Art is a full year course. Until students have completed a full year, the student is not eligible to go on to any other art class. The art program is based on a sequential curriculum. Keeping a weekly sketchbook is required. Students will create a portfolio that will hold all handouts, writing assignments, and completed works of art. The curriculum includes drawing, painting, design, sculpture and wheel throwing with clay. Art history is emphasized in all sections of Art.

Course: Advanced Art

NCES Code:05154

Grade Level: 10-12

Prerequisite: Creative Art

Disposition: 2 semesters, 1 credit, fine art elective

Fee: \$30.00

Description: *OPI-Visual Arts—Comprehensive courses enable students to explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and to create individual works of art. Initial courses emphasize observations, interpretation of the visual environment, visual communication, imagination, and symbolism. Courses cover the language, materials, media, and processes of a particular art form and the design elements used. Advanced courses encourage students to refine their skills while also developing their own artistic styles following and breaking from traditional conventions. Courses may also include the study of major artists, art movements, and styles.*

--Students must apply and be accepted to Advanced Art. Students will demonstrate a mastery of materials, concepts and personal concentration when creating original works of art. There will be an emphasis on each student creating their own body of work. This class is largely self-paced and mimics the structure of a college level art course. Students must be able to work in an open, shared studio environment. All serious artists as well as continuing ceramic artists are encouraged to apply. *Students must submit, via email, 5 images of their best works of art and fill out an application. Applications can be obtained in the art room or in the high school office. Submissions should be turned into the art teacher NO LATER THAN May 15th. Late entries will not be accepted.

Course: Ceramics

NCES Code:05159

Grade Level: 10-12

Prerequisite: Creative Art

Disposition: 2 semesters, 1 credit, fine art elective

Fee: \$30.00

FCHS COURSE DESCRIPTIONS 2024-2025

Description: *OPI~Ceramics/Pottery courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.*

--Class will focus on Clay techniques including hand-building, coil, slab, sculpted work, wheel throwing and glazing. Students will learn a range of techniques that will help them to think and work in a 3-dimensional way. Students will be able to produce a variety of functional hand-thrown pieces as well as understand the artistic value and application of sculpture in today's world. Assignments will be adjusted for those who have more experience based on skill and previous ceramic classes. Students will gain an understanding of the history of pottery, ceramics and sculpture.

Course: 3D Design

NCES Code:05158

Grade Level: 10-12

Prerequisite: Creative Art

Disposition: 2 Semesters, 1 credit, fine art elective

Fee: \$30.00

Description: *OPI~Visual Arts—Sculpture courses promote creative expression through three-dimensional works. These courses explore representational and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. Visual Arts—Sculpture courses typically include the production of representational and abstract sculptures while incorporating elements of art and principles of design, along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective. These courses also provide instruction in the process of responding to art through analysis, critique, and interpretation for the purpose of reflecting on and refining work.*

--Creative Art is a prerequisite for this course. Students begin an exploration of the structural elements of art used when creating 3D forms. Additive and subtractive processes are used to manipulate and construct sculptural or ceramic forms in media that may include, but are not limited to clay, wood, plaster, found objects, and paper maché, with consideration of the workability, durability, cost, and toxicity of the media used. Student artists examine the effects of attention to detail, size, position, overlapping, visual pattern, and texture, and these considerations will be reflected in the surface and structural qualities of completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

BUSINESS AND COMPUTERS**Course:** Publication Production (Yearbook)**NCES Code:**11104**Grade Level:** 10-12**Prerequisite:** Digital Media Technology**Disposition:** 2 semesters, 1 credit, elective**Fee:** NA

Description: *OPI~Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.*

--This course will include organization, graphic design, editing, publishing, layout, copywriting, marketing, and sales in conjunction with the basic experiences in journalism. As students will rely on computers and appropriate software applications, basic computer skills are expected. The culminating activity will be the Falcon High School yearbook.

Course: Florence Chronicle (Newspaper)**NCES Code:**11104**Grade Level:** 9-12**Prerequisite:** NA**Disposition:** 2 semesters, 1 credit, CTE elective**Fee:** NA

Description: *OPI~Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.*

--The Florence Chronicle staff members work in a collaborative, deadline-focused environment to produce up to eight issues of the school newspaper per year. Staff members must be skilled writers and editors interested in writing for publication. Photographers and layout designers are also needed, but must also exhibit strong writing skills. All staff must sell advertising in order to ensure publication. In addition, staff members must be organized, dedicated, and motivated.

Course: Digital Media Technology**NCES Code:**11151**Grade Level:** 9-10**Prerequisite:** NA**Disposition:** 2 semesters, 1 credit, CTE elective**Fee:** \$25.00

Description: *OPI~These courses are designed to give students the skills necessary to support and enhance their learning about digital media technology. Topics covered in the course may include internet research, copyright laws, web-publishing, use of digital imagery, electronic forums, newsgroups, mailing lists, presentation tools, and project planning.*

Course: Accounting**NCES Code:**12104**Grade Level:** 9-12**Prerequisite:** NA**Disposition:** 2 semesters, 1 credit, CTE elective**Fee:** NA

Description: *OPI~Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or*

FCHS COURSE DESCRIPTIONS 2024-2025

other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

--This course is designed to help students understand business in their career and in their personal lives. Students will learn the accounting cycle, double-entry accounting for proprietorships, partnerships, and corporations. They will use various forms such as: ledgers, journals, payroll forms, financial statements and worksheets. The textbook utilizes a traditional accounting cycle approach to introducing students to new concepts and procedures. This step-by-step development gives students the guidance they look for and clearly demonstrates the continuity and interrelationships of the accounting process.

Course: College and Career Readiness

NCES Code:12001

Grade Level: 10-12

Prerequisite: NA

Disposition: 1 semester, .5 credit, CTE elective *1st Semester*

Fee: NA

Description: *OPI~Business/Office Career Exploration courses expose students to the occupational opportunities available in the accounting, administration, data processing, management, and secretarial fields. Emphasis is placed on responsibilities, qualifications, work environment, and career paths. These courses may also include consumer education topics, keyboard exposure, and/or hands-on experience within the various occupational areas.*

--This course engages students in an interactive, technology rich learning process, helping them develop the knowledge, skills, and attitudes needed to successfully examine their own lives, explore their own lives, explore and evaluate a wide range of education and career options, and make reasoned and researched goals for their future.

