



2021-2022

**HIGH SCHOOL
ACADEMIC HANDBOOK
AND COURSE CATALOG**

LITTLE ROCK CHRISTIAN ACADEMY

THE MISSION

To serve families, the church, and the community by providing a PK3-12th grade education characterized by excellence in the pursuit of truth from a Christ-centered worldview.

THE VISION

We seek to be an extraordinary PK3-12th grade academic institution that offers an excellent college-preparatory curriculum while serving the greatest portion of the body of Christ reasonably possible within our community.

Above all else, uncompromisingly teach and model the truth of the Person of Christ.

ACADEMIC EXCELLENCE

Excellence in the pursuit of truth from a Christian worldview drives the academic program at Little Rock Christian. During their time in high school, students have the opportunity to challenge themselves with 19 Advanced Placement (AP) classes, 8 concurrent college courses, Engineering courses through Project Lead the Way®, and an array of advanced and specialty courses in World Language, Biblical Worldview, Social Studies, English, Math, Science, and the Arts. Students are encouraged to embrace their interests and pursue a total education through programs like J-Term, participation in arts, athletics, and the wide array of extracurricular groups and activities. Our desire is to maximize each student's reach toward their highest potential through an extraordinary educational experience powered by engaged, innovative faculty and grounded in an all-encompassing, Christ-centered Biblical worldview. Our faculty is passionate about engaging and training students from a holistic perspective and examples of excellence abound. LRCA students become National Merit Scholars, National Achievement Award recipients, AP Scholars and more. Our teachers do more than instruct: they also encourage, guide, mentor, and inspire their students to be the very best that God created them to be.

ACADEMIC HANDBOOK

This handbook is designed to provide important information to parents and students regarding curriculum, course offerings, graduation requirements, scheduling, and academic policies. As such, it is a handy resource for use in selecting courses for the upcoming school year. Although every attempt has been made to be as accurate as possible, sometimes it is necessary to make a change in order to best meet student needs. Updates or changes can be found online at LittleRockChristian.com. We encourage all parents and students to become familiar with this handbook.

ACCREDITATIONS:

Association of Christian Schools International (ACSI)
Arkansas Non-Public Schools Accrediting Association (ANSAA)
Southern Association of Independent Schools (SAIS)

MEMBERSHIPS:

Council of Educational Standards and Accountability (CESA)
College Board
National Honor Society
National Beta Club



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GRADUATION REQUIREMENTS

The following credits are required:

Math	4 units (required each year 9-12; including Algebra I, Geometry, and Algebra II)
Science	3 units (including Physics, Biology, and Chemistry)
English	4 units
Social Studies	3 units (including .5 Civics, .5 Economics, 1 World, and 1 U.S.)
World Language	2 units (consecutive years in the same language taken 9 - 12)
Biblical Worldview	1 unit for each year (See Biblical Worldview section for required courses)
Fine Arts	.5 unit
Physical Education	.5 unit
Health & Safety	.5 unit
Oral Communication	.5 unit
Intro to Coding	.5 unit
J-Term	.25 unit for each year enrolled

Number of Credits

Students must accumulate 28 units of credit between grades 9 - 12 if enrolled at LRCA for grades 9 - 12.

Additional Requirements

Minimum of 15 hours in Service Learning Project (must complete by March 1 of their Junior year).

Completion of ACT with scores submitted to LRCA is required for graduation.

Grading Scale and GPA Equivalent

Grading Scale		GPA Equivalent	
A+	97 - 100	A+	4.3
A	93 - 96	A	4.15
A -	90 - 92	A -	4.0
B+	87 - 89	B+	3.67
B	83 - 86	B	3.33
B -	80 - 82	B -	3.0
C+	77 - 79	C+	2.67
C	73 - 76	C	2.33
C -	70 - 72	C -	2.0
D+	67 - 69	D+	1.67
D	63 - 66	D	1.33
D -	60 - 62	D -	1.0
F	59 and below	F	0
* Percentage grades will be rounded up or down to determine letter grades. Grade point averages on high school transcripts (and also for determination of graduation honors) will be calculated using the scale above.			

ACADEMIC POLICIES & INFORMATION

Honor Roll

LRCA offers two levels of honors: Honor Roll and President's List. **Honor Roll:** Students must earn a cumulative semester GPA of 3.7. **President's List:** Students must earn a cumulative semester GPA of 4.0.

