

Credo Academy Fall 2020 Catalog

Level	Class	Class Description	Instructor	Cost
		Language Arts		
9th-12th	Short Story and Novel Writing***	<p>This class combines the best of short story and novel genres. Topics covered will include character development, plotting, the "three act formula", description and action, and the nuts and bolts of how to get published. Students will have some outside reading and writing homework (1 to 2 hours per week), including book proposals and query letters to editors. In-class critiques will hone their skills. Students will be asked to make copies of some assignments so that all class members can read along in critique groups. Class is available to all high school students, and to lower ages with instructor review and approval. Novel writing benefits from the instructor's three decades of experience in the book-publishing field.</p> <p>Prerequisite: at least one year of high school english writing or equivalent (can be taken concurrently). Others on case by case decision with writing samples. Supplies needed: students will buy one novel (to be specified in class) to read second semester, printed copies of all student writing for other students to critique.</p>	Michael Carroll	\$220/yr Tuition \$60/yr Materials Fee
10th - 12th	High School Composition : Foundations of Expository Writing*** *CANCELLED*	<p>An expository essay is a structured academic paper which exposes or investigates a topic/idea using well-reasoned details and critical analysis. This course teaches the structure, the process, and the critique of expository writing. There are two main learning objectives: (1) to sharpen critical thinking and pre-writing skills which enhance the content of essays, and (2) to study in depth the organizational structure, writing devices, and writing process associated with strong exposition. Ultimately, students will gain the foundational skills to construct well-developed expository essays (with an introduction, body, and conclusion), and they will be primed to study more advanced types of composition (such as research-based writing, literary analysis writing, or college-level composition). This course includes three units of study: Basic Exposition, Comparative Exposition, Persuasive Exposition. Eligible students need to have completed a comprehensive study in writing at the ninth grade level or above. Students enrolled in this course will: study the structure and key components of expository paragraphs; deconstruct and critically discuss sample expository works; engage in exercises designed to isolate and improve writing skills; study and practice each stage of the writing process (pre-writing, drafting, revising, editing/presentation); evaluate work using a comprehensive scoring rubric. In the end, students will be prepared to respond to writing prompts confidently by using a systematic approach to essay composition. Students will produce at least two comprehensive essays of 1000-1500 words. Please note: Students will learn to respond to writing prompts using their own knowledge/experience base; they will not learn how to research ideas nor how to incorporate and document secondary sources of information within their essays. This is a preliminary high school writing course which paves the way for more sophisticated forms of composition. Course material is provided by the teacher, and it will examine a variety of visual and written media. Students should be prepared for approximately 2-4 hours of homework each week. Grades will be based on in-class quizzes, homework assignments/exercises, and essay scores. Word processor, printer, and email capabilities are required.</p> <p>Prerequisites: Eligible students need to have completed a comprehensive study in writing at the ninth grade level or above. Class Supplies: Students need a three-ring binder (1-inch) with three section dividers labeled (1) Expository Writing, (2) Comparative Writing, (3) Persuasive Writing; loose-leaf notebook paper, pencils and pens, highlighters (pink, yellow, blue, green)</p>	Marla Lindsay	\$400/yr Tuition \$40/yr Materials Fee

7th-12th	Writing and Literature, Level One*** Online ZOOM Class	<p>Instruction for this class will be taught online using ZOOM on a day/time participating families agree upon. We will be using <i>The Lost Tools of Writing: Level One</i> curriculum. This complete writing curriculum teaches the student how to overcome three challenges all writers face: the blank page, how to arrange ideas, and finding the right words to communicate thoughts. According to the Circe Institute, "if you desire to instill virtues of truth, goodness, and beauty while teaching children according to their natures, using a curriculum designed to promote skills in thinking and decision making, then <i>The Lost Tools of Writing</i> is for you." This curriculum teaches students how to ask good questions, how to read literature, and how to make decisions. We will also be reading 3 books this semester, including: <i>The Lion, The Witch, and The Wardrobe; Carry on Mr. Bowditch;</i> and <i>The Secret Garden</i>. We will read more books during the second semester. Homework: Assigned reading and writing may take varied amounts of time depending on student.</p> <p>Prerequisites: Students need to read <i>The Lion, The Witch, and The Wardrobe</i> by the first class day.</p> <p>Class Supplies: 3 highlighters – blue, green, yellow, writing pens, notebook paper, 3 ring notebook, Student Workbook <i>The Lost Tools of Writing: Level One, 5th Edition; Wakeful Words</i> (teacher will provide); thesaurus; <i>The Lion, The Witch, and the Wardrobe; Carry on, Mr. Bowditch;</i> and <i>The Secret Garden</i></p>	Sharon Grimes	\$300/yr Tuition \$12 supply fee for <i>Wakeful Words</i> (teacher will provide)
9th-12th	Writing and Literature, Level Two*** Online ZOOM Class	<p>Instruction for this class will be taught online using ZOOM on a day/time participating families agree upon. We will be using <i>The Lost Tools of Writing: Level Two</i> curriculum. This curriculum picks up where <i>Level One</i> finishes. Students will learn the tools of good writing with even greater depth, discovering the standards of criteria for the judgements they make in their essays. Students learn to find answers to the excellent questions they learned to ask in <i>Level One</i>. We will be reading <i>The Pilgrim's Progress, The Sign of the Beaver,</i> and <i>Call of the Wild</i> this semester. Next semester we will read other wonderful classic books. Homework: Assigned reading and writing may take varied amounts of time depending on student.</p> <p>Prerequisites: Students need to know the basics of good grammar, including parts of speech, punctuation, and sentence construction. Any student who can independently write a paragraph can learn and use the tools in this curriculum. Students must be familiar with <i>Level One</i>, understanding the common topics, the elements of a persuasive essay outline, and the schemes and tropes.</p> <p>Class Supplies: 3 highlighters – blue, green, yellow, writing pens, notebook paper, 3 ring notebook, Student Workbook <i>The Lost Tools of Writing: Level Two, 5th Edition; Wakeful Words</i> (teacher will provide); thesaurus; <i>The Pilgrim's Progress; The Sign of the Beaver;</i> and <i>Call of the Wild</i>.</p>	Sharon Grimes	\$300/yr Tuition \$12 supply fee for <i>Wakeful Words</i> (teacher will provide)
Science				