Course: Consumer Economics/Personal Finance

NCES Code:19262

Grade Level: 10-12

Prerequisite: NA

Disposition: 1 semester, .5 credit, CTE elective *2nd Semester*

Fee: NA

Description: *OPI~Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. These courses emphasize lifespan goal setting, individual and family decision making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also investigate the effects of the global economy on consumers and the family.*

Course: Falcon Design Studio

NCES Code:12998

Grade Level: 10-12

Prerequisite: Digital Media Design

Disposition: 2 semester, 1 credit, CTE elective

Fee: \$25.00

Description: *OPI~Business and Marketing—Workplace Experience courses provide students with work experience in fields related to business and marketing. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.*

--T-Shirt Making/Video Editing/Graphic Design/Photography-In this class students will have the chance to individually curate their own course of learning. It's a great example of 21st century education; a unique project based learning environment, where students work with instructors to build their own curriculum. Students will

FCHS COURSE DESCRIPTIONS 2024-2025

gain hands-on experience with all types of media production and utilize state of the art equipment and industry leading software.

This course is designed for students interested in technology, media and design work, but can't work other courses into their schedules or have already taken all our department classes. Advanced students are encouraged, but all levels are welcome. Students in this class are constantly pushing their own boundaries in independent study situations. Must be self motivated and enthusiastic about managing projects and time individually.

ENGLISH

Course: English 9**NCES Code:**01001**Grade Level:** 9**Prerequisite:** NA**Disposition:** 2 semesters, 1 credit, required**Fee:** NA

Description: *OPI-English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.*

--This basic class focuses primarily on those skills needed to succeed in future high school English courses. Students will examine and practice the techniques and tools required to compose a variety of written assignments such as essays, poetry, narratives, short stories and other genres. Basic grammar, punctuation, usage and spelling rules will also be reviewed. Much time is devoted to reading and responding to literature in groups and individually. Shakespeare is introduced through the study of *Romeo and Juliet*. Other major texts may include *The Odyssey*, *The Bean Trees*, *Absolutely True Diary of a Part Time Indian*, *House on Mango Street*, and independent novels.

Course: English 9 Honors**NCES Code:**01051**Grade Level:** 9**Prerequisite:** Teacher Recommendation**Disposition:** 2 semesters, 1 credit, required**Fee:** NA

Description: *OPI-English/Literature (freshmen and sophomores) courses are designed for freshmen and/or sophomores and typically introduce them to two or more genres of literature (novel, short story, poetry, and so on). Exploration of each genre's literary elements; determination of theme and intent; and examination of vocabulary and semantics are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension.*

--This course is an accelerated class intended to prepare students for advanced classes in upper grades. The curriculum will follow the same course guidelines as the regular English class — with a stronger emphasis on critical reading skills and literary interpretation, as well as more advanced writing focusing on literary analysis. Students also begin a literary study of poetry, descriptive and creative writing. Shakespeare is introduced through the study of *Romeo and Juliet*. Other major texts assigned may include *The Odyssey*, *The House on Mango Street*, *1984*, *The Bean Trees*, *Warriors Don't Cry*.

Course: English 10**NCES Code:**01002**Grade Level:** 10**Prerequisite:** NA**Disposition:** 2 semesters, 1 credit, required**Fee:** NA

Description: *OPI-English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.*

--In this course students will engage in several different forms of writing to include creative writing and critical writing. Focus will be on a continuation of critical reading skills and literary analysis. Students will read two class novels, a Shakespeare play, independent novels of their choice, as well as various short works. Possible texts: *Fahrenheit 451*, *Of Mice and Men*, *A Midsummer Night's Dream*, and *To Kill a Mockingbird*. Vocabulary

FCHS COURSE DESCRIPTIONS 2024-2025

study will be included along with grammar skills as they are applied to reading and writing.

Course: English 10 Honors

NCES Code:01051

Grade Level: 10

Prerequisite: Teacher Recommendation

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~English/Literature (freshmen and sophomores) courses are designed for freshmen and/or sophomores and typically introduce them to two or more genres of literature (novel, short story, poetry, and so on). Exploration of each genre's literary elements; determination of theme and intent; and examination of vocabulary and semantics are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension.*

--This course is an accelerated class intended to prepare students for advanced classes in upper grades. The curriculum will follow the same course guidelines as the regular English class — with a stronger emphasis on critical thinking skills and literary interpretation, as well as more advanced writing. Major texts include *Lord of the Flies*, *Of Mice and Men*, *To Kill a Mockingbird*, *Fahrenheit 451*, and *A Midsummer Night's Dream* as well as independent novels. This is not a requirement for students considering AP English, but it is strongly recommended.

Course: English 11

NCES Code:01003

Grade Level: 11

Prerequisite: NA

Disposition: 2 semesters, 1 credit, required

Fee: NA

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

--Students will study both classic and contemporary American Literature in the form of novels, plays, short stories, and poetry. Emphasis will be on developing critical thinking, as well as interpretive and analytical skills when responding to a variety of texts. Students will write in a variety of genres, including essay, narrative, poetry, journals, and research formats. In addition, students will study vocabulary, grammar and mechanics throughout the year. Major texts assigned may include *A People's History of the United States: 1492-Present*, *1492: Conquest of Paradise*, *Fools Crow*, *The Great Gatsby*, *The Adventures of Huckleberry Finn*, *The Catcher in the Rye*, *The Crucible* among other supplementary texts.

