



*Encouraging Learning,
Strengthening Families,
Inspiring Legacies for God's Glory.*

Upper School Course Guide 2018-2019



Academic Support Team

Sue McIntyre Director of Guidance

suem@circlechristianschool.org

Dianne Richardson Director of Upper School

dianner@circlechristianschool.org

Erin Theriault Circle School of the Arts Director

erint@circlechristianschool.org

Jan Brunson Upper School Parent/Teacher Liaison

janb@circlechristianschool.org

Bryna Cannon eLearning Campus & Accreditation Administrator

brynac@circlechristianschool.org

Karen Stella Attendance, Campus, & Volunteer Service Director

karens@circlechristianschool.org



Table of Contents

4	Complete Course Listing
5	Fundamentals (Middle School) Course Guide
5	Recommended Course of Study-Middle School
6	Language Arts
7	Mathematics
8	Science
9	History
10	Electives
11	Arts Electives (Wednesdays)
13	Middle School Student Placement Guide
14	High School Course Guide
14	Recommended Course of Study-High School
16	Humanities (9th Grade Integrated Studies)
17	English
20	Mathematics
23	Science
25	History
26	Electives
33	Arts Electives (Wednesdays)
35	Circle School of the Arts
36	Required CSA Courses
37	High School Student Placement Guide
39	Non-Credit Opportunities and Classes
39	Summer Math Offerings
39	Competitive Academic Teams
41	More Student and Parent Opportunities

fundamentals

CIRCLE  CHRISTIAN
HIGH SCHOOL

 **circle** school of the **arts**
Matching God given talent with extraordinary opportunities



Upper School Complete Course Listing by Subject

Course designations: Honors (H), Dual Enrollment (DE), Circle School of the Arts (CSA), STEM Honors Diploma (ST).
Courses are subject to change.

HS STEM HONORS DIPLOMA DESIGNATION:

A STEM (Science, Technology, Engineering, and Mathematics) Honors Diploma may be earned by the student who, during 9th -12th grades, chooses 4 or more STEM electives and meets the CCS Honors Diploma requirements. STEM electives are defined as courses above and beyond the core requirements. Students must also apply and be accepted into the program by the end of their Junior year. Qualifying STEM electives offered by Circle are indicated with the (ST) abbreviation following the course. Other STEM courses are subject to guidance approval.

English	History	Science	Mathematics
<p>7th-8th Grade English 7 English 8</p> <p>9th-12th Grade (H) English 1 (American Literature) (H) English 2 (British Literature) (H) English 3, 4 (World Literature) (DE) English Comp 1 (DE) English Comp 2</p>	<p>7th-8th Grade World History 7 Civics: History of Freedom 8</p> <p>9th-12th Grade (H) American History (H) World History</p> <p>12th Grade (H) American Government & Economics w/Financial Literacy</p>	<p>7th-8th Grade General Life Science 7 (H) Physical Science 8</p> <p>9th-12th Grade (H) Biology 1 (with lab) (H) Chemistry 1 (with lab) (H) Chemistry 2 (with lab)(ST) (H) Marine Science (with lab)(ST) (DE) Human Anatomy (with lab)(ST) (H) Physics (with lab)(ST) (DE) AS120: Aeronautical Science (ST) (DE) AS220: Unmanned Aircraft Systems (Drones)(ST)</p>	<p>7th-8th Grade Pre-Algebra 7, 8 (H) Algebra 1</p> <p>9th-12th Grade (H) Geometry 1 (H) Algebra 2 (H) Mathematical Analysis & Analysis of Functions (DE) College Algebra (ST) (DE) Precalculus & Calculus 1(ST)</p>
<p>9th Humanities: Integrated English, History and Bible/Worldview (H) Humanities 9 (English 1, American History, Critical Thinking/ Issues in Humanities) 3 full credits</p>			
Bible/Worldview	Electives	Circle Arts Electives	CSA Requirements
<p>9th-10th Grade Leadership: Strengths</p> <p>11th-12th Grade World Religions and Philosophy</p>	<p>7th-8th Grade Intro to Culinary Arts 3D Studio Art 1 STEM Quest</p> <p>9th-12th Grade 3D Studio Art 1 Computer Programming (ST) Culinary Arts 1 Culinary Arts 2 French 1 French 2 French 3 Leadership: Strengths Principles of Engineering (ST) Psychology 1 & 2 (DE) Intro to Psychology Spanish 1 Spanish 2 Speech 1 & Debate 1 (DE) Web Design (ST)</p>	<p>7th-8th Grade Actor's Lab 1, 2 Two Dimensional Studio Art 1 Circle Studio Players* Songwriting Essentials</p> <p>9th-12th Grade Two Dimensional Studio Art I Circle Studio Players* Acting 1, 2 Acting 3, 4 Dance Repertory 1-4 Songwriting Essentials</p>	<p>9th-12th Grade Acting 1, 2 Acting 3, 4 Dance Repertory 1 Circle Theatre Company**</p>

*Co-requisite course required ** Interview and proficiency assessment required



fundamentals

All courses listed in this Upper School Course Guide are subject to change, whether by addition, deletion, or modification, at the sole discretion of Circle Christian School. Circle Christian School does not guarantee or warrant that all courses that are listed in this Course Guide will be available or offered during any academic school year. Prerequisites may apply as well as minimum and maximum enrollment for all courses. All middle school courses meet twice a week.

Recommended Typical Course of Study - Middle School

This guide has been developed to assist you in the decision-making process. Your student's individual desires and strengths should be considered as your primary guide. Courses are subject to change.

	7th Grade	8th Grade
Language Arts	English 7	English 8
Mathematics	Pre-Algebra 7, 8	(H) Algebra 1
Science	General Life Science 7	(H) Physical Science 8
History	World History 7	Civics 8: A History of Freedom
Electives	Intro to Culinary (WP campus only) 3D (Three-Dimensional) Studio Art 1 STEM Quest	Intro to Culinary (WP campus only) 3D (Three-Dimensional) Studio Art 1 STEM Quest
Arts Electives (Wednesday)	2D (Two-Dimensional) Studio Art 1 Actor's Lab 1, 2 Circle Studio Players * Songwriting Essentials	2D (Two-Dimensional) Studio Art 1 Actor's Lab 1, 2 Circle Studio Players* Songwriting Essentials

* Co-requisite course required



MIDDLE SCHOOL LANGUAGE ARTS

English 7

Language Arts (1001040)

Grade 7

English 7 is designed to teach writing and language skills, which includes vocabulary and grammar overview. Students are engaged in creative expression in a variety of literary and written forms. The course explores the development of personal writing. By incorporating source texts from Fundamentals history, science, and literature, while employing and expanding on core IEW writing techniques, students will reinforce concepts and develop their writing skills. Students are introduced to note-taking, outlining, reporting (oral and written), analyzing (plot outlines), and creating stories to improve writing and confidence with stylistic techniques. Students read a selection of literary works exposing them to famous authors from around the world. They have weekly literature-based writing assignments and use their own notes and textbooks from history and science to complete a world history report and a science research paper. This course fulfills a core academic middle school requirement. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets twice a week.

Recommended resource for parents new to IEW writing: IEW's Teaching Writing: Structure and Style.

English 8

Language Arts (1001070)

Grade 8

English 8 is designed to teach writing and language skills, including vocabulary, with immersion of grammar and syntax preparing students for the demands of Eng I Honors class. Students engage in creative expression in a variety of literary and writing forms. Emphasis is developing a personal writing style, instilling confidence and independence, transitioning them from the mechanics of writing to the exploration of their own personal style of writing. Incorporating source text from Fundamentals (history, science, and literature), while employing and expanding on core IEW writing techniques, students deepen their previous connections of concepts to implement and investigate their personal methodology. Laying the groundwork for keen listening and organizational skills, students are introduced to the detailed procedures of note-taking, outlining, oral and written reports, analyzing plot outlines, and creative stories to bolster their writing and build confidence. Students read a selection of literary works to practice analyzing an array of styles written by famous authors. Using weekly literature-based writing assignments, students utilize support from their own notes as well as history and science textbooks to complete a world history report and a science research paper. This course serves as a core academic middle school course. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets twice a week.

Recommended resource for parents new to IEW writing: IEW's Teaching Writing: Structure and Style.



MIDDLE SCHOOL MATHEMATICS

Pre-Algebra 7, 8

Mathematics (1205070)

Grade 7, 8

Pre-Algebra 7, 8 is developed to incorporate concepts necessary to meet Pre-Algebra objectives and work on skills to prepare students for success in Algebra I Honors. Designed to build connections with the abstract world of math so students can make better sense of their world through problem-solving, this course develops solid mathematical concepts by engaging abstract thinking. With attentiveness to order and organization, students experiment with the introduction to algebra concepts using statistics (data analysis, probability, ratio, and proportions), geometry (angle relationships, transformations, and right angles), and expressions (variable/order of operation/factoring, equations and inequalities, and functions and graphs). Building self-assurance through the year, this course prepares students for their next course of study. A scientific calculator, Texas Instrument (TI) I-30X IIS (costing \$10-\$15), is **required** for this course (cell phone scientific calculators are not acceptable). If students intend to continue on with DE or STEM programs, a TI-84 graphing calculator may be purchased, for this class, with that in mind; however, it is not necessary for this course. (TI-86/89 and Casio graphing calculators are **not recommended**). Students have weekly classes and at-home assignments, quizzes, and exams. Circle's eLearning Campus (an online classroom component) requires weekly log-ins. This course serves as a core academic middle school course that meets twice a week.

Prerequisites: Strong arithmetic skills. Foundational skills required for success in this course are assessed at registration (\$20 fee for a hand-graded placement test) to ensure correct placement and a successful experience for students. Students without a qualifying score of 80% on the placement test must complete remediation over the summer, retake the placement test, and demonstrate the foundational skills necessary for success to remain enrolled in the class. The placement test is emailed to the parent following class registration. Students currently enrolled in CCS Pre-Algebra will take the placement test in class prior to registration.

Algebra 1 Honors 8, 9

Algebra 1 Honors (1200320)

1 Year / 1 Credit

Grade 8, 9

Algebra 1 Honors is designed to provide a solid foundation for more advanced mathematics courses and to develop problem-solving skills necessary for high school math and college entrance exams. Designed to build independent thinking, students advance from experimenting with Pre-Algebra concepts into applying those concepts by using major formulas and techniques used for solving complex problems. Students learn to apply probabilities of compound events, central tendency, and plotting and histograms. They connect radicals to geometry by using square root functions, simplifying radical expressions, and solve for radical equations. They also use quadratic equations, Pythagorean Theorem, analyze linear systems to help discover an appropriate situational solution, and more. Students are required to complete all assignments (class and at-home), take quizzes and tests, and semester exams. At minimum, a TI-30X IIS scientific calculator (costing \$10-\$15) is required (cell phone scientific calculators are not acceptable). Students may choose to invest in a TI-84 graphing calculator for future use, but it is not necessary for this course. (TI-86/89 and Casio graphing calculators are **not recommended**). This course serves as a core academic middle school course. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets twice a week.

Eighth grade students taking the course for high school credit must pass the Algebra 1 end of course exam and earn at least a "B" in the course.

Prerequisite: Pre-Algebra or commensurate skills. Foundational skills required for success in this course are assessed at registration (\$20 fee for a hand-graded placement test) to ensure correct placement and a successful experience for students. Students without a qualifying score of 80% on the placement test must complete remediation over the summer, retake the placement test, and demonstrate the foundational skills necessary for success to remain



enrolled in the class. The placement test is emailed to the parent following class registration. Students currently enrolled in CCS Pre-Algebra will take the placement test in class prior to registration.