Honor Graduate Status

In order to qualify as an Honors Graduate, students must earn a cumulative, seven semester GPA of 4.0 or greater.

Valedictorian & Salutatorian

LRCA does not report a class rank on transcripts. We do, however, determine a Valedictorian and Salutatorian for graduation honors. These designations are intended to connote clear academic leadership of the first and second rank among the graduating seniors. A student must be in good standing to receive the honor. Transfer students must attend LRCA for six high school semesters. Valedictorian and Salutatorian will be calculated using overall, cumulative GPA.

Class Rank

We do not rank (except to determine graduation honors of Valedictorian and Salutatorian). Class rank does not accurately communicate a student's ability in our selective, college preparatory program. Many quality colleges, universities, and scholarship programs understand this and are used to having "no ranking" for students from strong, college preparatory programs and home school students. If communication of a student's comparison to peers is absolutely necessary, the Principal must give approval, and the minimum amount of information possible will be communicated to the organization (for example, saying the student falls in the top 20% is preferable if a comparison is essential).

Repeating a Course on Campus

All courses will be reflected on student transcripts. Students are permitted to retake the same course if the grade is below 70%. Earning a better grade does not eliminate the first grade. In the case that a lower grade is earned when a course is repeated, it will also be reflected on the transcript. Both grades will be reflected on the transcript and calculated in the student's cumulative GPA.

Failures

In the event that a student fails a course, it is the responsibility of the family to contact their grade level Assistant Principal (Andy Baxley 11/12, MaRon King 9/10) to discuss arrangements to ensure credits for graduation. Non - LRCA courses must have prior approval for credit recovery. Any courses taken to recover credit for failures will be shown on the transcript. The failed course will not be removed from the transcript.

Academic Probation

A student with two or more D's (below 70%) or one F at interim, quarter, or semester's end will be placed on academic probation. Academic probation will include a closer scrutiny of and accountability toward student achievement. LRCA desires to partner with families of students struggling academically. Administration reserves the right to place students on an individualized plan of action to support student learning if deemed necessary. This may include placing limitations on participation in extracurricular teams, clubs, groups, etc. Grade level Assistant Principals (Andy Baxley 11/12, MaRon King 9/10) work with students who have been placed on Academic Probation.

Extracurricular Eligibility

Students wishing to participate in the rich array of extracurricular opportunities LRCA offers must maintain a priority for academic success. It is expected that students attend at least two blocks during the school day if participating in after school activities such as games, practices, competitions, concerts, etc. The privilege of participating in extracurricular activities may be limited if a student is placed on academic probation. In such cases, sponsors and coaches will be in communication with the High School administrative team to monitor student progress and determine what steps are to be taken with students individually to help them maintain eligibility for particular programs.

Graduating Early

High School is designed to be a layering of four academic years, grades 9 - 12. Our expectation is that all LRCA students attend four years of high school. Deviation from this path requires extraordinary circumstances approved by the High School Principal and the Head of School in consultation with the Board of Trust, to whom is entrusted the bestowing of all the rights and privileges of a high school diploma.

Transfer Credits

Approval must be granted for all coursework from other schools to be counted toward graduation. The Office of Academic and College Counseling and Academic Dean review transcripts during the admissions process to determine type and amount of transfer credit to be recorded by the Registrar. Transfer credits only factor into graduation credit and are not used to determine GPA. This is a standard independent school practice.

Online or Off - Campus Courses

Non - LRCA courses are credited toward graduation only if approved in advance by the Principal. Contact the Academic Dean with questions.

LRCA Students on Exchange

LRCA appreciates the value of overseas exchange during the high school years. It is important for families considering an international exchange experience to plan early in order to best integrate the exchange into the student's required course of study. Because there are a variety of programs that offer cultural exchange, a complete review of a student's transcript in conjunction with the exchange program's offerings must be done to ensure that LRCA graduation requirements be met. LRCA requires that students attend regular coursework on campus during the senior year so that appropriate oversight in relation to academic requirements and college process can be given. Therefore, students desiring to participate in an overseas exchange should plan on completing the exchange prior to beginning their senior year.