Course: Honors American Literature

NCES Code:01052

Grade Level: 11-12

Prerequisite: Teacher recommendation

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~English/Literature (juniors and seniors) courses are designed for juniors and/or seniors and emphasize comprehension, discernment, and critical-thinking skills in the reading of texts and literature. These courses introduce and explore more advanced literary techniques (irony, satire, humor, connotation, tone, rhythm, symbolism, and so on) through two or more literary genres, with the aim of creating sophisticated readers. Writing assignments are required as an additional method to develop and improve critical-thinking and analytic skills.*

--This course is a prerequisite for AP English. It emphasizes the development of advanced composition skills in critical thinking and literary analysis. American literature from early Puritan texts up through 21st century

FCHS COURSE DESCRIPTIONS 2024-2025

writings will be studied. The influence of our nation's history on the development of our nation's literature will also be examined. Major texts assigned may include *The Scarlet Letter*, *The Awakening*, *The Adventures of Huckleberry Finn*, *The Crucible*, *The Great Gatsby*, *Fools Crow*, *The Catcher in the Rye*, as well as other texts appearing on the AP reading list.

Course: English 12

NCES Code:01004

Grade Level: 12

Prerequisite: NA

Disposition: 2 semesters, 1 credit, required

Fee: NA

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

--English/Composition course is a year-long course designed for seniors to build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, this course—which emphasizes word choice, usage, and writing mechanics—provides continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition courses may emphasize college or business preparation and literature study is offered as an additional component in which students analyze examples of several genres, focusing on non-fiction texts such as memoir, personal essay, biography, and other such creative non-fiction texts.

Course: English 12 Writing 101 DC (Dual Credit)

NCES Code:01004-101

Grade Level: 12

Prerequisite: Teacher Permission/ Teacher Recommendation

Disposition: 2 Semesters, 1 credit, required, 3 college credits

Fee: \$165.00 for college credit

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

--This year-long course is designed to enable students to become more effective writers for personal, academic, and civic contexts. Students will be expected to read, analyze, and compose in different genres, thereby fulfilling the requirements for English 12 while simultaneously meeting the requirements for WRIT 101. This Missoula College course taken at Florence-Carlton High school allows students receiving a C- or better for this class to earn three credits towards their Montana University System college transcript. Students must receive a D- or better to receive high school credit for this class. College credit is determined by the instructor and his/her assessment of the student's coursework in conjunction with Missoula College course WRIT 101 requirements. Students taking this course must sign up for the course with Missoula College. Students are responsible for paying the associated costs (\$165.00) for receiving credit for the course.

FOREIGN LANGUAGE

Course: Spanish I

NCES Code:24052

Grade Level: 9-12

Prerequisite: NA

Disposition: 2 semesters, 1 credit, elective, **Full Year - No 2nd Semester Add**

Fee: NA

Description: *OPI~Designed to introduce students to Spanish language and culture, Spanish I courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.*

--The first year of Spanish is an introductory course to the language. Learning the sounds, acquiring a varied vocabulary, using basic grammar points and verb tenses, reading simple instructions and sentences, writing short sentences in Spanish, and orally responding to easy sentences are the primary skills students will develop in this foundation course. Students will begin to study Hispanic culture through film, readings, and special projects.

Course: Spanish II

NCES Code:24053

Grade Level: 10-12

Prerequisite: Spanish I

Disposition: 2 semesters, 1 credit, elective, **Full Year - No 2nd Semester Add**

Fee: NA

Description: *OPI~Spanish II courses build upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.*

--This class is a continuation of Spanish 1 with more advanced verb forms and grammatical structures. Vocabulary will increase extensively. Students will do more reading and writing, as well as begin to develop more fully their primary listening and speaking skills. Students will continue to study Hispanic culture through film, reading, and special projects.

Course: Spanish III

NCES Code:24054

Grade Level: 11-12

Prerequisite: Spanish II

Disposition: 2 semesters, 1 credit, elective, **Full Year - 2nd Semester Add - Teacher approval required**

Fee: NA

Description: *OPI~Spanish III courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.*

--Spanish Three involves a review of grammar and vocabulary presented at previous levels and introduces students to more complex grammatical structures, tenses, and moods. This course offers opportunities for more advanced reading, writing, listening, and speaking. Culture of various Hispanic countries is explored through a variety of resources. Students complete more projects and presentations.

MATH

In the past few years the mathematics department has undergone numerous changes to meet the needs of today's high school graduates. Technology requirements in the workplace require each graduate to be more mathematically literate than ever before.

All eighth graders are placed in the appropriate freshman mathematics course based upon their past performance, MAPs test scores, and teacher recommendation. Because more Florence-Carlton High School graduates are entering college, we currently offer a five-year mathematics program. To get all five years of mathematics, the serious student must take Algebra 1 in the eighth grade, or take two courses the same year — usually Geometry and Algebra 2 as a sophomore. With the diversity of students at Florence-Carlton High School, the mathematics department now has a program to serve the needs of all our students in today's technological society.

Course: Pre-Algebra

NCES Code:02051

Grade Level: 9-10

Prerequisite: 8th grade math

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI-Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.*

--General Mathematics courses reinforce and expand students' foundational mathematical skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures, congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities. Although there are many tools available in the classroom each student should be equipped with a notebook and a scientific calculator of their own.

Course: Algebra I

NCES Code:02052

Grade Level: 9-12

Prerequisite: 8th grade math, Pre-Algebra

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI-Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.*

--This course is the foundation of the high school mathematics curriculum. Algebra 1 includes many new topics formed by integrating geometry, statistics and probability with a greater emphasis on problem solving. Through the use of technology, integration with other math areas and problem solving, students will gain a better understanding of algebraic thinking. In addition, students will use cooperative learning as a problem-solving technique. First semester topics include: exploring expressions, equations, functions, rational numbers, linear equations, proportions, and graphic functions. Second semester topics include: analyzing linear equations, solving linear inequalities and equations, polynomials, factoring and quadratic functions. Real-world applications are stressed and calculators are used throughout the year. Although there are many tools available in the classroom each student should be equipped with a notebook and a scientific calculator of their own.

Course: Algebra II

NCES Code:02056

Grade Level: 9-12

Prerequisite: Geometry

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.*

--In this course, students do more than simply review Algebra 1 and do harder problems. This course does involve much of the same general topics as Algebra 1 but expands on them and looks at them from a different perspective. This course will lay the groundwork for additional study of advanced mathematics. Topics include: analyzing equations and inequalities, graphing linear functions, solving radical expressions and equations, trigonometric functions and their uses, polynomial functions, rational expressions, exponential and logarithmic functions, counting methods, probability, and rational functions. Graphing calculators are used throughout the course, but are not a required item. Although there are many tools available in the classroom, each student should be equipped with a notebook and a scientific calculator of their own.