MIDDLE SCHOOL SCIENCE

General Life Science 7

Science (2002040)

Grade 7

Life Science 7 is designed as a student's first systematic study of the sciences, which overviews living organisms (microorganisms, plants, animals, and human beings). The topics are biblically based and give a taste to the many parts that make up Life Science and introduce other sciences (genetics, mutation, biology, and more). Students are trained in notetaking skills, which will be helpful for lab notebooks, and preparing students for future high school sciences. This primes students to enhance their listening skills, while engaging processing skills through different medium forms. Periodic quizzes are given and daily work assigned each week. Weekly use of Circle's eLearning Campus (an online classroom component) is required. Students will also participate in the Invention Convention which is an exciting, creative project where students will have the opportunity to share their original invention. The textbook answer key is not recommended for this class. This course serves as a core academic middle school course, and meets twice a week, which allows for labs and experiments.

Physical Science 8

Physical Science Honors (2003320)

1 Year / 1 Credit

Grade 8

Physical Science 8 is designed to cover a broad range of physical science topics and prepare students for the rigor of Biology I Honors by developing good assignment and study habits. This course explores chemistry, the physics of motion, Newton's Laws, gravity, and astrophysics. The class component allows for additional labs and experiments conducted in the classroom. Labs and experiments are meant to be instructed in how to best study material presented in this format and how to best master the information to prepare students for challenging high school science courses. Various study skills and techniques, such as outlining, flashcards, and more, are taught and emphasized in this course. Students keep a lab notebook, which provides training on note-taking that is invaluable in high school. Periodic quizzes are given and daily work assigned each week. Students will also participate in the Invention Convention which is an exciting, creative project where students will have the opportunity to share their original invention. This is an excellent course for preparing the student to take college-prep high school sciences. This course allows qualified students the opportunity to accelerate earned credits using Circle's Honors track. Weekly use of Circle's eLearning Campus (an online classroom component) is required. The textbook answer key is not recommended for this class. This course serves as a core academic middle school course and meets twice a week.

*Please consult with Academic Guidance to determine if the high school credit option is in the best interest of your particular student. **Eighth graders taking the course for high school credit must earn at least a "B" in the course which includes the final exam.***



MIDDLE SCHOOL HISTORY

World History 7

History (2109010)

Grade 7

World History 7 is designed to challenge students to embrace world history in a living books approach through timelines, projects, and creative, tangible responses. This course provides a basic overview of world history from the Fall of Rome through the 1600s. Topics covered in this course include the Dark Ages, medieval societies, the Renaissance and Reformation, and the Age of Exploration. Students use timelines and maps to develop their understanding of people and events in the context of time and place. Students focus their map skills on Europe, Asia and Africa, as well as South America, enabling them to better understand the impact of geography on history. Students use PowerPoint to make short, topical in-class presentations throughout the year and are also required to research and prepare tri-fold presentations to enrich their understanding of topics covered in class. The class component allows for additional project time to be utilized in the classroom as well as adequate lecture and lesson time for note taking. This approach is designed to help middle school students learn how to study material presented and master it in preparations for future history courses. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course serves as a core academic middle school course, and it meets twice a week.

Civics 8: A History of Freedom

Civics (2106010)

Grade 8

Civics 8: A History of Freedom explores the foundations and functions of American government through the lens of American history. With hands-on activities, source documents, and a variety of projects, students engage in the Constitution, the political process, the economy, the judicial, legislative, and executive branches, while embracing a rich understanding of the providential history, surrounding and impacting the formation, structure, and guidance of our nation. By participating in mock elections, congressional hearings, or trials, students develop experiential insights that produce active and committed citizens. Individual and cooperative projects, presentations, reports, and debates are utilized to enhance this valuable study. The class component is designed to help middle school students learn how to embrace assignment responsibility, study material presented, and prepare for high school success. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course serves as a core academic middle school course and meets twice a week.



MIDDLE SCHOOL ELECTIVES

3-Dimensional (3D) Studio Art 1

3D Studio Art 1 (0101330)
Performing Fine Art

1 year / 1 credit

Grades 7-8
Grades 9-12

3D Studio Art 1 is a fun exploration of our 3D environment. Students will analyze, evaluate, design, and create in 3D using items such as clay, wood, and nature. They will use additive and subtractive processes to construct 3D forms with an emphasis on understanding God's incredible creation. As a capstone students will digitally design and 3D print their chosen work. This is an art course, *not* a technology course in 3D printing. This course incorporates hands-on activities and consumption of art materials. A materials fee will apply. This course serves as an elective middle school or high school arts course and meets once a week following the middle school electives schedule (2:20-3:30pm). See schedule for details. Transcript credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) is required.

Prerequisite: none

Introduction to Culinary Arts (Winter Park campus only)

Intro to Culinary (8800500)

Grade 7-8

Introduction to Culinary Arts is a class where students delight in learning how to create delicious food. From an introduction to essential food preparation to fundamental cooking techniques, skills, and terminology, this entry-level course intends to provide students with a solid foundation through a combination of engaging direct instruction and hands-on practical application. This weekly class encourages confidence in the kitchen! Lessons are fun and colorful as we explore different cultures, while preparing and tasting the essence of their regional cuisines. Attention is placed on wholesome and unique ingredients. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisite: none

STEM Quest

Elective

Rotation Year 2

Grade 7-8

STEM Quest is a hands-on exciting STEM (Science, Technology, Engineering, and Math) integrated course designed to involve students in strategies, critical-thinking skills, and problem-solving used to enhance their performance in academic and nonacademic endeavors. Designed to investigate new facets for innovation, students explore a variety of high-interest topics. Along with STEM exploration, students also acquire skills and strategies for developing leadership, effective communication, and teamwork. Subject material is different for each rotation year. Students will also participate in the Fundamentals Invention Convention which is an exciting, creative project where students will have the opportunity to share their original invention. **Students may take this class in both 7th and 8th grades with no prerequisite.** Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course serves as an elective academic middle school course. This course meets once a week.

Prerequisite: none



MIDDLE SCHOOL ARTS ELECTIVES (Wednesdays)

2-Dimensional (2D) Studio Art 1

2D Studio Art 1 (0101300)
Performing Fine Art

1 Year / 1 Credit

Grades 7-8
Grades 9-12

2D Studio Art 1 is a year-long, entry-level class for budding artists looking to promote their enjoyment and appreciation of art. Students experiment with different media and techniques used to create 2D artwork (drawing, painting, printmaking, collage, and more). This course incorporates hands-on activities and consumption of art materials. All students work on individual projects each semester. Credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course serves as an elective middle school arts course and meets once a week.

Prerequisite: none

Actor's Lab 1, 2

M/J Acting 1/ 2 (0400040)

Grades 7-8

Actor's Lab 1, 2 is designed to build skills for beginner and experienced aspiring actors. The content expands imaginations, builds self-confidence (individually and as a group), develops respect to the processes of teamwork, and strengthens the voice and body. The class contains instruction in acting and characterization, movement and vocal production, pantomime and improvisation, theatre terminology, dramatic literature, artistic discipline, audience etiquette, and roles and careers in theatre arts. A combination of theatre exercises and basic script work are used. Material covered is different for each of the two years, and it does not need to be taken in sequence. Students may take this class in both 7th and 8th grades. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course serves as an elective arts middle school course. This course meets once a week.

Prerequisite: none

Circle Studio Players

Theatre 1, 2 (0400310, 0400320)
Performing Fine Art

1 Year / 1 Credit

Grades 7-8
Grades 9-12

Circle Studio Players is a two-semester production class for students to gain solid acting techniques through development and participation in at least one show per year. Circle Studio Players is open to all CCS students in 7th through 12th grade. Extra rehearsals, outside of class time, are required. Class credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) is required.

Co-Requisite: *Actors Lab, Acting 1, 2, 3, or 4*

Songwriting Essentials/Music Techniques I

Music Techniques I (1305500)
Lyrics

1 Year / 1 Credit

Grades 7-8
Grades 9-12

Songwriting Essentials/Music Techniques I focuses on the development of musical and technical skills required for lyrical composition. This course is intended to teach lyrical structure and style, and add simple matching melodies to the words created by the students. Through problem-solving, critical thinking, and reflection, students develop cognitive skills



by seeking to create meaningful works and becoming more disciplined performers. It is not a musical composition course. Students do not need to know music theory or how to compose or write sheet music. No instrument, or experience with an instrument, is required for this course; however, students that play may easily incorporate those aspects to enhance their learning. Class credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course serves as an elective middle school arts course. This course meets once a week.

Prerequisite: none



Fundamentals (Middle School) Student Placement Guide

How do I know if my student is ready for a middle school academic program like Fundamentals?

Fundamentals coursework demands serious academic attention and study skills. It is designed for students who are at or above grade level and who may be considering high school college-preparatory courses. As in any solid academic arena, a student must commit to doing the at-home assignments, including individual or group projects, actively participating in class, and seeking help at the first point of necessity. Consideration must be given to the amount time and concentration level required on the part of the student and the parent for successful student outcomes in the Fundamentals program, which are built upon good foundations in grammar, writing, math, science, and history.

How do I know if my student is ready for Pre-Algebra (7th) or Algebra 1 Honors (8th)?

In order to provide the highest level for student success, a placement test needs to be administered to ensure correct evaluation and provide time for any needed remediation. Foundational skills for Pre-Algebra (7th) and Algebra 1 (8th) are assessed at registration. (This is a placement test, not an end-of-course exam. Since this is an assessment of acquired knowledge, your student should not need to prepare for this test.)

Students who score at or above 80% on the placement test are prepared for the class and enrollment will be confirmed. Students with scores below 80% on the placement test need to complete remediation over the summer and retake the placement test by July 1, 2018, to have enrollment confirmed. Circle offers [Summer Math Success for Class Placement](#) to assist student development for Pre-Algebra and Algebra I Honors success. This is a skill-focused, 6-week, on-site class taught by Circle math teachers and is designed specifically to remediate critical skills. To remain in the class, students must demonstrate a score of at or above 80% on the required placement test by July 1, 2018.

Are the middle school courses designed to prepare my student for high school?

The coursework in Fundamentals is expected to prepare your student for the workload they experience as they enter the high-school classroom. Critical thinking, writing, and analytical skills are emphasized as well as study skills, note-taking, and organization. Fundamentals' courses follow a model similar to Circle's high school classes.

What is the parent's role for a student enrolled in Circle courses?

Because of the unique nature of courses at Circle, the parent's role is vital for student success. Parents, student, and teachers form a cord of three strands in order to achieve the highest level of academic and personal training possible. Parents are expected to daily engage with their student's coursework, assist with assignments as needed, and monitor their academic progress weekly on the eLearning Campus . Parents should model a positive attitude toward the classroom teacher, coursework, education, and commit to quickly resolve any issues that may arise.

What is the teacher's role in Circle courses?

At Circle, teachers seek to transform lives to the glory of God; they do not just communicate information to students. Teachers come into the classroom prepared to challenge students beyond the basic level of an academic discipline. Teachers work to build relationships with students that encourage and inspire each student to attain their highest personal achievement in the academic arena and beyond. Teachers design lessons that maximize learning in the unique environment that Circle provides. Using a variety of instructional methods, teachers engage students in the curricula as well as provide feedback and accountability through grading and assessment. Teachers are encouraged to partner with parents in order to provide the best education possible for each student.



CIRCLE CHRISTIAN HIGH SCHOOL

All courses listed in this Upper School Course Guide are subject to change, whether by addition, deletion, or modification, at the sole discretion of Circle Christian School. Circle Christian School does not guarantee or warrant that all courses that are listed in this Course Guide will be available or offered during any academic school year. Prerequisites may apply as well as minimum and maximum enrollment for all courses.