9th-12th	High School Chemistry Lab***	<p>This two hour class is the lab component of a two-semester high school chemistry course using the Apologia text, <u><i>Chemistry - Exploring Creation with Chemistry, 2nd Edition</i></u> by Dr. Jay L. Wile (preferred) or <u><i>Exploring Creation with Chemistry, 3rd Edition</i></u> by Kristy Plourde, M.S. Since it is getting more and more difficult to find the 2nd Edition text and the separate <u><i>Solutions and Tests Manual</i></u>, either edition is okay. I have correlated the two editions so having both books being used in the same class is not a problem. The text and class is taught from a Biblical worldview acknowledging God as creator of all. "For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made, so that they are without excuse." Romans 1:20 (NASB)</p> <p>"Topics include significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and basics, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, gas laws, and equilibrium. Experiments include measuring specific heat, discovering the electrical conductivity of compounds dissolved in water, measuring the width of a molecule, exploring freezing point depression, using the ideal gas equation, recognizing the effects of catalysts, and much more." (quoted from Apologia website)</p> <p>Each module will take 2 weeks to complete and students should plan on 3-5 hours per week to read the text, work through the "On Your Own" problems, and answer the "Review Questions" and "Practice Problems." In addition, there will be 1-2 hours per week preparing for lab and completing lab write-ups. Approximately the first hour of each class will be a lecture and/or question and answer format explaining concepts and working through example problems from the text. The second hour will be spent doing the experiments (activities or demonstrations) from the module.</p> <p>Parent responsibility will include monitoring and grading all the work from the text ("On Your Own" problems, Review Questions, and Practice Problems) and proctoring and grading the module tests. I will grade lab notebooks and experiment write-ups. I recommend that homework and assignments, tests and quizzes, and the lab grade be weighted about 1/3 each of total course grade.</p> <p>Prerequisite: Algebra 1. Class supplies (to be brought each week): Apologia text, 3-ring binder (with paper and dividers), pencils (with erasers), pen, colored pencils, scissors, metric-English ruler, scientific calculator (smart phone works fine), lab apron (or big shirt), and <u>safety goggles</u>. Please, no spiral-bound notebooks. Occasionally students may be asked to bring a common household item from home. Parents will also need the <u><i>Solutions and Tests Manual</i></u> that accompanies the Apologia textbook (make sure they are both the same edition).</p>	Candace Dixon	<p>\$450/yr Tuition \$70/yr Materials Fee</p>
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10th-12th	Physics Lab***	<p>This two hour class is the lab component of a two semester high school physics course using the Apologia text, <i>Exploring Creation with Physics, 2nd Edition</i> by Dr. Jay L. Wile. The text and class is taught from a Biblical worldview acknowledging God as creator of all. "For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made, so that they are without excuse." Romans 1:20 (NASB)</p> <p>Some important concepts covered in Apologia's high school physics include, but aren't limited to: one and two-dimensional motion; Newton's laws and their applications in nature; work and energy; electricity and magnetism; acceleration, velocity and momentum; periodic motion; and light and sound waves. [taken from Apologia website]</p> <p>Each module will take about 2 weeks to complete and students should plan on 4-6 hours per week to read the text, work through the "On Your Own" problems, and answer the "Review Questions" and "Practice Problems." In addition, there will be 1-2 hours per week preparing for lab and completing the lab reports. Approximately half an hour of each class will be a lecture and/or a question and answer session explaining concepts and working through example problems from the text. The remainder of the time will be spent doing the experiments (activities or demonstrations) from the module.</p> <p>Parent responsibility will include monitoring and grading all the work from the text ("On Your Own" problems, Review Questions, and Practice Problems) and proctoring and grading the module tests. I will grade lab notebooks and lab reports. I recommend that homework and assignments, tests and quizzes, and the lab grade be weighted about 1/3 each of total course grade.</p> <p>Class prerequisite: Student has completed Algebra 1, Geometry and has basic knowledge of the trigonometry concepts of sine, cosine, and tangent. Class supplies (to be brought each week): text, 3-ring binder (with paper and dividers), pencils (with erasers), pen, colored pencils, scissors, metric-English ruler, scientific calculator (smart-phone calculator is sufficient), lab coat or apron, and <u>safety goggles</u>. Please, no spiral-bound notebooks. Occasionally students may be asked to bring a common household item from home. Parents will also need the <u>Solutions and Tests Manual</u> that accompanies the Apologia Textbook: <i>Exploring Creation with Physics, 2nd Edition</i>.</p>	Candace Dixon	<p>\$450/yr Tuition \$70/yr Materials Fee</p>
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9th-12th	Biology Lab***	<p>This biology class is taught from a Biblical worldview while intending to equip students with a well rounded understanding of the subject. Each week students will be provided with a combination of lecture/discussion of the subject and laboratory experiments related to the topic. The course will follow the general outline of the text. In the first semester, we will use the microscope and will be observing life at the cellular level. In addition to that, we will be performing simple biochemistry experiments involving proteins along with biological and biochemical modeling. In the second semester, we will be doing dissections of squid, crayfish or crab, perch, shark, and fetal pigs, plants and fungi. Students will be expected to draw diagrams of what they dissect or view under the microscope and label all parts they observe in the micro-organism or organism. The importance of good record keeping and documentation will be stressed. Expectations of Students: Lab worksheets and a lab report will be completed for each laboratory (1-2 lab sessions) and will be graded by the instructor. Each week students will be expected to complete the reading and any practice problems and tests at home as well as any supplemental materials provided by the instructor (approximately 1.5 hours per week). Completion of lab worksheets, active participation in all the labs, and completion of lab notebooks are required. Optional advanced topics will be provided to the students who finish their lab assignment early in class.</p> <p>Class Supplies: a lab journal, a bound composition notebook, 70 pg. minimum), writing utensils (pens AND pencils), colored pencil set (40+ colors), vinyl lab gloves, text book (<i>Exploring Creation with Biology, 2nd edition</i>, Wile and Durnell, ISBN 978-1-932012-54-5 and test booklet), and calculator. Materials provided by instructor: Microscopes, slides, dissection kits and specimens, lab ware, laboratory worksheets, biological models, modeling materials, lab coats, and splash goggles.</p>	Adrienne Hanagan	\$370/yr Tuition \$100/yr Materials Fee
10th-12th	AP Psychology*** *CANCELLED* FALL/SPRING 2020	<p>Mr. Corson negates the public perception that psychology is the domain of unbelievers and views it simply as the study of God's workmanship. The more we study our brain and behavior, the more we appreciate God's greater purposes. The notebook is written to help prepare students to face the challenges of strengthening their faith in a college/world environment where their faith is challenged every day. The challenge of comparing academic learning to God's Word is a lifelong skill he emphasizes. He plans to prepare students to take the AP test in May, but also to reinforce their love for learning.</p> <p>See http://sonlight.com/690-00.html for a complete write up of the course. Students must be at least 16 years old for this class.</p> <p>Class text: Sonlight's psychology program. Myers' psychology for AP, 3rd edition. (This will be a new edition). Prerequisite: Strong reading ability.</p>	Jeff Corson	\$320/yr Tuition
7th-12th	Earth & Space***	<p>This lively class will touch upon fundamentals of Earth science, including geology, meteorology, volcanoes and earthquakes, tectonics and glaciers. After studying the unique qualities of our own world, we'll touch on the similarities between Earth and other planets, the design of the cosmos and its reflection on—and proof of—its Creator, and how Earth's design supports life. We will explore all planets and moons of our solar system, and some beyond! This class is designed as an introduction to terms that students will encounter in high school level sciences.</p> <p>Prerequisite: ability to write reports.</p>	Michael Carroll	\$220/yr Tuition \$40/yr Materials Fee