Course: Honors Algebra II

NCES Code:02056H

Grade Level: 9-12

Prerequisite: Teacher Recommendation, Honors Geometry/Geometry

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.*

--This is an honors version of a standard Algebra II course. In this course, students do more than simply review Algebra 1 and do harder problems. This course does involve much of the same general topics as Algebra 1 but expands on them and looks at them from a different perspective. This course will lay the groundwork for additional study of advanced mathematics. Topics include: analyzing equations and inequalities, graphing linear functions, solving radical expressions and equations, trigonometric functions and their uses, polynomial functions, rational expressions, exponential and logarithmic functions, counting methods, probability, and rational functions. Graphing calculators are used throughout the course, but are not a required item. Although there are many tools available in the classroom each student should be equipped with a notebook and a scientific calculator of their own.

Course: Geometry

NCES Code:02072

Grade Level: 9-12

Prerequisite: Algebra I

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.*

--This course is a year-long study of Euclidean geometry. Through the use of technology, integration with other math areas, hands-on activities, construction, experimentation and problem solving, students will gain a better understanding of geometric thinking. First semester topics include: discovering points, planes, lines, angles, perpendicular lines, parallel lines, identifying and applying congruent triangles, and connecting reasoning and proof. Second semester topics include: exploring quadrilaterals, proportions, similarity, right triangles, trigonometry, circles, area, surface area, volume, loci, and coordinate geometry, including angles, parallelism,

FCHS COURSE DESCRIPTIONS 2024-2025

triangles, polygons, circles, congruence and similarity. There is emphasis on deductive proof and logic. Students are led to discover geometric theorems, through construction theorems, loci, and coordinate geometry. Although there are many tools available in the classroom each student should be equipped with a notebook and a scientific calculator of their own.

Course: Honors Geometry

NCES Code:02072H

Grade Level: 9-10

Prerequisite: Teacher Recommendation, Algebra I

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.*

--This is an honors version of a standard year-long study of Euclidean geometry. Through the use of technology, integration with other math areas, hands-on activities, construction, experimentation and problem solving, students will gain a better understanding of geometric thinking. First semester topics include: discovering points, planes, lines, angles, perpendicular lines, parallel lines, identifying and applying congruent triangles, and connecting reasoning and proof. Second semester topics include: exploring quadrilaterals, proportions, similarity, right triangles, trigonometry, circles, area, surface area, volume, loci, and coordinate geometry, including angles, parallelism, triangles, polygons, circles, congruence and similarity. There is emphasis on deductive proof and logic. Students are led to discover geometric theorems, through construction theorems, loci, and coordinate geometry. Although there are many tools available in the classroom, each student should be equipped with a notebook and a scientific calculator of their own.

Course: Pre-Calculus (request info. for dual credit option)

NCES Code:02110

Grade Level: 10-12

Prerequisite: Honors Algebra II/Algebra II

Disposition: 2 semesters, 1 credit, elective

Fee: NA

Description: *OPI~Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.*

–In this fourth-year course, statistics and algebraic concepts are integrated. Concepts are related to real-world applications and problems are based on true data taken from actual sources. The first semester includes: data exploration and interpretations, functions and models, transformations of graphs and data, and circular functions. Second semester topics include: trigonometric functions and applications, root, power, and logarithmic functions, probability and simulation, sequences, series, and combinations, and polynomial functions. This course may be offered as a dual credit option, please contact the instructor or High School Counselor for more information. Although there are many tools available in the classroom each student should be equipped with a notebook and a graphing calculator of their own.

Course: Calculus (request info. for dual credit option)

NCES Code:02124

Grade Level: 11-12

Prerequisite: Pre-Calculus

Disposition: 2 semesters, 1 credit, elective

Fee: NA

FCHS COURSE DESCRIPTIONS 2024-2025

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

–This is a year-long first course in Calculus. We begin by studying differential calculus, which includes topics such as limits, continuous functions, Intermediate Value Theorem, tangents, linear approximation, inverse functions, implicit differentiation, Extreme Value Theorem, and the Mean Value Theorem. We continue with integral calculus, where students will learn about antiderivatives, definite integrals, and the Fundamental Theorem of Calculus. This course may be offered as a dual credit option, please contact the instructor or High School Counselor for more information. Although there are many tools available in the classroom, each student should be equipped with a notebook and a graphing calculator of their own.

MUSIC and PERFORMING ARTS**Course:** Concert Band**NCES Code:**05102**Grade Level:** 9-12**Prerequisite:** Middle School Band

***If you transfer from another school (any time of the year) and you did not play in your previous 8th grade band, you will not be accepted into HS Band.*

Disposition: 2 semesters, 1 credit, fine art elective**Fee:** **\$125.00 ONLY IF you participate in pep band or drumline**

Description: *OPI~Courses in Concert Band are designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.*

--This is a FULL YEAR class. This class is a performance-oriented ensemble. The band will rehearse and perform a variety of musical styles, including classical, contemporary, jazz, multi-cultural and rock music. Requirements include: a fall marching season (2 parades), up to four concerts per year, District Music Festival. All performances mentioned up to this point are graded and curricular. Members of the concert band will also be expected to perform at a variety of scheduled pep band events throughout the year. These performances are considered extra-curricular. Students must exhibit an intermediate level of musical skill and possess a desire to achieve their best and be fully involved in the class.

Course: Jazz Band**NCES Code:**05106**Grade Level:** 9-12**Prerequisite:** Middle School Band plus an invitation from the director or an audition**Disposition:** 2 semesters, 1 credit, fine art elective**Fee:** **\$125.00 ONLY IF you participate in pep band or drumline**

Description: *OPI~Formerly known as Instrumental Ensemble, Small Ensemble courses help students perform a variety of musical styles (e.g., traditional chamber music, jazz, and rock). At the same time, these courses help cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic and provide experiences in creating and responding to music.*

Courses typically range in size from 2 to 20 performers.