HS STEM HONORS DIPLOMA DESIGNATION:

A STEM Honors Diploma is earned by the student who, during 9th -12th grades, chooses 4 or more STEM electives and meets the CCS Honors Diploma requirements. STEM electives are defined as courses above and beyond the core requirements. Students must also apply and be accepted into the program by the end of their Junior year. Qualifying STEM electives offered by Circle are indicated with the (ST) abbreviation following the course. Other STEM courses are subject to guidance approval.

Recommended Typical Course of Study-High School

This guide is developed to assist you in the decision-making process. Your student's individual desires and strengths should be considered as your primary guide. Remember electives are also an important part of your student's transcript, enrichment, and delight. Please contact the guidance office with specific questions.

Course designations: Honors (H), Dual Enrollment (DE), Circle School of the Arts (CSA), STEM Honors Diploma (ST). Courses are subject to change.

	9th Grade (6 Credits)	10th Grade (6-7 Credits)	11th Grade (6-7 Credits)	12th Grade (6 Credits)
English	(H) English 1 (H) American Humanities 9	(H) English 2	(H) English 3 (DE) English Comp 1	(H) English 4 (DE) English Comp 2
Mathematics	(H) Geometry	(H) Algebra 2	(H) Math Analysis & Analysis of Functions (DE) College Algebra (ST)	(H) Math Analysis & Analysis of Functions (DE) College Algebra (ST) (DE) Precalculus & Calculus 1 (ST)
Science	(H) Biology 1	(H) Chemistry 1	(H) Chemistry 2 (ST) (DE) Essentials of Human Anatomy and Physiology (ST) (H) Marine Science 1 (ST) (H) Physics 1 (ST)	(H) Chemistry 2 (ST) (DE) Essentials of Human Anatomy and Physiology (ST) (H) Marine Science 1 (ST) (H) Physics 1 (ST)



	9th Grade	10th Grade	11th Grade	12th Grade
History	(H) American History (H) American Humanities 9	(H) World History	(H) American Gov't & Economics	(H) American Gov't & Economics
Bible	(H) American Humanities 9 Leadership: Strengths	Leadership: Strengths	World Religions and Philosophy Leadership: Strengths	World Religions and Philosophy Leadership: Strengths
Electives	3D Studio Art 1 Culinary Arts 1 Speech 1 & Debate 1	3D Studio Art 1 Culinary Arts 1 Culinary Arts 2 Computer Programming (ST) French 1 Psychology 1 & 2 Spanish 1 Speech 1 & Debate 1 (DE) Web Design (DE) AS120: Aeronautical Science (ST) (DE) AS220: Unmanned Aircraft Systems (ST)	3D Studio Art 1 Culinary Arts 1 Culinary Arts 2 Computer Programming (ST) French 1 / French 2 Psychology 1 & 2 Principles of Engineering (ST) Spanish 1 / Spanish 2 Speech 1 & Debate 1 (DE) Web Design (DE) Psychology (DE) AS120: Aeronautical Science (ST) (DE) AS220: Unmanned Aircraft Systems (ST)	3D Studio Art 1 Culinary Arts 1 Culinary Arts 2 Computer Programming (ST) French 2 / French 3 Speech 1 & Debate 1 Psychology 1 & 2 Principles of Engineering (ST) Spanish 2 (DE) Web Design (DE) Psychology (DE) AS120: Aeronautical Science (ST) (DE) AS220: Unmanned Aircraft Systems (ST)
Electives (Arts)	2-D Studio Art 1 Acting 1, 2 Circle Studio Players* Dance Repertory 1-4 Intro to Drama Songwriting Essentials	2-D Studio Art 1 Acting 1, 2 Circle Studio Players* Dance Repertory 1-4 Intro to Drama Songwriting Essentials	2-D Studio Art 1 Acting 1, 2 Acting 3, (H) 4 Circle Studio Players* Dance Repertory 1-4 Intro to Drama Songwriting Essentials	2-D Studio Art 1 Acting 1, 2 Acting 3, (H) 4 Circle Studio Players* Dance Repertory 1-4 Intro to Drama Songwriting Essentials
CSA Requirements	Acting 1, 2 Dance Repertory 1*** Circle Theatre Company**	Acting 1, 2 Acting 3, 4 Dance Repertory 1*** Circle Theatre Company**	Acting 1, 2 Acting 3, 4 Dance Repertory 1*** Circle Theatre Company **	Acting 1, 2 Acting 3, (H) 4 Dance Repertory 1*** Circle Theatre Company **

*Co-requisite course required

**Interview and proficiency assessment required

***Must be taken within the student's 1st or 2nd year of enrollment in CSA



HIGH SCHOOL HUMANITIES | INTEGRATED STUDIES

(This course meets twice per week.)

The Humanities Department at Circle Christian School approaches all disciplines with Paul's advice to the Thessalonians: "But examine everything carefully; hold fast to that which is good" (I Thessalonians 5:21). Students are encouraged to think critically, question regularly, and explore creatively, while applying the Truth of Scripture to all people, places, and times. Developing a discerning Biblical worldview that transcends cultural messages takes time and immersion in the big ideas that permeate our lives. The Humanities program allows students two, three-hour blocks per week to wrestle with ideas, apply new knowledge, and build a strong foundation that will prepare them academically and spiritually for college and life.

Humanities 9 (3 credits)

English Honors 1 (1001320)	1 Year / 1 Credit	Grade 9
United States History Honors (2100320)	1 Year / 1 Credit	
Critical Thinking & Study Skills (1700370)	.5 Year / .5 Credit	
Humanities Survey (0900300)	.5 Year / .5 Credit = 3 full credits	

American Humanities 9 offers motivated students an exciting, rigorous, creative, and unique opportunity to integrate English, United States History, and Bible/Worldview/Critical Thinking all into a three-hour block that meets twice per week. Students make critical interpretations of classic American literature as well as primary source historical readings, increasingly complex writing, intellectual analysis, and formulation of an applied worldview. Students practice skills and apply language conventions in numerous writing assignments, including independent and group projects. In order to create strong writers, students explore a variety of writing styles, structures, and methodologies. The interdisciplinary style to this course gives students the scope of United States history from unique perspectives, makes critical interpretations, and uses primary sources and map skills to comprehend the impact of ideas on people, places, and times. Students focus on evidence-based writing, using MLA structure, as well as expanding the art of written and spoken rhetoric. Vocabulary, study skills, speaking skills, organizational skills, and research skills, along with grammar and syntax review, are integrated into the course throughout the year. Students give several individual and group presentations. Academically motivated students moving from Fundamentals' American History to American Humanities 9 discover a complimentary bridge that strengthens, challenges, and expands critical understanding of America in preparation for comprehending and communicating with the world at large. A required summer reading list with summer writing assignment is available in May (both are American literature focused). Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets twice a week.

Prerequisites: Students should be strong readers.



HIGH SCHOOL ENGLISH / LANGUAGE ARTS DEPARTMENT

High School Graduation requirements: 4 credits (These courses meet once per week.)

English 1 Honors

English Honors 1 (1001320)

1 Year / 1 Credit

Grade 9

English 1 Honors challenges students in reading and responding, producing texts, applying language conventions, and developing study and organizational habits. Students make critical interpretations of classic American literature in addition to studying primary source texts. Students practice skills in numerous writing assignments, including independent and group projects. In order to create strong writers, students explore a variety of writing styles, structures, and methodologies. Students are expected to use MLA structure in formal writing. Vocabulary, study skills, speaking skills, organizational skills, and research skills, along with grammar and syntax review, are integrated into this course throughout the year. Students give several individual and group presentations. A required summer reading list with summer writing assignment is available in May (both are American literature focused). Weekly use of Circle's eLearning Campus (an online classroom element) is required. This course meets once a week.

Prerequisites: Students should be strong readers.

English 2 Honors

English Honors 2 (1001350)

1 Year / 1 Credit

Grade 10

English 2 Honors features a survey of great writers, concepts, and themes of British literature. An analytical approach to writing enhances critical thinking skills in addition to studying the primary source texts. Students learn to respond critically to the selections of literature as well as identify sources to validate views that are stated or implied. Students explore a variety of writing styles, structures, and methodologies in order to create strong writers. A brief review of grammar, punctuation usage, and syntax broadens the English 2 curriculum. At least one scholarly paper is written following MLA style. Students learn how to thoroughly study a play. Vocabulary, study skills, speaking skills, organizational skills, and research skills along with grammar and syntax review are integrated throughout the year. Students give several individual and group presentations. A required summer reading list with summer writing assignment is available in May (both are British literature focused). Weekly use of Circle's eLearning Campus (an online classroom element) is required. This course meets once a week.

Prerequisites: English 1. Students should be strong readers.

English 3 Honors

English Honors 3 (1001380)

1 Year / 1 Credit

Grade 11

English 3 Honors students solidify skills in several areas of reading and writing about world literature. This course prepares students for the challenges of dual enrollment, should they decide to pursue that path. Viewing, discussing, speaking, and, most importantly, interpreting the written word are key elements of study this year. After a brief overview of writing structure and literary techniques, students not only focus on speaking, interpreting, and writing but also concentrate on authors, themes, motifs, and historical references, within a wide range of world literature. Students are encouraged to respond critically to the selections using other sources to validate views that are stated or implied. Students explore a variety of writing styles, structures, and methodologies with the intent of creating strong writers. They demonstrate comprehension of world literature through media and literary presentations, speeches, weekly reading analysis, in multiple essay forms, as well as research of authors, historical perspectives, and works within the same time



period. Students are required to write at least one research paper using MLA structure. A required summer reading list with summer writing assignment is available in May (both are world literature focused). Weekly use of Circle's eLearning Campus (an online classroom element) is required. This course meets once a week.

Prerequisites: English 2. Students should be strong readers.

English 4 Honors

English Honors 4 (1001410)

1 Year / 1 Credit

Grade 12

English 4 Honors students solidify skills in several areas of reading and writing about world literature. This course prepares students for the critical reading and writing sections of the college entrance exams, and ultimately for college reading, discussion, and writing. The focus is on independent views by reading material, forming an opinion, and communicating that opinion in written and oral forms. Viewing, discussing, speaking, and, most importantly, interpreting the written word are key elements of study this year. After a brief overview of writing structure and literary techniques, students not only focus on how to use speaking, decoding, and writing with English but also analyze author's styles, themes, motifs, and historical references within a wide range of world literature to reach their reader. Students are encouraged to respond critically to the selections using other sources to validate views that are stated or implied. Students explore a variety of writing styles, structures and methodologies in order to stretch their writing skills. Students demonstrate comprehension of world literature through media presentations, literary presentations, speeches, weekly reading analysis in multiple essay forms, as well as research of authors, historical perspectives, and works during that same time period. Students are required to write at least one research paper using MLA structure. A required summer reading list with summer writing assignment will be available in May (both have world literature focus). Weekly use of Circle's eLearning Campus (an online classroom element) is required. This class meets once a week.

Prerequisites: English 3. Students should be strong readers.

Dual Enrollment (DE) English Composition 1

English Composition 1 - ENGL 1133

1 Year / 1 Credit
3 hours college credit

Grades 11-12

English Composition 1 (ENGL 1133) students respond to college level rhetorical situations during this course. They uncover what it means to enlighten and inform their reader. They gain insights through exposing concerns, values, and beliefs important to them. By bringing up issues, revealing concepts, facts, ideas, and realities they are educated in fluency and style by expanding their nonfiction writing to reach out and communicate to their reader. Special attention is given to using and utilizing syntax, grammar, punctuation, and spelling in combination with powerful context and logical organization. Students should come prepared with their former knowledge of English ready to study and apply college-level critical reading techniques taught specifically for writing nonfiction works. Students are coached on how to generate, revise, edit, and proofread their documents during their coursework. A required summer reading list with summer writing assignment will be available in May. Weekly use of Circle's eLearning Campus (an online classroom element) is required. This class meets once a week.