International Students Attending LRCA

All international students must provide a complete transcript translated into English as part of the admissions process. Prior to admission, it will be determined if a student will be attending for credit or not for credit. A written agreement will be established on the part of the student and the Office of Admissions regarding the status of each student admitted for an exchange.

For Credit Enrollment (International Students)

International students enrolling for the purpose of gaining credits toward graduation must exhibit a level of English proficiency allowing them to fully participate in assignments in all courses in which they enroll. We reserve the right to require evidence of English proficiency by requesting scores from English proficiency tests such as TOEFL. As part of the admissions process, international students desiring LRCA credit or graduation should make known the length of their desired duration at LRCA.

Not for Credit Enrollment (International Students)

International students attending not for the purpose of gaining credits toward graduation will receive a transcript noting that coursework was modified. Not for credit exchange allows more flexibility in terms of English proficiency as well as fulfilling requirements for specific courses. However, all exchange students are expected to participate fully in the life of our school, including participating in coursework.

Transcript and Report Card Release

Report cards and transcripts will not be released unless satisfactory arrangements have been made with the Business Office concerning financial obligations.

Requesting a Transcript

All requests for transcripts must be made to the Academic and College Counselor. Most requests are made through SCOIR, and the Academic and College Counselors work with the Registrar if the institution does not accept electronic submissions. It is recommended that requests be made two school days prior to the date the transcript is needed to allow for processing time.

Semester Exams

Semester exams (or their equivalent) typically represent 20% of the semester grade. In some courses, assessments such as projects or papers are used. The schedule is posted on our website about a month before the exams occur. However, the days devoted to exams are posted on the master calendar at the start of each school year. We expect all students to sit for exams at the established times. Only in extenuating circumstances (illness, for example) do we allow students to take exams at times other than as stated on the exam schedule. The Assistant Principal must grant approval in these cases (Andy Baxley 11/12, MaRon King 9/10).

Semester Exam Exemption for Seniors

Seniors may earn exemption from semester exams. In order for students to be exempt from a semester exam in a particular course, they must have a 90% or better and not exceed the number of absences allowed for credit. Typically, culminating assessments such as projects and papers are not exempt. Teachers have the discretion to require exams if needed educationally or for evaluative purposes.

January Term (J - Term)

J - Term is designed to expand learning opportunities for students. J - Term is a required interim term between the fall and spring semesters and begins after Christmas break. Freshmen may participate in classes, some of which include service projects. A few trips are also open to freshmen. Sophomores, juniors, and seniors may work in approved internships near or far. Students may also participate in educational trips or mission trips which are announced each spring for the upcoming year. (Decisions regarding J - Term trips for 2022 will be made in the Spring/Summer due to complexities related to COVID.) Registration for internships and trips are finalized by the end of September and require a separate process from class registration. Classes are announced in mid - October and registration is completed by the end of October. The block nature of the J - Term allows for deeper relationships with teachers and small groups of students, as well as focused in - depth study and varied hands - on experiences and field trips. Some J - Term classes require a fee in order to provide needed materials or to pay for transportation and lodging costs. In addition, due to some classes being held off - campus, families may need to arrange for transportation to and from those classes. More details are released in the J - Term booklet each October.

J - Term Credit

J - Term is required each year for students enrolled at LRCA. Students receive a grade, and courses are listed on the transcript and figured into the GPA. Trips and internships require more hours and advanced planning before J - Term begins. Therefore, they typically receive more credit.

Most trips = .5 credit

Internships = .5 credit

Full Day class = .25 credit

Half day classes = .125 credit

J - Term Attendance Policy

Because of the compact nature of J - Term, each day of the J - Term experience is vital for purposes of awarding credit. In the event a student has an excused absence during J - Term, he or she will be required to complete work commensurate with what was missed during the absence. Commensurate work can take many forms, such as completing service or practice hours, completing an independent project, etc. Make - up work must be completed in an approved time frame in order for credit to be awarded.

SCHEDULING

Selecting Courses

LRCA offers a rich array of courses designed to prepare our students well for college and for life. We desire that students be good stewards of their academic gifts and achieve the best balance possible in course load. Academically speaking, a student is most successful and most content when his or her academic load is a good fit with personality, ability, availability, and present and future goals. We encourage families to discuss and consider the following during the course selection process with their Academic and College Counselor.