8th-10th, 7th if well prepared	Physical Science Lab*** *CANCELLED*	<p>Physical Science is an introductory science course taught from a Biblical worldview. This course is intended to reveal to students the joy of God's creation and to equip students with the investigative and analytical skills necessary for high school science. Students will explore basic physics, chemistry, earth, and space sciences. Expectation of Students: Students will be expected to read through the text and do assignments at home. All tests and homework will be administered by the parent. The instructor will provide laboratory activities, will evaluate the students' performance in laboratory work, and will coordinate with parents about student's progress with homework and tests. Students will be expected to complete lab worksheets and lab reports for each class session, (approximately 1 hour per week.). Emphasis will be placed on writing up and maintaining a laboratory book that accurately documents the experiments and the physical modeling that the student performs. There will be a model lab book/lab write-up that will be handed out at the beginning of the semester. Adherence to this model is essential.</p> <p>Class supplies "<i>Exploring Creation with Physical Science</i> 2nd edition with test pack" ISBN-13:978-1932012804; scientific calculator (TI-30 or equivalent), ruler (both standard and metric units), spiral bound notebook for taking general notes, lab notebook (graph paper composition book, available at Office Max, 70 page minimum), pens, pencils, coloring pencils/markers, and vinyl laboratory gloves. Teacher provided materials: Splash goggles, modeling materials, chemistry, physics, and earth science experimental materials.</p>	Adrienne Hanagan	\$320/yr Tuition \$70/yr Materials Fee
6th-8th	General Science Lab***	<p>General Science Lab Class will be taught from a Biblical worldview using "Exploring Creation with General Science" 3rd Edition by Wile. This class is designed to introduce students to the scientific process, explore laws of science in the world around us, and appreciate the harmony that exists between science and Christianity. The student will be responsible for reading the assigned text material at home. The parents will administer all tests and text homework. This class is a combination of teaching and review of requiring reading, as well as lab and enrichment games to enforce key concepts. The instructor will guide the students as they learn how to record results and write a lab report. The course grade will be based on class participation and graded lab assignments. The goal of this class is to make science fun and instill a desire to know more about God's amazing creation. The instructor may add some additional classroom projects to help reinforce text material. Homework will consist of the required reading & labs.</p> <p>Supplies needed: Notebook, colored pencils, glue stick, scissors, goggles, and "Exploring Creation with General Science" 3rd Edition by Wile.</p> <p>Prerequisite: Student must be able to read text, memorize vocabulary, write & take notes during the labs.</p>	Dr. William Cornwell III	\$300/yr Tuition \$70/yr Material Fee
Math				
8th - 12th grade (if you have a 7th grader that is very proficient in math and would like to be considered for the class please speak to the instructor)	Algebra I***	<p>This class will cover the material in the Saxon Algebra I textbook. The class will begin with a quick review of the previous week. The rest of the class time will be for teaching the students the next 4 lessons in the textbook. Students will be responsible to complete (work the problems, check their answers, fix any problems they got wrong) 4 homework assignments each week and a test. Their grade will come from completion of homework assignments and test scores. Students learn best when they correct their mistakes so after each test, the student will have the opportunity to correct their test to raise their grade. Homework will require approximately 1 hour per day, 4 days a week. In addition there will be 1 test per week which will also take about 1 hour to complete. Parents are asked to proctor the exams.</p> <p>Prerequisite: Equivalent 7th or 8th grade math curriculum or Pre-Algebra. Supplies: "Saxon Algebra I Textbook and Answer Key 3rd Edition, 2 inch 3 Ring Binder, 4 dividers for the binder (worksheets, notes, homework, tests), Either college ruled paper or graph paper, A TI-30 or above calculator is helpful but not required.</p>	Leda Wolitzky	\$400/yr Tuition \$20/yr Materials Fee