Prerequisites: SAT or PSAT Composite of 980 with a 480 in Evidence-based Reading & Writing. On the ACT, PreACT the requirement is a composite of 20 with an English score of 20 and approval from the Guidance Department. This course is limited to students in grades 11-12. Students who are taking or have taken AP Literature or Language, who earned or expect to earn at least a 3 on the College Board AP exam should register for Dual Enrollment English Composition 2.



Dual Enrollment English Composition 2

English Composition 2 - ENGL 1233

1 Year / 1 Credit
3 hours college credit

Grades 12

English Composition 2 (ENGL 1233) emphasizes proper citation, specific to research, and stresses the ability to demonstrate library research skills taught during the course. The coursework uses expository writing as a foundation to build on new skills by interjecting the element of argumentative prose. By using their prior knowledge of critical reading and effectively writing with nonfiction during English Composition 1, this course helps build skills for a variety of college-level writing students applicable to many other subjects. As the course progresses, students practice interacting with sources, forming written works through critical reading and analyzing the text. Research is integral part of this course, and students should be prepared to show fluency during each stage of their writing process, which includes syntax, grammar, punctuation, and spelling. Students demonstrate their knowledge during this course with the opportunity to combine and exercise those skills in a research paper. A required summer reading list with summer writing assignment will be available in May. Weekly use of Circle's eLearning Campus (an online classroom element) is required. This class meets once a week.

Prerequisites: SAT or PSAT Composite of 980 with a 480 in Evidence-based Reading & Writing. On the ACT, PreACT the requirement is a composite of 20 with an English score of 20 and a minimum grade of C in Comp 1 or AP English Language or Literature, and approval from the Guidance Department. *(Students who are taking or have taken AP Literature or Language, who earned or expect to earn at least a 3 on the College Board AP exam should register for Dual Enrollment English Composition 2.)*



HIGH SCHOOL MATHEMATICS DEPARTMENT

High School Graduation requirements: 4 credits. CCS students must take math every year of HS with Algebra 1 and higher. (Math courses meet twice per week.)

Algebra 1 Honors

Algebra 1 Honors (1200320)

1 Year / 1 Credit

Grades 8/9

Algebra 1 Honors is designed to provide a solid foundation for more advanced math courses and to develop problem-solving skills necessary for high school math and college entrance exams. Designed to build independent thinking, students advance from experimenting with Pre-Algebra concepts into applying those concepts by using major formulas and techniques used for solving complex problems. Students learn to apply probabilities of compound events, central tendency, and plotting and histograms. They connect radicals to geometry by using square root functions, simplifying radical expressions, and solving for radical equations. They also use quadratic equations, Pythagorean Theorem, analyze linear systems, and more to help discover appropriate situational solutions. Students are required to complete all assignments (class and at-home), take quizzes and tests, and semester exams. At minimum, a TI-30X IIS scientific calculator (costing \$10-\$15) is required (cell phone scientific calculators are not acceptable). Students may choose to invest in a TI-84 graphing calculator for future use, but it is not necessary for this course. (TI-86/89 and Casio graphing calculators are **not recommended**). This course serves as a core academic middle school course. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets twice a week.

**This course is typically taken in 8th grade and may be found on the [Fundamentals Middle School Recommended Course of Study](#) schedule. Ninth graders taking this course may encounter some scheduling conflicts with other desired 9th grade courses and may need to attend classes at both campuses to complete the schedule.*

Eighth graders taking the course for high school credit must pass the Algebra 1 end of course exam and earn at least a "B" in the course.

Prerequisite: Pre-Algebra or commensurate skills. Foundational skills required for success in this course are assessed at registration (\$20 fee for a hand-graded placement test) to ensure correct placement and a successful experience for students. Students without a qualifying score of 80% on the placement test must complete remediation over the summer, retake the placement test, and demonstrate the foundational skills necessary for success to remain enrolled in the class. The placement test is emailed to the parent following class registration. Students currently enrolled in CCS Pre-Algebra will take the placement test in class prior to registration.

Geometry Honors

Geometry Honors (1206320)

1 Year / 1 Credit

Grades 9-10

Geometry 1 Honors is designed to give an in-depth college-prep study of geometry with emphasis on methods of proof and the formal language of mathematics. Topics include but are not limited to the following: logic and reasoning, Euclidean geometry of lines, planes, angles, triangles, similarity, congruence, geometric inequalities, geometric constructions, structure of geometry, separation properties, quadrilaterals, proofs, perpendicularity and parallelism in a plane and in space, similar polygons, circles and spheres, constructions, area and volume, coordinate geometry, and transformational geometry. Formal proofs are developed throughout the course. Review of Algebra 1 concepts are included on a regular basis so that students continue to make connections with previous math subjects. Students are required to complete all course and homework assignments, quizzes, tests, and semester exams as well as solidify skills through instructional video assignments. Students may participate in math challenges and competitions. Required tools are a protractor, a compass, metric/standard measure straight-edge, and a TI-83 or TI-84 (preferred) calculator. (TI-86/89



and Casio graphing calculators are **not recommended**.) It is strongly recommended that students take Geometry before taking Algebra 2. Foundational skills required for success in this course are assessed prior to or during the first week of class and may affect placement. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets twice a week.

Prerequisites: Algebra 1

Algebra 2 Honors

Algebra 2 Honors (1200340)

1 Year / 1 Credit

Grades 10-11

Algebra 2 Honors provides a rigorous in-depth study of the topics of Algebra II with emphasis on proof, theory, development of formulas, and application. Topics include but are not limited to the following: algebraic structure, equations in more than one variable, systems and inequalities, functions and relations, polynomials and expressions, complex numbers, logarithms, conic sections, sequence and series, probability and matrices. This course includes all concepts necessary to meet college-prep Algebra II objectives. Students are required to complete all course and homework assignments, quizzes, tests, and semester exams as well as solidify skills through instructional video assignments. Students may participate in math challenges and competitions. A TI-83 or TI-84 (preferred) calculator is required. (TI-86/89 and Casio graphing calculators are **not recommended**.) Geometry is strongly recommended before taking Algebra 2. Foundational skills required for success in this course will be assessed prior to or during the first week of class and may affect placement. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets twice a week.

Prerequisites: Algebra 1 required. Geometry is strongly recommended prior to Algebra 2.

Mathematical Analysis Honors/Analysis of Functions Honors

Mathematical Analysis Honors (1201300)

1 Semester / .5 Credit

Grades 11-12

Analysis of Functions Honors (1201315)

1 Semester / .5 Credit

Mathematical Analysis Honors offers students an opportunity to review foundational high school math skills from Algebra I, Geometry, and Algebra II to enhance math skills needed for the SAT/ACT and to explore well beyond. This is a college preparatory course that recognizes the importance of challenges in the development of solid mathematical computational and problem-solving skills. Students investigate the behaviors of a diverse family of functions such as quadratic, polynomial, logarithmic, exponential, trigonometric, and circular functions. Students attain a deep and extensive application of Trigonometry, through proofs and problem solving. Additional topics include systems and matrices, sequences and series, and an introduction to limits and derivatives. Students are required to complete all course and homework assignments, quizzes, tests, and semester exams as well as solidify skills through instructional video assignments. Use of a graphing calculator (see below for details) is a requirement in this course for students to profile and model the behaviors of the functions being studied. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets twice a week.

Analysis of Functions Honors is designed to enable students to develop advanced mathematical knowledge and skills in Algebra, Trigonometry, and Statistics and Probability using functions as a unifying theme. Students understand the relationship between zeros and factors of polynomials and revise simple rational expressions in different formats. Key portions of this course include polynomial and rational functions, Trigonometry and circular functions, exponential and logarithmic functions, and probability measures and distribution. Students are required to complete all course and homework assignments, quizzes, tests, and semester exams as well as solidify skills through instructional video assignments.



A TI-83 or TI-84 (preferred) calculator is required. (TI-86/89 and Casio graphing calculators are **not recommended**.) Students may use these two .5 credit courses as preparation for the math portions of the SAT and ACT exams. This is a dual semester credit requirement. Courses may not be taken individually. Foundational skills required for success in this course are assessed prior to or during the first week of class and may affect placement. Students purchase textbooks for this class. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets twice a week.

Prerequisites: Algebra 1 and 2 and Geometry 1.

Dual Enrollment College Algebra

College Algebra - MATH 1213	1 year/ 1 credit College Credit: 3 hours	Grades 11-12
-----------------------------	---	--------------

Dual Enrollment College Algebra is a mathematically exciting college course taught on the CCS Campus. The difficulty level of the material increases throughout the semester.

COLLEGE ALGEBRA (MATH 1213) provides a systematic development of fundamental algebraic operations. Included in this development are systems of linear equations and inequalities, linear quadratic, exponential and logarithmic functions, absolute value equations, radical, conic sections, complex numbers and trigonometric functions. Students must demonstrate proficiency to remain in this course. This is a Gordon Rule course requiring a minimum grade of C if MATH 1213 is used to satisfy college general education requirements. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets twice a week.

Prerequisites: An "A" or a "B" in the following: Algebra 1, Geometry, Algebra 2, AND a qualifying Pre-ACT or ACT Composite of 20 with a minimum math score of 20 or SAT/PSAT Total Score of 980 with a minimum math score of 500, with Guidance approval. Students should plan to take the ACT/SAT in February, March, or April. Students earning a "C" in the prerequisite courses should take Mathematical Analysis/Analysis of Function prior to taking College Algebra.

Dual Enrollment Precalculus and Calculus 1

Precalculus MATH 1413 Calculus 1 MATH 2144	1 year/2 credit College Credit: 3 hours for Precalculus and 4 hours for Calculus 1 = 7 hours college credit	Grades 12
---	---	-----------

Precalculus and Calculus 1 are mathematically exciting and fast-paced college courses designed for advanced mathematical students. The difficulty level of the material increases significantly throughout the semester. Precalculus (MATH 1413) covers algebraic relations and functions, systems of equations, rational functions, polynomials, exponential functions and logarithms, trigonometric functions and their inverses, graphs, and identities. Students must demonstrate proficiency to remain in this course. Calculus I (MATH 2144) involves the college level study of limits and continuity, derivatives and applications. Courses may not be purchased individually. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets twice a week.

Prerequisites: An "A" or a "B" in College Algebra.



HIGH SCHOOL SCIENCE DEPARTMENT

*High School Graduation requirements: 3 credits, 2 with labs
(These courses meet once per week.)*

Biology 1 Honors

Biology 1 Honors (2000320)

1 Year / 1 Credit

Grades 9-10

Biology 1 Honors provides students with exciting, exploratory experiences in a rigorous college-prep environment focused on an in-depth study of biological concepts that apply to all living systems. Topics include but are not limited to the following: scientific method, measurement, lab safety and use of apparatus, cell biology and reproduction, basic principles of genetics, classification and taxonomy, microbiology, structure and functions of plants, animals, and humans, and ecological relationships. Emphasis is on skills developed to encourage students to think critically and to develop a well designed, experimentally completed science project. Hands-on laboratory experiences and dissection are a major component of this course. This course also provides a complete survey of the five kingdoms in Creation. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets once a week.

Prerequisites: none

Chemistry 1 Honors

Chemistry Honors (2003350)

1 Year / 1 Credit

Grades 10-11

Chemistry 1 Honors introduces students to an extensive hands-on study of matter, energy, periodicity, quantum mechanics, thermodynamics, nomenclature of chemistry, Lewis structures, and molecular geometry. Honors Chemistry 1 students are challenged by pace, mathematical analysis, and concept depth that prepare them for Chemistry 2 and college science courses. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This course meets once a week.