--This is a FULL YEAR class. This class is a performance-oriented ensemble. Instrumentation includes Alto, Tenor and Baritone Saxophone, Trombone, Trumpet, Piano, Bass, Guitar and Percussion. Other instruments will be considered upon discussion with the director. This group is intended to be a select group of musicians that have been members of the band program for a minimum of three years. This group will cover a wide selection of jazz music including swing, Latin, funk, ballads and rock. Besides any concerts that happen at school, the students will produce a fall coffee house and attend the Buddy deFranco Jazz Festival & District (& possibly state) Music Festival(s) throughout the year to improve their technique. All performances are graded and curricular. **Membership is by audition or invitation only.** Auditions will take place April - May of each school year.

Course: Guitar**NCES Code:**05108**Grade Level:** 9-12**Prerequisite:** None**Disposition:** 2 semesters, 1 credit, fine art elective**Fee:** **\$10.00**

Description: *OPI~Guitar courses introduce students to the fundamentals of music and guitar-playing techniques, such as strumming and chords. These courses may also include more advanced guitar-playing techniques.*

--This one-year course is open to anyone wanting to learn guitar or develop their current guitar skills. No experience is required. There are a limited number of school guitars available for a \$20 rental fee. You will be required to learn many different styles of playing: reading music, reading tab, reading chords. You will learn

FCHS COURSE DESCRIPTIONS 2024-2025

how to finger pick and strum. There may be some small performance opportunities. Other areas of focus may include: basic music theory, basic understanding of rhythm reading, jazz, improvisation, singer/songwriter skills, ukulele, bass guitar, accompanying singers and more. This is meant to be a full year class, joining at the semester is doable, but difficult. This class has a 2 year limit. There is no "Guitar 3" curriculum.

Course: Drama

NCES Code:05053

Grade Level: 9-12

Prerequisite: NA

Disposition: 2 Semesters, 1 credit, elective, fine art elective

Fee: NA

Description: *OPI-Theater—Comprehensive courses help students experience and develop skill in one or more aspects of theatrical production. Introductory courses provide an overview of theatrical elements including acting, set design, stage management, directing, playwriting, and production. Advanced courses concentrate on extending and refining dramatic technique, expanding students' exposure to different types of theatrical styles, genres, and traditions, and increasing their participation in public productions.*

--This course is designed with an emphasis on acting, set design, stage management and production, and utilizing drama as a learning skill to interpret and analyze literature and language. The course will also enhance and develop individual acting and improvisational skills, along with a working understanding of the elements of stage and theater production. The course will primarily focus on at least one major production to be performed each semester. All students in this course will play an integral role in group drama productions and are assessed on their contribution/performance to/of public performances. All students will have acting opportunities; those interested may also/or work as sound, lighting, and stage technicians. All students will be required to attend evening dress rehearsals and productions not occurring during the school day. Grading will be based on displaying skills and fundamentals during class activities and exercises, line memorization, directing and management responsibilities, auditions, and public performances.

PHYSICAL EDUCATION

Course: PE/Health 9

NCES Code:08001

Grade Level: 9

Prerequisite: NA

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.*

--This is a required course for all 9th grade students. Concepts of nutrition, exercise, flexibility, weight-lifting, aerobic activities, stress management, mental preparation, and physical fitness are stressed. Physical education units introduce a variety of individual activities and team sports including but not limited to weight training, hockey, basketball, volleyball, soccer, track and field, softball, flag football, etc. Drug and Alcohol Component: A unit of the course is a component emphasizing that the use of illicit drugs and alcohol is harmful. It is incorporated into the regular curriculum.

Course: PE/Health 10

NCES Code:08001

Grade Level: 10

Prerequisite: PE/Strength/Health 9

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.*

--This is a continuation of practicing the skills and exercises of PE/Health 9. It too will incorporate a drug and alcohol component.

Course: Strength Training/Health 9

NCES Code:08001

Grade Level: 9-10

Prerequisite: NA

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.*

--This is a required course for all 9th grade students. Concepts of nutrition, 7 primal movements, exercise, flexibility, weight-lifting, aerobic activities, stress management, mental preparation, and physical fitness are stressed. Strength Training units introduce a variety of individual activities including but not limited to the Olympic variations, speed training, agility training, and sports specific movements, etc. Drug and Alcohol Component: A unit of the course is a component emphasizing that the use of illicit drugs and alcohol is harmful. It is incorporated into the regular curriculum.

Course: Strength Training/Health 10

NCES Code:08001

Grade Level: 9-10

Prerequisite: PE/Strength/Health 9

Disposition: 2 semesters, 1 credit, required

Fee: NA

Description: *OPI~Physical Education courses provide students with knowledge, experience, and an*

FCHS COURSE DESCRIPTIONS 2024-2025

opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

--This is a required course for all 9th grade students. Concepts of nutrition, 7 primal movements, exercise, flexibility, weight-lifting, aerobic activities, stress management, mental preparation, and physical fitness are stressed. Strength Training units introduce a variety of individual activities including but not limited to the Olympic variations, speed training, agility training, and sports specific movements, etc. Drug and Alcohol Component: A unit of the course is a component emphasizing that the use of illicit drugs and alcohol is harmful. It is incorporated into the regular curriculum.

SCIENCE

All students must successfully complete three years of science to meet the minimum requirements for graduation. Four years of science are recommended for college bound students. Three and four years of college preparatory science are required for Honors and High Honors graduates respectively.