8th-12th	Algebra II/College Algebra Concurrent Enrollment***	<p>This class will cover the material in the Saxon Algebra II (3rd Edition) textbook. I will begin the class with a quick review of the previous week. Then, I will proceed to teach the students the next 4 lessons in the textbook. Students will be responsible to complete (work the problems, check their answers, fix any problems they got wrong) 4 homework assignments each week and a test. Their grade will come from completion of homework assignments and test scores. I believe students learn best when they correct their mistakes so after each test, the student will have the opportunity to correct their test to raise their grade. Homework: 4 homework assignments and a test.</p> <p>Prerequisites: Algebra 1, or SAT score of 530, or ACT score of 23 or equivalent proof of knowledge – Students should have the ability to solve basic algebraic equations, and have been introduced to manipulating equations, inequalities, relations, functions, exponents, monomials, and polynomials. Students should also have knowledge of the Pythagorean theorem and a basic understanding of probability and statistics. Students can take the Saxon Algebra II placement test online to see if they can test into Algebra 2.</p> <p>If you wish to take this class as Concurrent Enrollment College Algebra, you will pay an additional \$450 for the year to Integrity College Solutions (ICS), and will also need to register through them.</p>	Leda Wolitzky	\$360/yr Tuition \$20/yr Materials Fee *Additional \$450 fee to ICS - for CE Students Only
6th-12th	Math Tutoring	Schedule 30 minutes to 1 hour private tutoring in math levels pre-algebra through pre-calculus. Contact the instructor for time slot availability.	Leda Wolitzky	\$22 for 30 Minutes \$40 for 60 Minutes
Foreign Language				
9th-12th	Spanish 1***	<p>This two-semester class, taught by a native Spanish speaker, will introduce students to beginning Spanish vocabulary and grammar. Students will practice reading, writing, listening and speaking in Spanish. This class will be interactive allowing students to converse in Spanish and complete activities together. There will also be a focus on learning and discussing the culture of various Spanish-speaking countries.</p> <p>Prerequisites: None. Supplies: 3-ring binder, notebook paper, pens, Spanish-English dictionary. Student workbook is included in the materials fee. This is a hour and 15 min. class.</p>	Socorro Gill	\$280/yr Tuition \$70/yr Material Fee
9th-12th	Spanish 2***	<p>This two-semester class builds on the vocabulary and grammar taught in Spanish I. Students will be introduced to an intermediate level of Spanish reading, writing, speaking, and listening. This class will also give students an opportunity to continue practicing Spanish conversation and learn more about the culture of Latin America.</p> <p>Supplies: 3-ring binder, notebook paper, pens, English-Spanish dictionary. Student workbook is included in the materials fee. Prerequisites: Spanish 1 is a prerequisite for Spanish 2. This is a hour and 15 minute class.</p>	Socorro Gill	\$280/yr Tuition \$70/yr Material Fee
History				
9th-12th (Typically an 11th grade class)	American History 1, or as concurrent enrollment for American History***	<p>This is a foundational American history course. For the year we will cover indigenous peoples and 15th century European colonists to post Civil-War Reconstruction. The students will be engaged with vibrant discussion, and activities, along with traditional lecture format. A variety of field trips will be offered for extra credit. Food, music, art, etcetera will be used to aide the students' thorough and personal knowledge of the United States. My greatest goal is that they see themselves as heirs to a rich and vibrant story that will enhance their wisdom in our country and protectors of liberty for themselves and posterity.</p> <p>Supplies: 2" binder, notebook paper, pen/pencil, colored pencils or highlighters, plain copy paper, access to the internet. Textbook is to be determined. Prerequisite: Some type of writing or composition class.</p> <p>If you wish to take this class as Concurrent Enrollment American History, you will pay an additional \$450 for the year to Integrity College Solutions (ICS), and will also need to register through them.</p>	Melanie Hockley	\$220/yr Tuition \$20/yr Materials Fee *Additional \$450 fee to ICS

9th-12th	American Government: A Survey of Current Event and the Justice System	<p>A frequently repeated saying among our founding fathers was “Eternal vigilance is the price of liberty.” The rise in the popularity of socialism is an example of how our educational system has failed at least one, if not more, generations of students. The fruition of this failure has now come to life in our body politic and culture. It is essential our students understand not only our founding documents but also the application of these documents to modern American society. Students taking this course in American Government will read and analyze relevant primary and secondary source founding documents. Students will watch fifteen-minute videos from a course by Michael Farris entitled Constitutional Literacy and discuss the principles therein. Students will learn the elements and importance of civil discourse, especially concerning current issues that can at times cause disagreement and division. A special emphasis will be placed on how to interact with people who hold opposing views in a respectful manner.</p> <p>Although this is designed as a whole year course, students are encouraged but not required to take both semesters. For transcript purposes, the official title for first semester is American Government: A Survey of Current Events and the Justice System and the second semester is American Government: Constitutional Literacy.</p> <p>Homework: 1) Approximately thirty minutes to two hours of reading will be assigned on a weekly basis. Most of this reading will be from primary or secondary source founding documents. 2) Students will answer one to three essay questions per week. 3) Students will be required to memorize a few key portions of our founding documents or speeches. Because class time is precious and short, parents will be asked to record video of student’s memorization work and submit the video via text or email. 4) Because it is an election year, there will be assignments to choose either a candidate or issue that is important to individual students and to do some volunteer work for that candidate/issue OR a student may choose to interview a public servant or write letters to legislators. I will not direct the students to candidates or issues that are important to me. Rather, I will help them to discover what is important to them and give them direction as to how they can make a difference in these areas. There will be assignments later in the year that will strongly encourage students to support organizations of the student’s choosing who are working to affect political and/or cultural issues. Students will also have to give and prepare presentations. 5) Students will be required to visit candidate’s and/or issue websites. There will be corresponding assignments to these online activities</p> <p>Class supplies: Dedicated binder with dividers. Note: I will not have a required textbook but there will be 2-3 books which will need to be purchased.</p>	Annette Budd	\$100 Per Semester
Computer				
8th-12th	Graphic Design/Photoshop***	<p>Class surveys elements of design, layout and printing. Typography and design styles are covered, as well as fundamentals of illustration in both traditional and digital media.</p> <p>Computer with Photoshop (Elements or CS) in class and at home is required. Prerequisite: some computer skills, intermediate drawing skills, a WORKING copy of Photoshop on a computer, available for all classes.</p>	Michael Carroll	\$240/yr Tuition \$50/yr Materials Fee
9th-12th (7th-8th with approval and strong computer proficiency)	Intro to Game Programming *CANCELLED*	<p>Learn how to program your own computer games using the popular game developing software GameMaker Studio 2! Using the visual scripting language provided by GameMaker, students will learn how to turn their ideas into logical computer instructions, practice valuable debugging skills, and gain a foundation in a variety of Computer Science topics. Learning to Code is one of the most important skills for students to be exposed to in the age of technology that we live in, and this class will give them that valuable exposure while catching their interest with the joy of making their own video games. Homework: Students will have assigned readings and exercises to complete each week, along with programming projects that require them to apply the material. I will be targeting 3-5 hours of assigned homework per week.</p> <p>Prerequisites: Basic computer proficiency, Algebra I math level is recommended. Class Supplies: A laptop running Windows, MacOS, or Linux is required. The laptop must be brought (charged) to each class, as well as be available throughout the week for completing projects. All other class content (book, assignments) will be provided digitally, and for free.</p> <p>For students that are interested in continuing with GameMaker beyond the year of the license, there is an option to upgrade to the permanent license for an additional \$60.</p> <p>It is recommended that students take the follow-up Intro to Python Programming class in the Spring.</p>	Ryan Langewisch	\$130 per semester \$40 for annual license for GameMaker Studio 2