Prerequisite: Biology I, Algebra I (Geometry preferred but not required). **Co-requisite:** Algebra 2 or higher.

Chemistry 2 Honors

Chemistry 2 Honors (2003360)

1 Year / 1 Credit

Grades 11-12

Chemistry 2 Honors is a challenging extension of the Chemistry I Honors course. Covering the state standards for Honors Chemistry 2, this course focuses on the topics in the Apologia Chemistry I textbook that are not covered or lightly covered in the first year prerequisite Chemistry course as well as instructor provided extensions and supplements. Course topics include: acid/base chemistry, water chemistry, the gas laws, equilibrium, chemical kinetics, and electrochemistry. There is also an extensive introduction to organic chemistry and biochemistry. There is a laboratory component in addition to a writing component. This is an ideal course for juniors or seniors who meet the prerequisite, particularly those who would like to pursue a STEM related major in college. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: Algebra 2 and a final grade of an "A" in CCS Honors Chemistry I PLUS Teacher Approval.

***Non-CCS Honors Chemistry I credit may be accepted upon review. Please contact the Guidance Dept. for credit review.**



Dual Enrollment Essentials of Human Anatomy and Physiology

Essentials of Human Anatomy and Physiology (BIOL 1333)

1 Year / 1 Credit
3 college credits hours
1 college credit hour for lab

Grades 11-12

Essentials of Human Anatomy and Physiology (BIOL 1333) is a college-level class empowering students to develop an understanding of the relationships between the structures and functions of the human body in the context of God's incredible design. The content includes a study of cells and tissues, homeostasis, human genetics, growth and development, body composition, structure and function, internal and external changes and responses, connections between anatomy, physiology, medicine, technology, society, and the environment. It contains Latin medical vocabulary, frank illustrations, and detailed clinically appropriate descriptions of human anatomy. The course equips students to research non-pathogenic diseases and includes the required lab elements. This is an ideal course for juniors or seniors who want to pursue a STEM related or any health science major in college. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: An "A" or a "B" in both Biology 1 and Chemistry with a minimum 980 SAT or 20 ACT.

Marine Science 1 Honors

Marine Science Honors (2002510)

1 Year / 1 Credit

Grades 10-12

Marine Science 1 Honors offers a vibrant exploration of marine wildlife and their habitats with a focus on ecology, environmental stewardship, and sustainability from a Biblical perspective. The class is instructed with emphasis on hands-on activities, demonstrations, and possible field trip exploration. This course provides blended learning with engaging classroom activities and guided experience through our e-Learning Campus, including interactive virtual experiences designed to accentuate students experience and further students mental agility with Marine Science concepts. The class laboratory investigations (the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures) are an integral part of this course, and it even investigates live flora and fauna and the dissection of several marine organisms. This is an ideal course for juniors or seniors who would like to pursue marine biology or any field of life science. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: Biology 1

Physics 1 Honors

Physics 1 Honors (2003390)

1 Year / 1 Credit

Grades 11-12

Physics 1 Honors is designed to engage students in the exploration and discovery of order and beauty as displayed in physical science concepts by the Designer of the universe. Through engaging experimentation students see how all things work together. This course provides a detailed introduction to the methods and concepts of general physics taught in a way that makes Physics I accessible and achievable to all inquisitive and committed students. Topics include Newtonian physics, thermal physics and fluid dynamics, waves and optics, and a heavy emphasis on vector analysis. Laboratory investigations include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Labs are interactive experiences that provide students with opportunities to connect directly with natural phenomena. Asking questions (for science) and defining problems (for engineering), developing and using models, planning and carrying out investigations and analyzing and interpreting data are some of the skills emphasized in this course. This is an ideal course



for all juniors or seniors, particularly those who would like to pursue a STEM related major, such as engineering, in college. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: Biology I and Chemistry I, Algebra I. **Co-requisite:** Algebra 2 or higher.

HIGH SCHOOL HISTORY DEPARTMENT

High School Graduation requirements: 3 credits

American, World, and American Government/Economics.

(These courses meet once per week.)

American History Honors

United States History Honors (2100320)

1 Year / 1 Credit

Grades 9-12

American History Honors is a challenging course in which American History Honors students study the scope of American history from Pre-Columbian societies to today's Post-Cold War world. Emphasis are on identifying the key events and people from America's history and understanding their impact on our past, present, and future as a nation, people and culture. Primary and secondary source readings are required. Critical reviews of assigned readings should be expected. Map skills as applied to historical data are stressed. Critical reading and understanding, with the cause-effect nature of history rooted in time, are also highlighted. Students are required to share their discoveries as they journey along the timeline of America's history. This course is recommended prior to American Government and Economics. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: none

American Government and Economics with Financial Literacy Honors

United States Government Honors (2106320)
Economics w/ Financial Literacy Honors (2102345)

High School credit: 1
Semester / .5 Credit
1 Semester / .5 Credit

Grades 10-12

American Government Honors give students a Biblical understanding of our American government system with a focus on political behavior that is essential for effective citizenship and active involvement in a democratic American society. **Economics with Financial Literacy Honors** provides students with a critical foundation in historic and modern economics. Comparative systems are analyzed. A functional knowledge of small businesses and godly stewardship with personal finances (how to budget, manage a checkbook, and understand long-term investment opportunities) are included in this course with a hands-on approach to understanding the stock market. This is a dual semester credit requirement. Courses may not be purchased individually. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: US / American History.



World History Honors

World History Honors (2109320)

1 Year / 1 Credit

Grades 10-12

World History Honors students gain an understanding of Eastern and Western heritage in this survey course beginning with the birth of civilizations and moving along into the modern age. Themes for the course may include but are not limited to the following: emerging civilizations, the Classical Period, the Middle Ages, the Renaissance and the Reformation, as well as more modern topics including the Industrial Age, Imperialism, and the World Wars. Students study the development of world religions and their effect on civilizations and cultures, examine the development of political systems and philosophies, and explore the interactions between science, industry, and culture. Students learn about the beginnings of economic systems and viewpoints, the influence of significant historical figures, and how these events impact our present day. Students utilize primary and secondary sources; this instills a critical approach by researching facts students learn understanding and respect toward our diverse world. The skills learned through this course helps prepare students for college-level history and enables them to connect historical significance to current world events. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: none

HIGH SCHOOL ELECTIVES

High School Graduation requirements: 8 credits including required Performing Fine Arts elective. Circle requires each high school student to take .5 credit per year in Bible/Worldview. (These courses meet one time per week.)

3-Dimensional (3D) Studio Art 1

3D Studio Art 1 (0101330)
Performing Fine Art

1 year / 1 credit

Grades 7-8
Grades 9-12

3D Studio Art 1 is a fun exploration of our 3D environment. Students will analyze, evaluate, design, and create in 3D using items such as clay, wood, and nature. They will use additive and subtractive processes to construct 3D forms with an emphasis on understanding God's incredible creation. As a capstone students will digitally design and 3D print their chosen work. This is an art course, *not* a technology course in 3D printing. This course incorporates hands-on activities and consumption of art materials. A materials fee will apply. This course serves as an elective middle school or high school arts course and meets once a week following the middle school electives schedule (2:20-3:30pm). See schedule for details. Transcript credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) is required.

Prerequisites: none

Computer Programming with Python & Raspberry Pi Applications

Foundations of Programming (9007201)

1 year / 1 credit

Grades 9-12

Computer Programming with Python and Raspberry Pi Applications is an innovative course with hands-on applications. In the first semester, students learn the "grammar" of programming including syntax, lists, and procedural statements such as assignments, conditional statements, loops, and method calls. Additionally, students are introduced to the concepts of object-oriented programming including classes, sub-classes, properties, inheritance, and overriding as



well as searching and sorting algorithms. In the second semester, students use their knowledge to write and execute Python code to create fun and practical applications on the [Raspberry Pi \(an affordable, small single-board computer\)](#). School laptops, specifically prepared for this course, are issued. A small materials fee is required to purchase the [Raspberry Pi](#), which students keep at the end of the course. Students should have a strong interest in problem solving and critical thinking. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

This is a 1:1 technology class. During the first week of class or when the technology is issued to your student a user agreement will be required.

Prerequisites: Strong problem solving abilities. [Click here to find out if Computer Programming is right for you.](#)

Culinary Arts 1

Culinary Arts 1 (8800510)

1 year / 1 credit

Grades 9-12

Culinary Arts 1 is a foundational course in the universal language of food. It aspires to provide students with solid fundamentals and to develop and enhance students knowledge as it relates to the hospitality industry and cooking at home. Through a combination of engaging direct instruction and practical applications, this program equips students with a broad range of culinary theory and practical experience with an emphasis of hands-on training. Students understand the flow of food through service operations including purchasing and receiving, storage, preparation, and customer service. Students develop knife skills, while preparing and exploring classical and modernist cuisine. The main focus is creating nutritious foods that are enjoyable for all. This course encompasses nutrition, sanitation, food-borne illnesses, menu planning, food aesthetics, allergy-friendly foods, techniques of cooking and, of course, tasting! It is delicious! Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: none

Culinary Arts 2

Culinary Arts 2 (8800520)

1 year / 1 credit

Grades 9-12

Culinary Arts 2 is an exciting hands-on class builds upon knowledge gained from Culinary 1. This class focuses on cooking trends that can be seen in homes and restaurants around the world such as farm to table cuisine, (locally sourced produce), artful plating, chemical-free cooking, extreme cakes, neurogastronomy, vegan cooking, paleo meals, gluten free menus, and healthy meals for kids. Time will be spent on recipe testing, ingredient experimentation, and taking flavorful risks in the kitchen. Each student creates his or her own cookbook by the end of the year. This is a very creative class rooted in the fundamentals of cooking. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: Culinary Arts 1



Dual Enrollment AS 120: Principles of Aeronautical Science

Principles of Aeronautical Science
ERAU Course AS120 (DE)

1 Year / .5 Credit
3 hours college credit with Embry-Riddle
Aeronautical University

Grades 10-12

Principles of Aeronautical Science (AS120) is a college-level class through Embry-Riddle Aeronautical University taught on the CCS Campus. As an introductory course in Aeronautical Science, it is designed to provide the student with a broad-based aviation orientation in flight-related areas appropriate to all non-Aeronautical Science degree programs. Subjects include historical developments in aviation and the airline industry, theory of flight, airport operations, aircraft systems and performance, elements of air navigation, basic meteorology theory, air traffic principles, flight physiology, and aviation regulations and safety. This class is a prerequisite for Unmanned Aircraft Systems (Drones): AS220. Students meet once per week, typically on Mondays from 3:45-5pm. Weekly use of Embry-Riddle's online classroom component is required. This class requires a minimum number of students to be offered. This class meets once a week.

Prerequisites: "A" or "B" in both their previous math and science classes and approval from Guidance Dept.

Dual Enrollment AS 220: Unmanned Aircraft Systems

Unmanned Aircraft Systems
ERAU Course AS220 (DE)

1 Year / .5 Credit
3 hours college credit with Embry-Riddle
Aeronautical University

Grades 10-12

Unmanned Aircraft Systems (AS220) is a college-level class through Embry-Riddle Aeronautical University taught on the CCS Campus. The course is a survey of unmanned aerial vehicles (commonly called drones) and systems, emphasizing the military and commercial history, growth, and applications of UAVs. The course includes basic acquisition, use, and operation of UAVs with an emphasis on operations. This is a second year dual enrollment course through Embry-Riddle Aeronautical University. Weekly use of Embry-Riddle's online classroom component is required. This class meets once per week, typically on Mondays from 5:15pm-6:30pm. This class requires a minimum number of students to be offered. This class meets once a week.