Counsel of Teachers

Often present and former teachers are the best resources for knowing a student as a learner. Their input can be invaluable. During the course selection process, teachers are available to students and parents to discuss the best fit for courses in their discipline. Teacher recommendation is required for many courses.

College and Career Goals

Consultation with the Academic and College Counselors is an important step to help students align coursework with individual goals related to college and career opportunity and choice. Our team of counselors works with students each year to assist in this process.

Interest and Enthusiasm

Students who are enthusiastic about a particular course of study are often the best students! We strongly encourage students to explore areas of interest and passion. Planning well can help students maximize discretionary space in their schedules to pursue academic interests.

Balance and Fit

Opportunities are maximized and students are helped most when the load, challenge, and fit with skills and interests are well - balanced. Students and parents should consider whether the mix of classes include an appropriate level of challenge and interest for the student.

Number of Classes

Students have eight (8) periods and must enroll in seven (7) classes each semester. This allows one period each semester to be used for a study hall.

Prerequisites and Appeal Process

Enrollment in some courses requires previous specified coursework, a particular grade, completion of student application or interview, required score on PSAT or other standardized test, and teacher recommendation. Prerequisites appear in the course description. If a student does not meet the prerequisites for a course (grade, test scores, teacher recommendation, etc.) and desires to make an appeal, he or she may do so through the venue established by the department in which the course is taught. Typically, this process involves the completion of an appeal form with student, teacher, and parent input. Final grades at the end of the semester are also considered. The student will be notified of whether the appeal has been granted at the end of the semester, if not sooner.

Weighted Grades

AP, honors, and concurrent enrollment courses are "weighted" on the student's transcript. An additional one point is added to the GPA when the semester grade is posted to the student's transcript for AP courses. An additional .5 is added to the GPA for honors and concurrent enrollment courses. (Example: a "B - " 3.0 in an AP class would become an "A - " 4.0 on the student's transcript when calculating the student's grade point average). It is important to note that many of the more selective colleges and universities do not use our grade point average; they often recalculate and do not weight grades, but do consider difficulty of course work in other ways. The extra point may be removed at the end of the second semester if the AP score is below 2. In the event a student transfers from a weighted course to a non - weighted course, the transfer grade is not weighted.

Honors Courses

In some cases, Honors courses are prerequisite for AP courses and will assist students desiring to enter AP courses. Prerequisites are noted in the course descriptions. Honors courses are weighted .5 in the GPA.

Time Management for Honors, AP and Concurrent Classes

It is important to consider how much time a student is able to devote to coursework outside the classroom when selecting courses, especially if involved in time - consuming after school activities. It is also important to know that college - level courses require a heavier load of independent work and work outside of class. Academic and College Counselors and parents partner together to help students select a manageable load from year to year while still encouraging growth and challenge.

Schedule Change Requests (Drop, Add, Transfer)

Students are allowed to request a schedule change within the drop/add period at the beginning of each semester. After the drop/add date, students will not be allowed to change classes unless new and unforeseen factors develop that merit such a change. LRCA does not accommodate changes based on preferred teachers. Students and parents should carefully consider courses selected for the upcoming school year. We strongly encourage reading course information in its entirety as well as speaking with teachers and Academic and College Counselors regarding which classes would be best. In the case of transferring from one level to another (AP Statistics to Statistics) the grade will be transferred as is, no additional weight is given if moving from a weighted course to an unweighted course. Drop/add/transfer procedures and permissions are performed by our Academic and College Counseling team, according to guidelines set forth by the Principal, Assistant Principals, Academic Dean, and Department Leaders.

COLLEGE CREDIT OPPORTUNITIES AT LRCA

Why take a college - level course during high school?

- Less expensive than paying full tuition for the same course in college
- Gives practice with college - level coursework and expectations
- Creates space in the college schedule to spend more time on courses related to the degree being pursued
- Enhances the high school resume
- Allows further exploration of a subject that interests and challenges you

Will my college accept the credit?

Students should read the "Credit by Exam" or "Transfer Credit" webpages of the college or university they plan to attend to make sure that credit will be granted, and if so, what type of credit. Each institution has the discretion to determine what type of credit will be accepted.

The following information explains four ways to achieve college credit while attending LRCA: Advanced Placement, concurrent enrollment, CLEP testing, and college attendance.