Course: Integrated Science 9th

NCES Code:03201

Grade Level: 9

Prerequisite: NA

Disposition: 2 semesters, 1 credit, required, college prep

Fee: NA

Description: *OPI~The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.*

--Earth and Space Science is the study of the physical and chemical parts of our earth and the universe beyond. We all share Earth and experience the physical world everyday - this course will help you understand and appreciate the processes that surround us and have brought us to this point! The class covers a survey of the earth sciences including astronomy, geology, oceanography, and meteorology. Topics of study will include the universe, geologic time, rocks & minerals, plate tectonics, natural disasters, ocean features, climate and weather, natural resources, and biogeochemical cycles. ¼ Physics: Newton's Laws, Gravity, Energy

Course: Integrated Science 10th

NCES Code:03201

Grade Level: 10

Prerequisite: Integrated Science 9th or equivalent

Disposition: 2 semesters, 1 credit, required, college prep

Fee: NA

Description: *OPI~The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.*

--This course introduces high school students to the study of living organisms and their relationships both with other living things and with the physical environment. Throughout the course, the relevance of biology to everyday-life is stressed. The diversity of life is explored through the study of ecosystems and populations of organisms. The structures and biochemical processes of individual organisms, from single cells to many-celled organisms, are examined, with an emphasis on common strategies used by many living things to solve the problems associated with survival. This course will also include instruction of some Montana Physical Science standards including Heat, Electricity, Magnetism, Waves, Sound, Light, Color, and the Properties of Light

Course: Chemistry

NCES Code:03101

Grade Level: 10-12

Prerequisite: 1 credit Algebra I and currently enrolled or 1 credit Algebra II

Disposition: 2 semesters, 1 credit, science elective, college prep

Fee: NA

Description: *OPI~Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.*

--Chemistry is the study of matter - the stuff that makes up everything - and as such we can find chemistry all

FCHS COURSE DESCRIPTIONS 2024-2025

around us, everyday! In this course we will use an inquiry based approach to understand the foundations of chemistry. We will gather, analyze, and interpret data to uncover the fundamental laws governing how matter behaves. You will use analytical and critical thinking to not only arrive at the outcome but to deeply understand the process and reasoning behind the work we do. Mathematical thinking is crucial for this course and we will frequently use math to support our understanding. This course is highly recommended for students who plan on entering into any medical, human services, scientific and/or engineering college programs or technical schools as college chemistry is a required entry level class for all medical, engineering and scientific degrees.

Course: Physics

NCES Code:03151

Grade Level: 11-12

Prerequisite: Integrated Science 9th, 1 credit Algebra I and currently enrolled or 1 credit Algebra II

Disposition: 2 semesters, 1 credit, college prep

Fee: NA

Description: *OPI~Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.*

--Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. General Physics is considered a college preparatory course and is an important course for students interested in mechanics, engineering, science and mathematics.

Course: AP Biology

NCES Code:03056

Grade Level: 11-12

Prerequisite: Instructor approval - 3 previous credits of science recommended

Disposition: 2 semesters, 1 credit, elective, college prep

Fee: \$20.00 for lab materials and AP Test Fee-varies

Description: *OPI~Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. These courses cover three general areas: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college-level laboratory experiments.*

--This course is designed to prepare college-bound seniors for success in college-level biology courses. Topics emphasized during the course are biochemistry of living systems, cellular structures and strategies, and bioenergetics, as well as other concepts associated with the four major themes that form the core of the College Board's revised AP Biology curriculum. AP Biology students may earn college credit by receiving satisfactory scores on the nationally administered AP exam. Scores required, and the amount of credit offered, vary by individual colleges.

Course: Astronomy

NCES Code:03004

Grade Level: 10-12

Prerequisite: Integrated Science 9th and Algebra I recommended

Disposition: 1 semester, 0.5 credit, elective *1st Semester*

Fee: NA

Description: *OPI~Astronomy courses offer students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomical instruments and typically explore theories regarding the origin and evolution of the universe, space, and time.*

--Astronomy is not built to be a casual elective, as it is the study of the entire universe, so it is quite in-depth. To be successful in this course, students should expect to spend 4 to 7 hours a week completing reading assignments or research and hands-on labs. The course is built for students that have 9th/10th-grade reading level or better to navigate the text-based lessons.

FCHS COURSE DESCRIPTIONS 2024-2025

Course: STEM

NCES Code:03212

Grade Level: 10-12

Prerequisite: NA

Disposition: 1 semester, 0.5 credit, science elective *2nd Semester*

Fee: NA

Description: *OPI~In Scientific Research and Design courses, students conceive of, design, and complete a project using scientific inquiry and experimentation methodologies. Emphasis is typically placed on safety issues, research protocols, controlling or manipulating variables, data analysis, and a coherent display of the project and its outcome(s).*

--An introductory engineering course that allows you to explore the creative side of science and math. Common class components include creating plans, constructing working models, potential robotics applications, and ingenuity in problem solving.

Course: Wildlife Biology

NCES Code:03061

Grade Level: 11-12

Prerequisite: Integrated Science 10th recommended

Disposition: 1 semester, 0.5 credit, science elective *1st Semester*

Fee: NA

Description: *OPI~Zoology courses provide students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities.*

--For students interested in wildlife management or zoology includes field study techniques and information about careers in areas of animal science

Course: Environmental Science

NCES Code:03003

Grade Level: 11-12

Prerequisite: Integrated Science 9th and Integrated Science 10th recommended

Disposition: 1 semester, 0.5 credit, science elective *2nd Semester*

Fee: \$20.00

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

SOCIAL STUDIES**Course:** World History**NCES Code:**04051**Grade Level:** 10**Prerequisite:** NA**Disposition:** 2 semester, 1 credit, required**Fee:** NA

Description: *OPI~World History—Overview courses provide students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History—Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.*

--This class will focus on the study of civilization from the earliest times. Activities designed to enhance students' social abilities will be integrated with the study of art, literature, and geography. Students will be equipped to make informed decisions on current issues.

Course: US History**NCES Code:**04103**Grade Level:** 11**Prerequisite:** NA**Disposition:** 2 semesters, 1 credit, required**Fee:** NA

Description: *OPI~Modern U.S. History courses examine the history of the United States from the Civil War or Reconstruction era (some courses begin at a later period) through the present time. These courses typically include a historical review of political, military, scientific, and social developments.*

--This course is a survey of America's past emphasizing events, cause-effect and using analysis. Students will compare the past with the present to better understand how our nation's history was developed. The year is divided into semesters covering different eras.

Course: US Government**NCES Code:**04151**Grade Level:** 12**Prerequisite:** NA**Disposition:** 2 semesters, 1 credit, required**Fee:** NA

Description: *OPI~U.S. Government—Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.*

--This course examines the American political system, with emphasis on the Constitution, citizenship, the three branches, media, individual rights, and elections. Students are required to complete a senior project as part of this course.