Prerequisite: An "A" or a "B" in Principles of Aeronautical Science: AS120.

Dual Enrollment Introduction to Psychology

DE Introduction to Psychology
(Psych 1133)

1 year / .5 credit
College Credit: 3 hours

Grades 11-12

Introduction to Psychology (PSYCH 1133) provides a college-level overview of Psychology taught from a Christian Worldview. The course is designed to prepare students to wrestle with the long-debated question: *Which affects people's behavior more nature or nurture?* The coursework also covers major topics of neuroscience and behavior, learning, memory, intelligence, personality, and sensations and perceptions. Human growth and development are covered from a lifetime/life-span approach. The course work also highlights general classification to psychological disorders, and social behaviors (as they pertain to the impact of an individual's emotions and thoughts to the outcome of their behavior). This course is strongly suited for students interested in understanding not only their behavior but also the behavior of individuals in their environment. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: Pre-ACT or ACT composite of 20 or SAT/PSAT composite of 980, with Guidance approval is needed. Psychology 1, 2 is highly recommended but not required.



Dual Enrollment Introduction to Web Design and Development

DE Introduction to Web Design and Development

1 year / .5 credit
College Credit: 3 hours

Grades 10-12

Introduction to Web Design & Development allows students an opportunity to investigate the world of web process & design in order to learn foundational principles and best practices at an introductory college level. Coursework includes description and components of web coding with an understanding of the language and vocabulary. Students are exposed to cutting-edge software to create responsive web pages, discover preferred layouts, and experiment with textual links, lists, and tables in HTML. Students are educated in elements of digital media that bring an individualized and artistic aspect into web design that reflect the Master Creator. This course is structured around observing, evaluating, and creating intellectual property, learning proper search and citation, along with leadership training to develop the student into a respectable digital citizen of the web. **Students must have reliable internet access.** Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: Pre-ACT or ACT composite of 20 or SAT/PSAT composite of 980, with Guidance approval. [Click here to find out if DE Web Design is right for you.](#)

World Religions and Philosophy (Bible/Worldview)

World Religions (2105310)
Philosophy (2105340)

.5 Year / .5 Credit
.5 Year / .5 Credit

Grades 11-12

World Religions and Philosophy challenges students to understand the different religious beliefs around the world and the way people in different cultures attempt to satisfy their spiritual needs without Christ. Students understand the place of religion in culture, the importance that has been attached to people's lives and the relationship between religion and other social institutions. Students compare the major works, teachings, and figures of Buddhism, Confucianism, Hinduism, Islamism, Judaism, Shintoism, and Taoism to Christianity. Students examine fundamental philosophical questions pertinent to all areas of human activity and inquiries such as the meaning of life. Some other thought-provoking dialogue that supports this course is exploration of world religious and scientific thought, the role of philosophy as being speculative and critical, and highlighting particular emphasis on identifying, defining, and understanding Truth. This is a dual semester credit requirement. Courses may not be taken individually. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: none

Executive Internship 1

Executive Internship 1 (0500300)

.5 Year / .5 Credit
1 Year / 1 Credit

Grades 12

Executive Internship 1 provides a practical introduction to the work environment through direct contact with professionals in the community. Students develop opportunities for career exploration through interaction with various career professional mentorships. Students are required to dress and present themselves professionally and have transportation to their career related locations. Students must meet individually with Mrs. McIntyre prior to beginning any internship to review the requirements for the student and mentor. Additionally, students must purchase online from apologia.com and complete the book *Interning for High School Credit*. Finally, at the completion of each semester, students must turn in an essay or DVD to Mrs. McIntyre examining their experience.

Prerequisites: Approval from Guidance Department. Open to students in 12th grade ONLY.



French 1 L.I.V.E. (Live, Interactive, Virtual Education)

French 1 (0701320)

1 Year / 1 Credit

Grades 10-12

French 1 introduces students to the French language, the official language in twenty-nine countries, and whose influence has shaped the English we speak everyday. The students develop communicative skills in all three modes of communication and cross-cultural understanding. Strongly and creatively utilizing both the eLC (electronic learning campus) and in-class instruction, students develop proficiency in practical conversation and comprehension of stories and narratives, while building their French vocabulary. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities around the world. Due to college requirements of foreign language, credits are most beneficial to students when taken closer to graduation, unless a student plans on four years of high-school, foreign-language study. It is a remote CCS L.I.V.E class which requires 60 minutes of live, virtual classroom attendance weekly in addition to assigned coursework. It is **not** a static self paced online course. This course will also include several cultural experiences throughout the year allowing students to meet face-to-face, practice their French in real environments, and learn more about the French culture and history in Central Florida. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: Computer with webcam.

French 2 L.I.V.E. (Live, Interactive, Virtual Education)

French 2 (0701330)

1 Year / 1 Credit

Grades 10-12

French 2 delves deeper into the French language, the official language in twenty-nine countries, and whose influence has shaped the English we speak everyday. Students continue to improve and develop communicative skills in all three modes of communication and cross-cultural understanding. Strongly and creatively utilizing both the eLC and in-class instruction, students increase proficiency in practical conversation and comprehension of stories and narratives, while building their French vocabulary. Reading and writing are also creatively developed and enhanced as well as a greater understanding of culture, connections, comparisons, and communities around the world. Due to college requirements for foreign language, credits are most beneficial to students when taken closer to graduation, unless a student plans for four years of high-school, foreign-language study. It is a remote CCS L.I.V.E class which requires 60 minutes of live, virtual classroom attendance weekly in addition to assigned coursework. It is **not** a static, self-paced, online course. This course will also include several cultural experiences throughout the year allowing students to meet face-to-face, practice their French in real environments, and learn more about the French culture and history in Central Florida. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: French 1, computer with webcam

French 3 Honors L.I.V.E. (Live, Interactive, Virtual Education)

French 3 Honors (0701340)

1 Year / 1 Credit

Grade 12

French 3 takes the skills that students have learned thus far and sharpens their skills through practical conversations, presentations on life in France, and reading a variety of works, including articles on current events and French history. Now that students are familiar with the basics, the focus of the class can shift to mastering the nuances of the language and culture. Due to college requirements for foreign language, credits are most beneficial to students when taken closer to graduation, unless a student plans on four years of high-school, foreign-language study. This class does not meet on campus. It is a remote CCS L.I.V.E class which requires 60 minutes of live, virtual classroom attendance weekly in



addition to assigned coursework. It is **not** a static, self-paced, online course. This course will also include several cultural experiences throughout the year allowing students to meet face-to-face, practice their French in real environments, and learn more about the French culture and history in Central Florida. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: French 1 and French 2, computer with webcam

Leadership: Understanding A Strengths Perspectives

Leadership Techniques (2400310)

1 Year / 1 Credit

Grades 9-12

Leadership: Understanding A Strengths Perspectives is designed to allow students to understand the unique strengths God has given to them and to others. Like diamonds in the rough, most students need help to recognize and polish their God-given talents. The purpose of a strengths-perspective, focused course is to identify the divine design of each student using valid assessment tools in order to customize strategies for relationships, academic success, and career-planning competencies. Students participate in a variety of hands-on, individual, and group activities to identify the particular way they naturally think, feel, and behave. By practical, productive application, students are better equipped to make informed college and career choices and to develop the skills needed to successfully pursue them. The content includes but is not limited to: goal-setting and decision-making processes, self-reflection and self-assessment, occupational fields and educational requirements, listening, writing, and speaking skills for applications and interviews. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

*Our experience has proven that the more parents are involved in the discovery process provided by this course, the greater the students benefit. In fact, parental insight and contributions build strong families during this potentially polarizing phase of a student's youthful journey. Therefore, **one Leadership class parent meeting is required** prior to the official first day of class; date/time will be emailed to registered families. This time will be used to unpack the Biblical support of the assessment, interpret the results, and identify the practical application.*

Prerequisites: none

Principles of Engineering

Principles of Engineering (8600520)

1 Year / 1 Credit

Grades 10-12

Principles of Engineering is an exciting, hands-on course that explores the field of engineering and engineering technology. It prepares students for college-level, introductory, engineering programs by developing a more in-depth mastery of the required knowledge and skills in mathematics, science, and technology. Through problem-based, learning strategies, students study key engineering topics, including mechanisms, energy sources, energy applications, machine control, fluid power, statics, material properties, material testing, and kinematics. As students explore various technology systems and manufacturing processes, they engage with how engineers and technicians use math, science, and technology in an engineering design process to benefit people. Students need to be strong in math and enjoy critical thinking. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisite: Algebra 2, [Click here to find out if Principles of Engineering is right for you](#)



Psychology 1 and 2

Psychology 1 (2107300)
Psychology 2 (2107310)

.5 Year / .5 Credit
.5 Year / .5 Credit

Grades 10-12

Psychology 1 and 2 is a dual-semester, college-preparatory course. The course is designed to prepare students to better understand human behavior in themselves and others. Psychology is consistently one of the most popular majors in colleges, yet it is a difficult course to find taught from a Christian worldview. By understanding a strong, defensible Christian perspective, students are prepared for college courses that directly challenges their faith. Students study the unique facets of the human mind and soul, while recognizing God's creation and God's supremacy. As students acquire an understanding of and appreciation for human behavior, interaction, and development, they are dared to seek ways they can better understand and help themselves as well as others. Students compare and contrast the five main psychological schools of thought (biological, behavioral, cognitive, psychoanalytic and humanistic) and their major proponents with a distinct Christian worldview. Students apply and conduct research, as well as use and develop critical-thinking and decision-making skills. This course is not recommended for freshmen. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: none

Spanish 1

Spanish 1 (0708340)

1 Year / 1 Credit

Grades 10-12

Spanish 1 introduces students to the Spanish language and its culture, which strongly influences our state, nation, and world. Students continue to improve and develop communicative skills in all three modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. Strongly and creatively utilizing both the eLC and in-class instruction, students will develop proficiency in practical conversation and comprehension of stories and narratives, while building their Spanish vocabulary. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities. Due to college requirements for foreign language, credits are most beneficial to students when taken closer to graduation, unless a student plans on four years of high-school, foreign-language study. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: none

Spanish 2

Spanish 2 (0708350)

1 Year / 1 Credit

Grades 10-12

Spanish 2 immerses students deeper into the Spanish language and its culture, which strongly influences our state, nation, and world. Students continue to improve communicative skills in all three modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. Strongly and creatively utilizing both the eLC and in class instruction, students increase proficiency in practical conversation and comprehension of stories and narratives, while building their Spanish vocabulary. Reading and writing are also creatively developed and enhanced as well as a greater understanding of culture, connections, comparisons, and communities. Due to college requirements for foreign language, credits are most beneficial to students when taken closer to graduation unless a student plans on four years of high-school, foreign-language study. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: Spanish 1



Speech 1 and Debate 1

Speech 1 (1007300)
Debate 1 (1007330)

Performing Fine Art

.5 Year / .5 Performing Fine Arts Credit
.5 Year / .5 Performing Fine Arts Credit

Grades 9-12

Speech I develops fundamental skills in formal and informal oral communication with an emphasis on the techniques of public speaking. Students explore the research, organization, and writing necessary for public speaking, as well as examining real-world careers that involve public speaking (advertising, broadcast news, and interview skills).

Debate I students apply Speech 1 techniques to use in debate and forensic activities. Logic, critical thinking, research skills, argumentation, and proper debate skills are important components of this course. Students learn to analyze and debate through real-world applications. This is a dual semester credit requirement. Courses may not be taken individually. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisites: none

HIGH SCHOOL ARTS ELECTIVES (Wednesdays)

(These classes meet once per week.)