9th-12th	Mastering Microsoft*** *CANCELLED*	<p>Whether putting together a resume, applying for scholarships, budgeting money for a household, writing a paper, or presenting to a church, students today need the ability to communicate in various digital mediums. This course will give students skills in three main tools from Microsoft Office: Word, Excel and PowerPoint. Participants will learn to use Microsoft Products to produce professional-looking documents that communicate effectively. The MS Word section will cover typing, formatting, editing, document spacing, margins, page numbering and saving a document. For the PowerPoint section we will cover how to create a slide, add content (text, graphics, objects and pictures) to present a show. In the Excel section we will cover various methods for entering and editing data, formulas and pivot tables. Other MS products may be covered if there is time in the class and interest. Most of the final formatting work for each type of document will be completed in class. However, the student will compose a PowerPoint presentation, Word document, and an Excel document outside of class.</p> <p>Supplies: Computer with Microsoft Office 2013 or newer.</p>	Steve Forney	\$260/yr Tuition \$40/yr Materials Fee
9th-12th	Introduction to Java Programming Methodology***	<p>The goal of this class is not only to teach the Java programming language, but good software engineering principles that will carry over into any programming language or programming job. We will be using a free video class by Stanford Engineering. The class is an actual computer science class taught at Stanford. Electronic copies of the books for the class are available for free. The students will watch the videos at home (each video is 40-50 minutes long), read, and begin assignments. Class time will be used for questions, discussion, strategizing solutions to assignments, extra teaching, and debugging issues. Class pace may be adjusted based on how well students grasp concepts. There will be one midterm exam and one final. Short quizzes will be given weekly to make sure the students are doing the readings and videos. Grades will be 50% assignments, 25% exams, and 15% quizzes, 10% class participation. Exams will be open notes, but not open computer or book. Quizzes will be closed book/notes/computer. If the student spends at least 5 hours a week on this class, it is worth 1 high school credit.</p> <p>Supplies needed: Student will need to have a laptop that can run Java, and bring it to class. A Windows 10 or a MacOS (most recent OS) laptop is best. Note: Chromebook laptops do not run Java. It does not have to be a high-powered, expensive laptop. They will also need to have internet access at home, and possibly a printer. Two pdf files of the books used with this class will be distributed to the students. If the students prefer a printed version, you will need to print them out. A notebook for taking notes from the readings, videos, and in class (since exams will be open notes).</p> <p>Prerequisites: At least concurrently taking Algebra 1, but better if Algebra 2.</p>	Tricia Roush	\$300/yr Tuition \$40/yr book rental \$20/yr Material Fee
Electives				
9th-12th	Personal Finance **CANCELLED** for fall 2020	<p>The Bible has a lot to say about the issue of money. It is a topic of vital importance to us all. Using money wisely brings blessings, and using it unwisely causes great stress and often long lasting consequences. Using Dave Ramsey's course for high school students, entitled "Foundations in Personal Finance", we will cover the following topics: saving, budgeting, debt, life after high school, consumer awareness, bargain shopping, investing and retirement, insurance, money and relationships, career and taxes, and giving. Teaching our students to be money wise, is one of the greatest gifts we could ever give them. We will follow an online seminar as well as participate in many class discussions and fun activities that bring the concepts to life. Class is open to 9-12th grade, but 10-12th graders experience more success because the information is more relevant to them. Expect about 2-4 hours a week. Students will log onto the Dave Ramsey website to view a weekly video lesson and take quizzes. Students will be expected to complete the videos, quizzes, the journal questions, as well as any other assignments given. A detailed syllabus will be given outlining further assignments and activities.</p> <p>Class Supplies: \$25 online activation fee per student. Student will need access to a computer with wifi to watch the weekly video sessions and complete online tests. Students will also need a 3-ringed notebook and somewhere to keep a journal (notebook, on-line, etc.).</p>	Crystal Ratliff	\$90 per semester \$10 Materials Fee \$25 online activation fee