Course: AP US Government & Politics**NCES Code:**04157**Grade Level:** 12**Prerequisite:** NA**Disposition:** 2 semesters, 1 credit, required**Fee:** NA

Description: *OPI~Following the College Board's suggested curriculum designed to parallel college-level U.S. Government and Politics courses, these courses provide students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies and foundational documents. The courses generally cover foundations of American democracy, interaction among branches of government, political beliefs and behaviors, political participation, and civil rights and liberties.*

FCHS COURSE DESCRIPTIONS 2024-2025

--The AP Government & Politics: United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality.

FLORENCE VOCATIONAL TECHNICAL DEPARTMENT

OBJECTIVE: The Florence-Carlton Vo Tech Department objective is to provide a safe, positive, structured learning environment where our students can gain skills to be able to enjoy lifelong hobbies and/or prepare them for multiple career fields utilizing these broad-based skill sets.

INDUSTRIAL TECHNOLOGY

Course: Basic Fundamentals of Shop

NCES Code:13003

Grade Level: 9-12

Prerequisite: NA

Disposition: 2 Semesters, 1 credit, CTE elective

Fee: \$35.00 plus project materials

Description: *OPI~Industrial Arts courses expose students to the tools and machines that they may encounter in manufacturing-related occupations and enable them to develop the skills they need to use these tools in various applications. Course topics typically include (but are not limited to) drawing and planning, electricity, graphic arts, woodwork, leatherwork, metalwork, plastics, and power technology. These courses typically cover general safety and career exploration as well.*

--This class is a year-long commitment. Are you interested in learning to build projects with your hands but unsure if you like metals or woods? This is the introductory class for you! This class is a basic introduction to woods and metals with a full semester of each. In this class students will learn shop safety and an introduction to a working shop environment. Students will begin by building a strong basic foundation for both wood/metal techniques and tool/machine use with student safety in mind. With this foundation we will apply your new knowledge into project planning and completion.

Students are responsible for the cost of the materials they use for individual projects. If a student decides to purchase material through the school, material must be paid before material will be ordered from suppliers.

**Grades are based on daily production and participation, tests and progress of individual projects.*

Course: Metals

NCES Code:13055

Grade Level: 9-12

Prerequisite: Basic Fundamentals of Shop

Disposition: 2 semesters, 1 credit, CTE elective

Fee: \$35.00 plus project materials

Description: *OPI~Metal Processing/Production courses include studying the properties of metals and metal alloys and using these materials to construct usable products. These courses enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.*

--This class is a year-long commitment. Have you completed Basic Fundamentals of Shop and ready to focus on welding? If so this is the class for you!! In this class students will learn shop safety and an introduction to a working shop environment. Students will enhance their skills of oxy acetylene cutting/welding, arc welding, plasma cutting, and wire feed welding. You will learn to use a variety of basic metal shop tools for drilling, grinding, cutting, and fabrication all with student safety in mind. There will also be a basic introduction to blacksmith forge work. With these new found skills you will learn to design, layout, and build great projects.

Students are responsible for the cost of the materials they use for individual projects. If a student decides to purchase material through the school, material must be paid before material will be ordered from suppliers.

**Grades are based on daily production and participation, tests and progress of individual projects.*

Course: Woods

NCES Code:13054

Grade Level: 9-12

Prerequisite: Basic Fundamentals of Shop

Disposition: 2 semesters, 1 credit, CTE elective

Fee: \$35.00 plus project materials

FCHS COURSE DESCRIPTIONS 2024-2025

Description: *OPI~Wood Processing/Production courses include studying the properties of woods and composites made from woods and using these materials to construct usable products. These courses enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.*

--This class is a year-long commitment. Have you completed Basic Fundamentals of Shop and ready to focus on woodworking? If so this is the class for you!! In this class students will learn shop safety and an introduction to a working shop environment. Students will enhance their skills of design, measurement, cutting, gluing, sanding, and finishing of your wood based project using a variety of power/hand tools with student safety in mind. We will review wood species identification and their appropriate usages.

Students are responsible for the cost of the materials they use for individual projects. If a student decides to purchase material through the school, material must be paid before material will be ordered from suppliers.

**Grades are based on daily production and participation, tests and progress of individual projects.*

Course: **Advanced Fabrication w/CAD** **NCES Code:21107**

Grade Level: 10-12

Prerequisite: Basic Fundamentals of Shop, Woods I, or Metals I

Disposition: 2 semesters, 1 credit, CTE elective

Fee: **\$35.00 plus project materials**

Description: *OPI~Frequently offered as an intermediary step to more advanced drafting courses (or as a concurrent course), CAD Design and Software courses introduce students to the computer-aided drafting systems available in the industry.*

--This class is a year-long commitment. Computer-Aided Design is a course set around basic design and engineering concepts. The students will demonstrate skill attainment in 2D/3D geometry and Residential Design construction using a computer through project based learning. This course is for students interested in manufacturing, design, or engineering as a potential career.

Students are responsible for the cost of the materials they use for individual projects. If a student decides to purchase material through the school, material must be paid before material will be ordered from suppliers.

**Grades are based on daily production and participation, tests and progress of individual projects.*

Course: **Agricultural Comprehension** **NCES Code:18002**

Grade Level: 9 -12

Prerequisite: NA

Disposition: 2 semesters, 1 credit, CTE elective

Fee: NA

Description: *OPI~Agriculture—Comprehensive courses cover a wide range of agricultural topics, including plant and animal science, production, and processing; agricultural mechanics, including tool and machine operation and repair; construction and repair of farm structures; business operations and management; and the careers available in the agricultural industry. They may also include topics such as chemical and soil science, ecology, agricultural marketing, and veterinary science.*

--Agricultural Production courses combine content related to animal and plant production, providing comprehensive coverage of the production functions of the agricultural industry. These courses typically cover such topics as care and management of farm animals, crop production and harvesting, plant and animal, insect and disease control, efficient resource management, and farm management. This course may also include units in agricultural structures and mechanics.