Circle Studio Players

Theatre 1, 2 (0400310, 0400320)
Performing Fine Art

1 Year / 1 Credit

Grades 7-8
Grades 9-12

Circle Studio Players is a two-semester production class for students to gain solid acting techniques through development and participation in at least one show per year. Circle Studio Players is open to all CCS students in 7th to 12th grade. Credit is applied for high school students only. Extra rehearsals outside of class time are required. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Co-Requisite: Acting 1, 2, 3, or 4

Songwriting Essentials/Music Techniques I

Music Techniques I (1305500)

1 Year / 1 Credit

Grades 7-8
Grades 9-12

Songwriting Essentials/Music Techniques I focuses on the development of musical and technical skills required for lyrical composition. Through problem-solving, critical thinking, and reflection students develop the cognitive skills needed to create meaningful works and become more disciplined performers. This course intends to teach lyrical structure and style, and add simple matching melodies to the words created by students. It is not a musical composition course. Students do not need to know music theory or how to compose or write sheet music. No instrument is required for this course. But if a student plays an instrument, it may be incorporated. Credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisite: none



2-Dimensional (2D) Studio Art 1

2D Studio Art 1 (0101300)
Performing Fine Art

1 Year / 1 Credit

Grades 9-12

2D Studio Art 1 is a year-long, entry level class that promotes the enjoyment and appreciation of art as students experiment with the media and techniques used to create two-dimensional artworks, including drawing, painting, printmaking, collage, and more. This course incorporates hands-on activities and consumption of art materials. All students work on an individual project each semester. Surrounded by various visual art, students may need to be available to work on outside group projects as determined by their instructor at the beginning of the school year. Credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) will be required. This class meets once a week.

Prerequisite: none

Acting 1, 2

Acting 1, 2 (0400370, 0400380)
Performing Fine Art

1 Year / 1 Credit

Grades 9-12

Acting 1, 2 enables first and second year students to develop fundamental acting skills and integrate them into individual and ensemble theatrical performances. Course material is different for each of the two years, and it is not required to be taken in sequence. Students are taught acting techniques and character analysis, movement and vocal production, pantomime and improvisation, theatre terminology, theatrical forms and influences, script analysis, technical elements, the role of the director, artistic discipline, audience etiquette, and auditioning and casting skills. This course includes tests on material covered during class time as well as homework assignments. Credit is applied for high school students only. Weekly use of Circle's eLearning campus (an online component) will be required. This class meets once a week.

Prerequisite: Incoming students, regardless of grade level, will be placed in Acting 1

Acting 3, 4

Acting 3, 4 Honors (0400390, 0400400)
Performing Fine Art

1 Year / 1 Credit

Grades 11-12

Acting 3, 4 is an upper-level, high-school course that enables students to develop advanced acting skills that integrates them into individual and ensemble theatrical performances. The content includes but is not limited to the following: acting techniques and character analysis, movement and vocal production, acting styles and approaches, pantomime and improvisation, theatre terminology, critique and evaluation, theatrical forms, historical and cultural influences, script analysis and selection, technical elements, role of the director, artistic discipline, audience etiquette, roles and careers, auditioning, casting, and preparing resumes. Students must be available, when necessary, to work on outside group projects (scenes) as determined by their instructor at the beginning of the school year. Subject material is different for each of the two years, and it is not necessary to be taken in sequence. Credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisite: Acting 1, Acting 2

Dance Repertory 1, 2, 3, 4



Dance Repertory 1-4 provides the dancers training, knowledge, and application in various dance styles. Students study the historical works of professional choreographers in one or more genres. Students learn to understand and apply each choreographer's movement design and artistic intent. By respecting the work as each choreographer's intellectual property, students gain skills for group and self-assessment, analysis, and problem solving. Public performances may serve as a culmination of specific instructional goals. Students are required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class need appropriate footwear and/or dance attire from an outside source. Credit is applied for high school students only. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisite: This course is required to be taken by CSA students within their first two years of enrollment.



Circle School of the Arts (CSA) is a specialized arts program within Circle Christian School that has the potential of leading to an Arts Honor Diploma. It is designed for young Christian artists who are serious about refining their craft. Through challenging coursework and guidance from a faculty of Christian artist educators, students develop their skills in all aspects of theatre. Admission to Circle School of the Arts is by application and audition.

CSA Theatre Track is a pre-professional program geared toward the serious high-school student who focuses on 4 years of training in theatre. Through a rigorous, supportive environment, students learn dedication, commitment, and a strong sense of responsibility. *Students can enter the CSA theatre track at any time during their high school years.*

Students who successfully complete the four-year track are eligible to receive an **ARTS HONOR DIPLOMA** distinguishing them and honoring their time in high school as being dedicated to a specific arts discipline. After successfully completing four years of intensive study in a discipline and receiving an **ARTS HONOR DIPLOMA**, students have a stronger advantage as they apply, audition, and compete for placement in universities and conservatories. Their skills acquired during this time at CSA sends them out with an established confident background to compete with other graduating seniors from public and private performing arts high schools.

Students entering during their sophomore, junior, or senior years, having successfully completed one to three years of intensive study in a discipline, will have courses noted on their transcripts giving the student a stronger advantage as they apply, audition, and compete for placement in universities and conservatories with other seniors graduating from public and private performing arts high schools.

Juries are where students perform their prepared pieces for the faculty. While juries are an important part of our Arts program, students are evaluated all semester on professional behavior both in classes and in completion of assignments. At the conclusion of juries, students will have the opportunity to schedule a time for their interview on their performance and/or project and set new goals to work on for their next jury. Students are expected to meet the specific goals provided to them by instructors during the interview following their jury. All students are required to jury each semester. The importance of the jury is to monitor each student's individual artistic growth and progress. **Juries are a required element of the program.**

Jury Requirements: Theatre

- **1st year:** 1 Monologue - 1 song
- **2nd year:** 2 Monologues - 1 comedic, 1 dramatic; 1 song
- **3rd year:** 2 Monologues - 1 classical (from any play written before 1900 including Shakespeare), 1 contemporary (from any American/British play written since 1900 that is close to your age/experiences); 1 song



- **4th year:** 2 Monologues to be chosen from the following: Classical (from any play written before 1900, not including Shakespeare); Shakespearean (from any play written by William Shakespeare); Contemporary (from any American/British play written since 1900 that is close to your age/experiences); Stretch (from any play, dramatic or comedic, that is not at all like you); 2 contrasting songs

2017-18 CSA Application, Auditions, and Deadlines

February 23, 2018	Auditions Deadline to submit completed applications: Friday, February 16, 2018	Metro Church	By Appointment
April 20, 2018	Auditions Deadline to submit completed applications: Friday, April 13, 2018	Metro Church	By Appointment
May 25, 2018	Final Auditions for 2017-18* Final deadline to submit completed applications: Friday, May 18, 2018 *If 1st year openings are still available	Metro Church	By Appointment

Download the [CSA Application here](#).

REQUIRED COURSES FOR ALL CSA THEATRE TRACK STUDENTS

(Classes meet once per week.)

Circle Theatre Company

Theatre 1, 2, 3 Honors, 4 Honors
(0400310, 0400320, 0400330, 0400340)

1 Year / 1 Credit

Grades 9-12

Circle Theatre Company is the production class for all CSA theatre students to demonstrate their acting skills through participation in shows. This class is only open to Circle School of the Arts students. All students work on an IP (Independent Project) of their choosing each semester. These individual monologues and songs are juried and may be selected for performance at Arts Night. Students are required to attend CSA Arts Night. Extra rehearsals, outside of class times, are required. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisite: *An audition and acceptance is required to participate in this program and students accepted into the program must abide by CSA guidelines and policies.*

Co-Requisite: *Acting 1, Acting 2, Acting 3, or Acting 4 Honors*

Acting 1, 2

Acting 1, 2 (0400370, 0400380)
Performing Fine Art

1 Year / 1 Credit

Grades 9-12

Acting 1, 2 empowers first and second year students to develop fundamental acting skills and integrate them into individual and ensemble theatrical performances. The course material covered is different for each of the two years, and it is not required to be taken in sequence. Students are taught acting techniques and character analysis; movement and vocal production; pantomime and improvisation; theatre terminology; theatrical forms and influences; script analysis; technical elements; role of the director; artistic discipline; audience etiquette; and auditioning and casting. This course includes tests on material covered during class time as well as homework assignments. Weekly use of Circle's eLearning campus (an online classroom component) is required. This class meets once a week.



Prerequisite: *Incoming students, regardless of grade level, will be placed in Acting 1*

Acting 3, 4

Acting 3, 4 Honors (0400390, 0400400)

1 Year / 1 Credit

Grades 11-12

Acting 3, 4 (H) is an upper-level, high-school course that develops students in advanced acting skills and integrates them into individual and ensemble theatrical performances. The content includes but is not limited to the following: acting techniques and character analysis, movement and vocal production, acting styles and approaches, pantomime and improvisation, theatre terminology, critique and evaluation, theatrical forms, historical and cultural influences, script analysis and selection, technical elements, role of the director, artistic discipline, audience etiquette, roles and careers, auditioning, casting, and resumes. Students must be available, when necessary, to work on outside group projects (scenes) as determined by their instructor at the beginning of the school year. The course material covered is different for each of the two years, and it does not need to be taken in sequence. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisite: *Acting 1, Acting 2*

Dance Repertory 1, 2, 3, 4

Dance Repertory 1-4 (0300400)
Performing Fine Art

1 Year / 1 Credit

Grades 9-12

Dance Repertory 1-4 provides the dancer instruction, knowledge, and application in various dance styles. Students study the historical works of professional choreographers in one or more genres. Students learn to understand and apply each choreographer's movement design and artistic intent respecting the work as each choreographer's intellectual property, and gaining skills for group and self-assessment, analysis, and problem solving. Public performances serve as a culmination of specific instructional goals. Students are required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class need appropriate footwear and/or dance attire from an outside source. Weekly use of Circle's eLearning Campus (an online classroom component) is required. This class meets once a week.

Prerequisite: *none. This course is required to be taken by CSA students within their first two years of enrollment.*

High School Placement Guide

How do I know if my student is ready for an honors-level course?

Honors courses demand serious academic attention and study skills. They are designed for students seeking college-preparatory-level work. This includes meeting state honors guidelines as a minimum. As in any solid academic arena, students must commit to doing the homework assignments (including individual or group projects), actively participating in class discussions, and seeking help at the first point of necessity. Consideration must be given to the time and concentration level required on the part of the student and the parent for student success in honors-level courses. Honors courses build upon good foundations in grammar, writing, math, science, and history knowledge. Please keep in mind these are not remediated classes. Generally, students should score above the 75th percentile in standardized testing in the subject being considered. Individual placement guidance is available through the Guidance Department.



Are these courses designed to prepare my student for college?

Yes, the coursework for the program is expected to prepare students for the workload they will experience as they enter the college classroom; however, unless indicated, they are not considered college-level courses. Critical thinking, writing, and analytical skills are emphasized. Dual enrollment courses are college-level courses and receive both a high school and a college credit awarded by the articulated college. College credits earned from Circle Christian School classes are transferable to most colleges and universities.

What amount of homework may my student expect from honors level courses?

Honors courses are designed for students seeking college-preparatory-level work. Students expecting to be prepared for college must be willing to put in the required amount of time and focus to do the coursework. For example, when courses meet one day a week, each course/credit, students may expect a minimum of 1-1.5 hours per day of additional work at home for the remaining 4 days of the week.

When courses meet two days a week, each course/credit, students may expect approximately 1-1.5 hours per day of additional work at home for the remaining 3 days of the week.

How do I know if my student is ready for college-level, dual enrollment courses at Circle?