9th-12th	Christian Worldview *CANCELLED*	<p>Thinking Like a Christian is part one of the Worldviews in Focus curriculum series through Summit Ministries. Worldviews in Focus is a worldview curriculum series addressing and comparing the Christian worldview with the philosophies and ideologies of the competing humanistic worldviews of our day. Worldviews are compared along 10 major life disciplines: Theology, Philosophy, Biology, Psychology, Ethics, Sociology, Law, Politics, Economics, and History. Worldviews in conflict and religions in contrast.</p> <p>Text: <i>Thinking Like a Christian: Understanding and Living a Biblical Worldview</i> student handbook by David Noebel and Chuck Edwards. The student journal corresponds with the video, leader's guide, and textbook. Included are notes, class assignments, and daily work. http://webstore.summit.org/Store/Curriculum-Church-Thinking-Like-a-Christian/Thinking-Like-a-Christian-Student-Journal.html \$11.95 at Summit Ministries.</p> <p>Prerequisites-None, but this class would particularly benefit the believing student-unbelieving students will not be able to truly grasp the content (Scripture/Biblical study) without a relationship with Jesus, The Son of God. Homework- about 4 hours per week of work. Class supplies- Notebook, 2" 3-ring binder, pen/pencil. Access to internet for homework assignments.</p>	Melanie Hockley	\$90 Per Semester \$15 Materials Fee
9th-12th	Traditional Logic 1*** (Traditional Logic 2 in Spring)	<p>Our world is full of truth detractors that all too often we, as Christians, find ourselves having to defend against. This class focuses on the study of the classical syllogism by training the mind to respect truth. Students will learn the four kinds of logical statements, the four ways propositions can be opposed, the three ways statements can be equivalent, and the seven rules for the validity of a syllogism. Short chapters articulate concepts in clear, concise language, and student workbook assignments are laid out for a four-day at-home week. Once we've established a solid foundation of logical structure during first semester, we'll then dig into historic ideologies that have influenced modern identity. We'll also pull arguments from current day conversations and analyze them for truth. Here's where the rubber meets the road! This is a class of orderly thought and compelling conversation. Look forward to a stimulating, interactive class environment. Homework: 1 hour class on community day; approx. 45-60 minutes of at-home work the other four days.</p> <p>Prerequisites: High school level reading ability. This is a two semester class.</p>	Sally Avery	\$320/yr Tuition \$80/yr Materials Fee
6th - 12th	Creation Apologetics **CANCELLED** For Fall 2020	<p>Is the universe a result of random-chance processes, or was it created by God? What is life and how did it start? How old is the Earth? What is the evidence for the worldwide flood of Noah, and what does it have to do with modern-day geology? Is man just a highly intelligent ape? Did humans ever coexist with dinosaurs, and did the "terrible lizards" really go extinct 65 million years ago? How many ice ages were there? These are some of the questions the Creation Class will address from a biblical, young-earth creation science perspective. I will primarily be using the DVD series, "Unlocking the Mysteries of Genesis" from the Institute for Creation Research (ICR). Presenting scientific evidence for divine creation and a young earth, this 12-part educational series challenges evolutionary theory and provides convincing answers to some of the most controversial questions of faith and science. I will also present some of my own PowerPoint talks on geology, fossils and dinosaurs. Each episode of "Unlocking" runs about 22 minutes. Class time will focus primarily on watching a video (or PP), discussion, answering questions (fill in the blanks) in the workbook and a question-and-answer period. The order in which the DVDs are presented may vary, but the topics covered include: Science and Scripture, The Origin of the Universe, Life and Man, The Age of the Earth and Universe, Geological and Fossil Evidence for a Young Earth, Dinosaurs, Noah's Flood, the Ice Age and more. The "Unlocking the Mysteries of Genesis Student Guide" (workbook) is required for the class—I will provide these. It contains thought-provoking questions, fun puzzles, further reading and group activities. Homework will involve additional reading and exercises from this book.</p> <p>Supplies: Bible, workbook, notebook/paper and pen or pencil.</p>	Terry Beh	\$130 Per Semester \$13 workbook material fee per semester

		Fine Arts		
7th - 12th	Pencil Drawing	<p>This is a drawing course based on the right brain training from Betty Edward's book Drawing on the Right Side of the Brain. Learn to see differently and therefore draw more realistically with 6 challenging, but fun exercises. End the class by learning the steps to drawing a portrait or a human face, like you never thought you could before! Homework: Practicing exercises at home.</p> <p>Class Supplies: Will be emailed to students.</p>	Mary Langewisch	\$105 per semester
8th-12th	Colored Pencil Drawing	<p>Learn to use colored pencil as a professional art medium. With many fun projects learn the many pencil strokes and blending techniques to colored pencil. Also learn all about color theory and how to get the colors you want in colored pencil. Learn how to pair colored pencil with other mediums to get different effects. Finish off the semester with a finished illustrated piece of your choice! We will be using Prismacolor pencils. Homework: Practicing exercises and working on projects at home.</p> <p>Prerequisites: Taken Mary Langewisch's Pencil Drawing Class, or permission from teacher. Class Supplies: Will be emailed to students.</p>	Mary Langewisch	\$110 per semester
8 - 18 years old	Beginning Sewing, Part 1 **CANCELLED** for fall 2020	<p>"Participants will enjoy learning the basic skills for using a sewing machine, sewing by hand, and have the opportunity to complete 4-5 small projects during class time throughout the semester, depending on ability. Quality over quantity will be emphasized in each project in order to develop individual student skills. Students will be taught using hands on methods and via online instructional videos, when necessary. Parents will be given the links beforehand to view at their convenience and assist the student at home, if needed. No major homework will be assigned. But, student may need to practice the basic use of their own sewing machine to improve their understanding of it and build better skills to use in class; or continue a project at home and finish as he/she is able.</p> <p>Apart from the 4-5 projects, students will have the opportunity to learn to make bibs, burp cloths and other small items to donate to a local ministry to moms, Confessions of a Mother's Heart, COMH-Unity Support Group! You can learn more about this ministry by going to www.tlcsquared.org/comh-groups. Supplies for the ministry will be provided by TLC Squared.</p> <p>Gently used sewing machines are available to rent for a \$25 fee (per semester) with the option to buy at the end of the semester (\$75 total). There are a limited amount of these machines. So, they are only available on a first come, first served basis. Interested parent/student must contact the instructor to discuss options.</p> <p>The \$25 class fee will cover all the fabric and notions for up to 5 course projects, sewing project instruction copies, sheet protectors and all patterns necessary.</p> <p>For further assistance in class and at home, the student may purchase the book, ""101 Essential Tips: Basic Sewing"" (ISBN 10:0756606128 or ISBN 13:9780756606121) which is only available online or from the instructor, as a used book. The instructor might also have a limited number of books available. The price ranges from \$4 to \$7 for the used book depending of the seller. An equivalent book would also be acceptable and paid for by the student.</p> <p>Finally, the instructor would be happy to answer any questions you have about this class or about buying a new or gently used sewing machine. The Rocky Mountain Sewing and Vacuum is also another great resource: https://www.rockymountainsewing.com/"</p> <p>Prerequisite: Ability to read, write, take notes in class, use scissors, and use a standard 12" ruler correctly. Supplies: A new or gently used, but operable, portable sewing machine; A 1 inch, three ring binder with 5 dividers, pen/pencil and sewing essentials. A more specific list of "sewing essentials" will be emailed to students. New or gently used pillow case(s) or pair of jeans, for extra projects, as time allows. Supplies for the ministry project will be provided by TLC Squared.</p>	Socorro Gill	\$125 per semester \$25 materials fee per semester