Advanced Placement and Concurrent Enrollment Comparison

The most common way to gain college credit is by participating in AP or concurrent enrollment courses. To help decide which is the best fit for you and your goals, the following chart offers a side - by - side comparison of some frequently asked questions.

Advanced Placement (AP) vs. Concurrent Enrollment

Advanced Placement	Concurrent Enrollment
<p>What is its purpose?</p> <p>Prepares students to pass a national, standardized exam through a year - long academically challenging course.</p>	<p>What is its purpose?</p> <p>Affords students the opportunity to earn transferable college credit through a sponsoring institution while simultaneously earning high school credit.</p>
<p>Are there any extra costs?</p> <p>Each AP exam costs \$95. The money is billed by LRCA and paid to College Board. Additional course fees for textbooks or supplies may also be associated with a course.</p>	<p>Are there any extra costs?</p> <p>Each credit hour costs between \$10 and \$105, depending on the rate charged by the University through which the course is offered. This rate is significantly cheaper than typical college rates. Parents are billed by LRCA or sponsor institution. Additional course fees for textbooks or supplies may also be associated with a course. Courses are usually three hours of college credit.</p>
<p>How am I eligible?</p> <p>Individual courses have different requirements. However, GPA, PSAT scores, and teacher recommendations are all standard requirements.</p>	<p>How am I eligible?</p> <p>Individual courses have different requirements. However, GPA, ACT scores, and teacher recommendations are all standard requirements.</p>
<p>How is credit earned?</p> <p>Students earn credit by achieving a score between 3 – 5 on the AP exam at the end of the year. Not all colleges accept AP credit, and those that do offer varying amounts of credit based on scores and specific majors.</p>	<p>How is credit earned?</p> <p>Transferable college credit by earning a C or better. Unless a student attends the sponsor institution, the credit may transfer as Pass or Fail rather than a letter grade figured into the GPA. Credit should transfer to Arkansas universities and some out of state universities as commensurate credit. Students should check their desired schools to see how the credit would transfer.</p>
<p>Is the grade weighted?</p> <p>AP courses receive a 1 point weight in the GPA if the AP exam score is 2 or higher.</p>	<p>Is the grade weighted?</p> <p>Concurrent enrollment courses receive a .5 weight in the GPA calculation.</p>
<p>Is this right for me?</p> <p>AP courses meet rigorous specifications mandated by College Board. These courses are designed to be challenging and are geared to serious students. Workload outside of class is significant.</p> <p>The AP exams are egalitarian tests, which allow students to display their competence on a national, standardized exam.</p> <p>AP courses make for competitive resumes, and high test scores provide a nationwide metric for universities to compare students within certain subjects.</p>	<p>Is this right for me?</p> <p>Concurrent enrollment courses are modified college courses, taught at LRCA by teachers with advanced degrees.</p> <p>Concurrent enrollment allows students to earn required credits and enter college with credit hours. This can free up space in college schedules to take classes more directly related to the degree the student is seeking.</p> <p>Concurrent enrollment allows students to earn college and high school credit at the same time, but it does not necessarily provide a more robust college application.</p>
<p>What's the bottom line?</p> <p>Both AP and concurrent enrollment courses require hard work, but are high reward programs. Both provide a collegiate experience at the high school level. Generally, AP is better suited for students who wish to have the most competitive college application. Concurrent enrollment is better suited for students who wish to complete required courses before entering college, allowing more time to take courses in a major or minor area or graduate early.</p>	

College - Level Examination Program (CLEP)

CLEP tests are administered through College Board and cover material from courses taken the first two years of college in 33 different subjects. Each test costs approximately \$90 and primarily consists of multiple - choice questions. They can be taken in a variety of locations including locally at UALR and UCA. Information about exams, content, testing, cost, registration, credit, etc. is found at [CLEP Test College Board](#)

What are the benefits of using CLEP for credit?

Numerous studies indicate that CLEP testing resulted in more hours taken, a quicker route to earning a degree, and a higher graduation rate. A passing score can earn between 3 to 12 hours of college credit, depending on the course and the institution.

While not provided through LRCA, CLEP testing is highly recommended as an alternate route to college credit. Any student can participate in CLEP tests, but AP students who did not earn a passing score on the exam or whose preferred institution does not recognize AP credit are strongly encouraged to participate in CLEP tests. Students who completed level III or above in Spanish or French may also consider taking CLEP test in the language.