Course: **Large Animal Care** **NCES Code:18103**

Grade Level: 9-12

Prerequisites: None

Disposition: 2 semesters, 1 credits, CTE elective

***Offered every other year: Large Animal offered 24-25**

Fee: NA

Description: *OPI~Large Animal Care courses focus on the care and management of large animals. Animal*

FCHS COURSE DESCRIPTIONS 2024-2025

nutrition, health, behavior, reproduction and breeding, anatomy and physiology, facilities, handling and training, and grooming are typical areas of study. Course topics may include product processing and marketing.

--Large Animal Science courses combine content related to large animal husbandry. These courses typically cover such topics as health, reproduction, nutrition, basic systems, animal disease control and the application to animal production. Enrolled students will also be prepared for the Livestock and Vet Science FFA contests.

MISCELLANEOUS

Course: Work Study**NCES Code:**22151**Grade Level:** 12 only**Prerequisite:** Students must have a job/employer agreement by the second week of the start of the semester or they will be dropped. (verified with work study paperwork)**Disposition:** 2 semesters, 1 credit, elective**Fee:** NA**Description:** *OPI-Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.*

--The work-study program will provide students with the broadest on the job experience and training. These job experiences contribute to the student's education and future employability. The work study program is available to seniors only. All students enrolled in the work study program must provide the school with proof that they have an approved job. This will include the signing of an agreement between the employer, the school, the student, and the parent(s) if the student is under 18 years of age. Students will be able to enter the work study program only during the first two weeks at the beginning of each semester with administrative approval. The student will be responsible for his/her own transportation to and from work. Florence-Carlton High School will not be held responsible for classes that a student does not take because he/she elects to enter the work study program. Students are required to submit the number of hours worked and proof of employment (pay stub, time card, etc.) on a bi-weekly basis to the Work Experience Teacher Coordinator. Work study students are not allowed to be on campus during their scheduled work study period.

Course: Teacher's Aide**NCES Code:**22151**Grade Level:** 11-12**Prerequisite:** Student must have approval of the teacher/staff they wish to work with**Disposition:** 2 semesters, 1 credit, elective**Fee:** NA**Description:** *OPI-Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.*

--Students must have approval of the teacher/staff member they wish to work with. Students are expected to help that teacher/staff member throughout the entire high school class period. If required work is done, students may work on homework, but shall remain under the supervision of their supervising teacher/staff member. Students will receive a letter grade based on the agreed upon expectations of the overseeing teacher in regard to attendance and performance.

Course: Montana Digital Academy**NCES Code:**varies**Grade Level:** 10-12**Prerequisite:** Depends on course taken**Disposition:** 1 semester, .5 credit, elective**Description:** --Montana Digital Academy (MTDA) provides innovative online coursework to Montana's K-12 students 24/7. The initial academic year will offer forty high school courses to students through public school districts in the state of Montana. Course content is taught by high quality, Montana-licensed instructors and aligned to state education standards, including Indian Education for All. MTDA meets the needs of a variety of students. MTDA eliminates scheduling conflicts allowing more students to graduate on time. Students have the opportunity to repeat a course they have previously failed, without attracting any undue attention. MTDA also gives students the opportunity to take AP and enrich elective coursework that may not be available in their local schools. Home-schooled children may participate in MTDA coursework if they register at their resident public

high school.

RULES FOR ONLINE/CORRESPONDENCE

E COURSE STUDY

I Eligibility and Registration

Students, regardless of grade level, who are academically qualified to take a course for high school credit in a Florence-Carlton School District public school may use distance learning to take the same course, receive a grade to be averaged into the student's GPA, and be granted a high school credit when earned through the MDA. No minimum GPA is required to take a course through distance learning. All prerequisites as determined by the Florence-Carlton School District must be successfully completed prior to enrollment in a distance learning course.

- b) Online or correspondence learning is an alternative to learning in a traditional classroom. It is not for every student. Characteristics that aid in the success of a distance learning student are
 - i) reading competency
 - ii) time management skills
 - iii) intrinsic motivation
 - iv) self-discipline
- c) Guidance services will be provided by the student's school of record in the form of
 - i) assistance in registration
 - ii) information sharing between institutions
 - iii) transcript processing
- d) At the discretion of the Principal at the student's school of record, distance learning courses may be selected by students who:
 - i) need to make up credits in order to graduate on schedule;
 - ii) are seeking grade forgiveness;
 - iii) are eligible for hospital or homebound programs;
 - iv) want to take course(s) not offered at FCHS;
 - v) have scheduling conflicts;
 - vi) may need/want a learning environment different from that of a traditional classroom setting;
 - vii) want to accelerate their academic program by taking additional courses to facilitate early graduation;
 - viii) are excused from being physically present on the campus of their school of record for an extended period of time; Classes offered at Florence-Carlton may not be substituted except to meet the above guidelines.

For online or correspondence courses, parent, student, and principal or a designee must confer and agree that course(s) selected is (are) academically and developmentally appropriate for the student and that all prerequisites as determined by the student's school of record have been completed before registration in a distance learning course.

II Registration Fees and Costs

Costs such as book or lab fees must be borne by the student and/or his/her family.

Dual-credit course fees are the responsibility of the student. Class lists will be added to the online version of this book once available.

III Credit

- a) Courses completed under this policy will be accepted for academic credit at face value. That is, one unit toward graduation will be awarded for each full year course completed.
- b) All decisions regarding course credit shall be made by the Principal and shall be final. Percentage grades submitted by the MDA instructor shall be used to determine a letter grade for each student according to the policy of the District or School. Classes dropped after FCHS drop dates will be labeled on transcripts as an "F" for the semester.

Traditional Schedule for High School:

Freshman Year

Science - Integrated Science 9
English - Eng 9 or Eng 9 Honors
Math -
PE - PE 9 or Strength 9
Elective -
Elective -
Elective -

Sophomore Year

Science - Integrated Science 10
English - Eng 10 or Eng 10 Honors
Math -
PE - PE 10 or Strength 10
Social Studies - World History
Elective -
Elective -

Junior Year

Science -
English - Eng 11 or Honors American Literature
Math -
Social Studies - US History
Elective -
Elective -
Elective -

Senior Year

English - Eng 12 or Eng Writ 101 (DC)
Social Studies - Government
Elective -
Elective -
Elective -
Elective -
Elective -