10 - 18 years old	First Time Quilt Making**** **CANCELLED** for fall 2020	<p>Students will learn to quilt in a few short lessons and given the opportunity to complete a quilt by the end of the spring semester. They will learn a) Beginning the basics, b) Preparing the fabric, c) Sewing accurate seams, d) Assembling the quilt top, e) Making the quilt sandwich and f) Finishing the quilt. Students are encouraged to have their 'work in progress'; or completed quilt available for display at Credo Showcase. Parents will be given more details as the date approaches.</p> <p>Supplies: Students must have their own portable sewing machine to use in class; A 1 inch, three ring binder with 5 dividers; Pen/pencil and "Sewing essentials." Previous students from my classes can use their own "Beginning Sewing"; (Part 1) binder. A more detailed list of sewing essentials will be provided to students.</p> <p>Prerequisites: Must have taken Sewing Class A (and received a "Satisfactory" evaluation) or have previous experience with own sewing machine and be confident enough to use sewing machine and sewing essentials (tools) on their own.</p>	Socorro Gill	\$250/yr Tuition \$100/yr Materials Fee
Music				
All Ages	Piano Lessons	<p>Individualized instruction in piano for all levels.</p> <p>Supplies: Piano or keyboard at home</p>	Joan Twedell	\$30 per 30 minute lesson \$40 per 45 minute lesson
7th - 12th	Choir at Credo	<p>Choir at Credo will offer the middle and high school students the opportunity to build their skills necessary to sing in a choir. This includes singing, proper breathing, posture, sight reading, harmony, and rhythm, and learning to work together. At the end of the semester the students will perform what they have been working on the whole semester. The goal is to have fun while they are developing their musicianship by working together. Students will meet prior to the class with the teacher to help determine their voice parts and skill level. Homework: There will be some homework and the students must practice the repertoire on their own.</p> <p>Class Supplies: Pencil and paper, 1/2" 3-ring black folder.</p>	Teresa Flowers	\$100 per semester \$10 accompanist fee per semester \$20 material fee per semester
6th - 12th	Beginner to Intermediate Guitar Lessons	<p>This is a course of private lessons, covering the basic fundamentals of the instrument in a performance based application, Students will learn to play the guitar through the study of music theory applied to the fretboard, chord spelling, playing melodies, and basic guitar strumming. We'll also teach how to change guitar strings during the semester. Homework: Weekly practice at least 5-7 days of 20-30 minutes each day.</p> <p>Prerequisites: None</p> <p>Class Supplies: Guitar, Tuner, Picks, Book: Fretboard Theory (Vol 1) - spiral bound is fine - \$17.00 - this will be combined with learning to play simple appropriate songs including the melody and chord strumming.</p>	Bill Maxwell	\$30 per 30 minute lesson \$50 per 60 minute lesson

6th - 12th	Voice Lessons	I'm so excited to be giving private voice lessons this year with Credo! We will be focusing on developing classical vocal techniques, performance behavior, and music reading. The goal of the lessons will be to improve the student's singing ability through working on classical songs, hymns, show tunes, and songs they would like to sing as well (if they are appropriate to learn and promote proper singing technique). Hopefully the student will learn new music and find a passion for singing they didn't have before. Supplies: Pencil, recorder (this is suggested and not required. Student may use their phone if it works.), and binder for music.	Teresa Flowers	\$120 per month for minimum of 3 and maximum of 5 lessons
Performing Arts				
7th-12th	Worship Dance	This class is designed to teach dance techniques typically related to Worship Dance, primarily Ballet, Modern, Contemporary, and Lyrical dance styles (though Worship Dance may certainly include other dance styles). This class aims to look at dance and it's capacities in worship, praise, prayer, and ministry. As part of this we will do a short devotional at the beginning of class and work on a dance to perform at the end of semester showcase (dancers should be available for showcase). Class Dress Code: exercise pants and/or leggings (no jeans), long t-shirt, and pink canvas or leather ballet shoes. Hair ideally should be in a bun though a ponytail or braids are also acceptable. Please have your hair done BEFORE class and bring a water bottle. Performance Dress Code: White long-sleeve leotard, pink tights (no holes please), pink leather or canvas ballet shoes, black culottes (link will be provided by first day of class). Hair style will be decided by performance. Homework: Minimal, reviewing/practicing dance/dance moves. Possible devotional homework. Prerequisites: None. Class Supplies: Ballet shoes, pink tights, water bottle, exercise pants or leggings.	Toni Roush	\$60 per semester \$10 material fee per semester
6th-12th	Acting: Building Foundational Skills	This course is designed to introduce students to the craft of acting through the use of improvisation, theatre games, and acting exercises. Actor training focuses on and makes use of individual and group exercises that challenge both the mind and the body. Emphasis is placed on developing concentration and focus, the use of the imagination, sensory awareness, and verbal and physical improvisational skills. Exercises are designed to encourage the acting student to listen to his or her impulses and to respond to them within the context of an imaginary circumstance. Students also learn to work off of a partner in order to discover their own true and authentic responses to another person. This class will culminate in a showcase of assigned pieces. Class Supplies: Spiral Notebook	LaCretia Gelley	\$160 per semester \$20 material fee per semester
Sibling				