Students entering college-level courses in high school should be serious about academic achievement and developmentally prepared for the responsibilities of college-level work. Guidance approval is needed for all dual enrollment courses. Dual enrollment course descriptions provide important criteria and prerequisites. Please read those portions carefully. Students who are taking or have taken AP Literature or Language, who earned or expect to earn at least a 3 on the College Board AP exam should register for Dual Enrollment English Composition 2.

What amount of homework can my student expect from college-level, dual enrollment courses?

For dual enrollment courses that award 3-4 credit hours, taught over the full academic year rather than in one semester, students may expect their work at home to be similar to honors level courses listed above.

For dual enrollment courses that award 3-4 credit hours taught in one semester, the pace is accelerated; students may expect their work at home to follow the common college rule of thumb of 2-3 hours per week **for each credit hour** of coursework outside of class time.

What is the parent's role for students enrolled in Circle courses?

Because of the unique nature of courses at Circle, the parent's role is vital for student success. Parents, students, and teachers form a cord of three strands in order to achieve the highest level of academic and personal training possible. Parents are expected to monitor their student's progress weekly and assist with assignments daily or as needed. Parents should be actively encouraging their students to work to their highest potential. Parents should model a positive attitude toward the classroom teacher, coursework, education, and commit to quickly resolve any issues that may arise.

What is the teacher's role in Circle courses?

At Circle, teachers seek to transform lives to the glory of God; they do not just communicate information to students. Teachers come into the classroom prepared to challenge students beyond the basic level of an academic discipline. Teachers work to build relationships with students that encourage and inspire each student to attain their highest personal achievement in the academic arena and beyond. Teachers design lessons that maximize learning in the unique environment that Circle provides. Using a variety of instructional methods, teachers engage students in the curricula as well as provide feedback and accountability through grading and assessment. Teachers are encouraged to partner with parents in order to provide the best education possible for each student.

Why is Circle offering mainly honors level courses?



Circle is committed to providing opportunities of academic excellence for our students. As colleges and job opportunities become increasingly competitive, Circle students must be fully prepared for academic success. Honors courses require more commitment but also provide an additional level of academic preparation for students planning on attending college.

What role does the eLearning campus (eLC) play with the program? Is computer access necessary?

Circle's eLearning Campus plays a significant role in our instructional model. It is essential for communication and connection between teachers, parents, and students. Teachers blend classroom learning with at-home learning by using their class pages to enhance the weekly lessons on the eLearning site. Students may encounter discussion forums, digital field trips, links to resources, images and documents, as well as personal teaching videos that add to the rich learning experience of our high school classes through the technology of the eLearning Campus. Computer and internet access is required to be successful in our learning environment.

NON-CREDIT OPPORTUNITIES AND CLASSES

The items listed in this section do not earn high school credits but are designed to give students valuable learning opportunities. Notification of additional non-credit opportunities are made through the CCS Weekly Update.

Summer Math Success for Class Placement

Highly recommended for low math placement scores in Pre-Algebra or Algebra 1 Honors

Non-Credit

Grades 7-9

Summer Math Success is designed to help students, who scored below level on the required Math Placement Test, correct math deficiencies so they can be successful in CCS Pre-Algebra and Algebra 1 Honors courses. Students receive instruction, help, and guidance to build essential skills, solidify weak areas, and learn important math structures. At-home coursework and practice are required for students to gain proficiency. Students are re-assessed during the course and at the end of the course in order to show learning gains and demonstrate the skills necessary to remain enrolled in the CCS Pre-Algebra or CCS Algebra 1 Honors course. This is a 4 week class that meets twice per week at the Calvary Campus in the month of June. See schedule for exact dates and times. Please check your vacation schedules. Attendance is important, so students entering this class should not miss more than 2 classes. However, a qualifying score on the placement test will be the final determining factor. This class is highly recommended, but not required, for students who score below level on the placement test; only a qualifying score is required for math placement. Students may choose their own method of remediation and request to take the placement test again at any time prior to the test deadline of July 1, 2018. Students enrolling in Pre-Algebra or Algebra 1 after June 1 with low placement test scores will need to provide their own remediation process. Students who are unable to attain a qualifying score on the required placement test by July 1, 2018, will be unenrolled from the class. Should this occur, parents will be notified by the CCS office.

Course schedule: June 5-June 28, 2018: Tuesdays & Thursdays 9:30 am-11:30 am, Winter Springs Campus.

Course fee: \$200.00 includes additional placement test.

Instructor: Nancy Carlson-Greenough

Competitive Academic Teams

Competitive Academic Teams are in many ways similar to athletic teams. Circle academic coaches provide the leadership and access to content required for students to grow, learn, and compete. Students and coaches meet after school hours or on weekends to learn, practice, and compete. These are not clubs. Commitment is required for team success. No academic credit is given for Competitive Academic Teams.



Cyber Patriots | Competitive Academic Team

Coach: Tom Lyon

Non-Credit

Grades 9-12

The Cyber Patriots Competitive Academic Team introduces students to the world of cyber security through a program developed by the Air Force Association. The team, led by veteran Cyber Patriots' Coach Tom Lyon, is comprised of 4-6 high-school students who have access to their own laptops. The team meets weekly for training sessions either in person at the Metro Campus or virtually via Skype /Google Hangout (most meetings are virtual). Students must also be available for all-day competitions on one Saturday in September, October, November, December, January, and February. If the team advances to Nationals, then students need to be available in March for practice rounds and be able to travel (all-expense paid by the Air Force Association) to Baltimore, Maryland in April 2019. All 2018-19 dates are TBD by the Air Force Association.

Laptop requirements: (subject to change)

- 64-bit Windows 7 or later
- 64-bit x86 Intel Core 2 Duo Processor or AMD Athlon 64 FX Dual Core or the equivalent
- 1.3 GHz or faster core speed with virtualization extensions recommended
- 4 GB of RAM minimum / 8 GB of RAM recommended
- 50 gigabytes of free space
- XGA (1024x768) or higher display / 1280x1024 recommended

Students must have permission to download and install tools on their laptops needed for the competition.

There is no transcript credit associated with a Competitive Academic Team; however, students may include their participation on their academic resume.

Entrepreneurship | Competitive Academic Team

Coach: Cindy Pilling

Non-Credit

Grades 9-12

Do you have great ideas for products or services but are not sure how to make them come to life? Do you also love competition? Then this is a great opportunity for you to develop your entrepreneurial skills and compete for \$100,000 in awards!

Students participating in the Entrepreneurship Competitive Academic team will meet on campus approximately four times (projected three meetings on campus in August/ September, and one at the end of the semester) and work at home throughout the fall semester to prepare their presentation for submission in *The Diamond Challenge* in January. Optional, local field trips may be offered. Online coaching is provided. Internet access is required.

"[The Diamond Challenge](#) for High School Entrepreneurs is a real world venture concept competition with an educational purpose. Participating students gain access to an online curriculum provided by the University of Delaware Horn Entrepreneurship. This curriculum focuses on putting ideas into action by building a business or social venture. The primary purpose is to expose high school students to entrepreneurship as a viable career path, while giving them valuable knowledge and skill outlets. The curriculum addresses key topics like opportunity recognition, creativity and ideation, and business modeling to guide students, while they work in small teams to prepare and submit a written concept. The curriculum also offers guidance to help students prepare and deliver a five-minute pitch and answer questions about their concept. Panels of entrepreneurs and business executives evaluate the written submissions, pitches and responses to questions in three rounds: a preliminary, semi-final, and final round."

There is no transcript credit associated with a Competitive Academic Team; however, students may include their participation on their academic resume.





MORE STUDENT & PARENT OPPORTUNITIES

Student Campus Assistant

Learning Opportunities

Non-Credit

Grades 7-12

Students must complete an application and be interviewed for the position of campus assistant. Students assisting the campus manager will need to arrive 30 minutes before classes begin. The campus manager gives specific instructions and duties that may change throughout the year. Students are expected to adjust to the instructions and duties given without complaint. In the event there is downtime, the student should plan to attend study hall. Student volunteers may receive volunteer service time for this position. A maximum of 45 hours of service time can be earned for the school year per class. Interested students should request an application well in advance of the school year as positions are limited for each campus. Please contact the Campus Manager for more information.

This is not a class. There is neither academic instruction nor academic credit associated with this opportunity.

Student Campus Clubs

Student-led, Parent-sponsored

Non-Credit

Grades 7-12

Students may develop and lead school-acknowledged clubs that meet on campus (if space is available) or off campus. Campus clubs are designed to be student-led and parent-sponsored. Students must complete an application and an approval process as well as create a club charter. A **parent sponsor** who is available to meet with students is required. A campus club may not exist without a sponsor. On-campus clubs may not meet during class periods. Clubs may meet 30 minutes before or after school, or during lunch.

This is not a class. There is neither academic instruction nor academic credit associated with this opportunity.

Student Campus Photographers

Learning Opportunities

Non-Credit

Grades 7-12

Students interested in creativity, initiative, and leadership may enjoy this non-credit opportunity. Students must complete an application, sign a confidentiality agreement, have their own cameras, and be familiar with basic photographic composition. Students must have access to the internet in order to upload photos to a shared site.

This is not a class. There is neither academic instruction nor academic credit associated with this opportunity.

Student Study Hall

Learning Opportunities

Non-Credit

Grades 7-12

Study Hall is offered to students who have classes on a particular campus and who have a period between the classes that they are registered to attend. Campus study halls are not available for registration unless a student has a period between classes. First period and last period Study Halls are only available to students who have a sibling registered in a first or last period class. Students are to be picked up after their last class. If students are on campus, they must be registered for a class or study hall.



Parent “Art of Clean Cooking” Class - Calvary Campus Only

Clean Cooking Class

Parents Only

Lower and Upper School Parents

Do you desire to learn more about the amazing healthy foods that God has created for us? Are you overwhelmed with all the options and opinions on “healthy diets” these days? In this parents-only class, we will explore interesting ingredients, create deliciously healthy meals, and stretch our creativity in the kitchen each week. We dive into current topics such as organic foods, meal prep, paleo cooking, gluten-free baking, cooking with whole foods, using superfoods, making mealtime fun, and much more! There is no need to be overwhelmed; we discover that a healthy lifestyle can be simple, fun, and yummy! This is a full year course and loads of fun! This class meets once a week. More information on [Art of Clean Cooking](#).

Parent Advisory Council, Upper School Campuses

Partnership Opportunity

Parents Only

Grades 7-12

The vision of the Parent Advisory Council is to empower Circle Christian School parents to create community and treasured memories for themselves and their children through their experience at Circle. By opening up important communication lines that bridges campuses and parents, this Council seeks parental advice on how to continue building and improving what Circle Christian School does academically, relationally, and systemically. Parent Advisory Council vision questions: What’s going well? What needs improvement? What are the biggest needs of upper school families and how can we help? Parent Advisory Council vision goals: To keep ideas and decisions as close to the student level as possible in order to have ground-level participation and excitement, and build genuine community.

Parent STEM Advisory Council (Parents of Lower and Upper School)

Partnership Opportunity

Parents Only

Grades K-12

The vision of the STEM Advisory Council is to provide increased STEM opportunities at Circle Christian School, while embracing the shared goals and principles listed below:

STEM Advisory Council Goals

- Innovative academic pathway
- Innovative funding or donation pathways
- Innovative engagement pathways (parents, students, industry)

STEM Advisory Council Principles

- God-honoring instruction
- Real-world issues and problems
- Engineering design process (edp)
- Hands-on inquiry and open-ended exploration
- Productive teamwork
- Rigorous math and science content
- Encourage multiple answer/theories & reframe failure as necessary to learning

For more information contact the staff STEM Advisory Council staff liaison, Bryna Cannon.