10-12 Years Old	Sibling Literature: <i>Carry On, Mr. Bowditch</i>	<p>Carry On, Mr. Bowditch is one of the most inspiring biographies written for boys and girls. It relates the life and contributions of a great American mathematician, navigator, and astronomer and authentically portrays his character. The story begins in the historic seaport of Salem, Massachusetts, during America's Revolutionary War and follows young Nat Bowditch's life as an indentured apprentice in a Salem ship chandlery, his sea voyages around the world, and his writing of <i>The American Practical Navigator</i>. It is a powerful story of adventure set in Salem and on the high seas and one of sterling Christian character and conscience set in a young man's heart as he pursues his love of learning and navigation to triumph over great hardships, obstacles and losses. Students in this class will learn about the elements of a classic in literature: plot, setting, characterization, style of the author, and theme, through the use of graphic organizers and note taking. Coloring pages will be available for younger students who enjoy coloring as the book is read aloud in class. Geography, astronomy, and historical events will be studied when they relate to the setting of the story. Time will be given for coordinating arts and crafts lessons, in which the students will create a Seaman's Log and map the night stars.</p> <p>Homework: Occasionally additional reading will be assigned to help students understand more about colonial life.</p> <p>Class Supplies: 3 ring notebook, dividers, copy of <i>Carry On, Mr. Bowditch</i>, colored pencils.</p>	Sonya Lucia	\$115 Per Semester \$20 Materials Fee
7-10 years old	Sibling Literature: <i>Bach, The Boy From Thuringia</i>	<p>This inspiring children's biography by Wheeler and Deucher is based on the life of the renown Baroque composer, Johann Sebastian Bach. This fictionalized narrative relates his whole life beginning as a young boy, his musical genius, and his character development as the world's greatest organ virtuoso and composer. Bach is best known for transforming the foundation and structural basis of music in the western world. Students will learn the historical background of the Protestant Reformation, which began with Martin Luther in Germany, and the educational system that transformed northern Europe's culture. Bach's deep Christian faith is evident in his music and words, which the children will listen to throughout their study. Students will complete a map of Thuringia, color as we read aloud, become familiar with a music dictionary of terms, learn a basic knowledge of Baroque instruments, use graphic organizers to learn about plot, setting, and characterization, be introduced to new vocabulary, and complete craft lessons that coordinate with the biography. We will complete our Bach study before Thanksgiving, so will take one week before Thanksgiving break to study the Pilgrim story, using <i>The Story of the Pilgrims, from the Account of Governor Bradford</i>. This is an out of print book that we will read aloud in class. A Pilgrim or Indian related craft will be completed in class. Our final class will be spent enjoying <i>The Fir Tree</i> by Hans Christian Andersen.</p> <p>Homework: None</p> <p>Class Supplies: 3 ring notebook, dividers, colored pencils, glue stick, and a bottle of Elmer's glue.</p>	Sonya Lucia	\$100 Per Semester \$20 Materials Fee

5th-7th Grade Ages 10-13	Sibling U.S. History STEAM	<p>Through learning that uses science, technology, engineering, creative arts, and mathematics, students will learn to think through their ideas, engage in experiential learning, persist in problem-solving, work in collaboration with peers, and work through the creative process. Students will gather and use evidence to create knowledge or solve problems. These STEAM activities are centered around major events in U.S. History. Students will be given an explanation of how the activity relates to the historical event. (Second semester will continue the timeline of major events in American history.) This class will be one semester long. Homework: None. Prerequisites: None</p> <p>Class Supplies: pencils, spiral notebook</p> <p>Examples of student learning this semester will include:</p> <ul style="list-style-type: none"> *European Explorers – create a navigational tool *Native Americans – design a Native American home *Jamestown- purify water *Plymouth-build a ship *New England Colonies-create a waterwheel *Middle Colonies – harness wind power *Southern Colonies – Build a bridge *French & Indian War -create a powder horn *Boston Tea Party – design a tea container *American Revolution – design a cannon *Lewis and Clark – design an insulated blanket *Westward Expansion – create a covered wagon *Cotton Gin – create a working cotton gin *Gold Rush – panning for gold challenge *Underground Railroad – create a map 	Amanda Budimlya	\$100 Per Semester \$15 Supply Fee
1st-6th	Sibling Worship Dance	<p>This class is designed to teach dance techniques typically related to Worship Dance, primarily Ballet, Modern, Contemporary, and Lyrical dance styles (though Worship Dance may certainly include other dance styles). This class aims to look at dance and its capacities in worship, praise, prayer, and ministry. As part of this we will do a short devotional at the beginning of class and work on a dance to perform at the end of semester showcase (dancers should be available for showcase). Class Dress Code: exercise pants and/or leggings (no jeans), long t-shirt, and pink canvas or leather ballet shoes. Hair ideally should be in a bun though a ponytail or braids are also acceptable. Please have your hair done BEFORE class and bring a water bottle. Performance Dress Code: TBD Homework: Minimal, reviewing/practicing dance/dance moves.</p> <p>Prerequisites: None. Class Supplies: Ballet shoes, pink tights, water bottle, exercise pants or leggings</p> <p>-</p>	Toni Roush	\$60 per semester \$10 material fee per semester
3rd-7th	How To Draw Animals	<p>In this class learn to draw different animals from land and flying animals, to under the sea creatures! Learn the step-by-step method using a grid and starting with shapes along with other drawing tips. With different mediums add life to your drawings with color and texture, such as watercolor, pastel, acrylic paint, and colored pencil.</p> <p>Prerequisites: None. Class Supplies: Will be emailed to parents.</p>	Mary Langewisch	\$100 per semester

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Middle School classes are for 7th-8/9th grades. Middle School is age 12 years by October 1st and in grades 7th or 8th. High school classes are for 9th-12th graders, unless otherwise stated. Exceptions can be made for 8th graders who wish to take HS classes with board and teacher approval.

ICS tuition is \$450 for the year for the concurrent enrollment college credit. Instructors have an option of having their high school only students use Canvas, a learning management platform, as well. It is \$50 for the HS portion to use Canvas (check the catalog description to verify if the Instructor chose to use Canvas for HS student). There will be a link on the ICS website for Credo registration to choose for CE or HS Canvas enrollment. (*If Credo has more than 10 **HS only students**, ICS will lower the \$50 Canvas fee and refund the difference to the parents who already paid the \$50 the difference). CE students must use Canvas so the college who is issuing the credits can have the proof, but Canvas is included in in the CE tuition already.

***The student is required to take the yearlong class BOTH semesters. Additionally for year long classes, half of the teacher's tuition and the materials fees are required on the first day of the fall semester in August, and the second half of this payment is due October 1st, even if the student withdraws from the class.