College Attendance

It is possible for a junior or senior student to take a regular course at a local college or university. While this option is difficult logistically during the school year, it has proven to meet the needs of some students. If attending in person, students must consider only afternoon or evening courses as they must be on the LRCA campus for all community times (chapel, advisory, class meetings, etc.) Community times typically happen in the morning and during lunch. Students must apply and be accepted at the college or university before being able to pursue enrollment. Although LRCA will do everything possible to accommodate, taking classes that begin before the LRCA school day ends is difficult logistically. LRCA tuition does not include college tuition. With prior approval by the Principal, the coursework can appear on the LRCA transcript.

LRCA College Level Course Offerings

Math

AP Statistics – 2 Semesters (1 weight - 1 credit)

AP Calculus AB – 2 Semesters (1 weight - 1 credit)

AP Calculus BC – 2 Semesters (1 weight - 1 credit)

UCA MATH 1390 College Algebra – 1 Semester (1 high school math credit .5 weight, 3 hours UCA credit)

UCA MATH 1393 Trigonometry – 1 Semester (1 high school math credit .5 weight, 3 hours UCA credit)

Science and STEM

AP Physics I – 2 Semesters (1 weight - 1 credit)

AP Biology – 2 Semesters (1 weight - 1 credit)

AP Chemistry – 2 Semesters (1 weight - 1 credit)

AP Computer Science Principles – 2 Semesters (1 weight - 1 credit)

English

AP Language and Composition – 2 Semesters (1 weight - 1 credit)

AP Literature and Composition – 2 Semesters (1 weight - 1 credit)

JBU EGL 1013 English I: Composition – 1 Semester (1 high school English credit .5 weight, 3 hours JBU credit)

JBU EGL 1023 English II: Lit Analysis & Research – 1 Semester (1 high school English credit .5 weight, 3 hours JBU credit)

Communication

JBU Communications 2523 – 1 Semester (1 high school credit .5 weight; 3 hours JBU credit)

History and Social Studies

AP World History – 2 Semesters (1 weight - 1 credit)

AP United States History – 2 Semesters (1 weight - 1 credit)

AP U.S. Government and Politics – 2 Semesters (1 weight - 1 credit)

AP Psychology – 2 Semesters (1 weight - 1 credit)

AP Human Geography – 2 Semesters (1 weight - 1 credit)

AP Microeconomics – 2 Semesters (1 weight - 1 credit)

UCA HIST 2302 America in the Modern Era – 1 Semester (1 high school credit .5 weight, 3 hours UCA credit)

World Languages

LRCA strongly recommends that upon completion of their final language course at LRCA (especially after three or more years of language) students sit for a College Level Entrance Placement (CLEP) test in their target language or a placement test at their college of choice. CLEP tests allow students to earn up to 12 hours of college credit for their target language.

Biblical Worldview

OBU Core 1113 Survey of the Bible – 1 Semester (1 high school credit .5 weight, 3 hours OBU credit)

OBU Core 1123 Interpreting the Bible – 1 Semester (1 high school credit .5 weight, 3 hours OBU credit)

Fine Arts

AP Music Theory offered alternating years - 2 Semesters (1 weight - 1 credit)

AP 2D Art and Design – 2 Semesters (1 weight - 1 credit)

AP 3D Art and Design – 2 Semesters (1 weight - 1 credit)

AP Drawing – 2 Semesters (1 weight - 1 credit)

Anticipated Fees for AP and Concurrent Enrollment Courses

All college courses carry a fee. AP courses require an exam fee. Concurrent enrollment courses have a university fee. These fees are subject to change from year to year based on the institutions that issue them.

The courses also use required textbooks that parents must purchase in addition to the university fee.

AP Exam Fee - \$95 per exam. Students will be billed by LRCA Business office.

UCA University Fee - \$10 per credit hour. Students will be billed by UCA. The bill will be mailed to the student's home address after the drop/add deadline given by the Registrar.

OBU University Fee - \$100 per class. Students will be billed by LRCA Business office

JBU University Fee - \$105 per credit hour. Students will be billed by LRCA Business office.

MATHEMATICS

Mathematics Graduation Requirements: 4 credits, including Algebra I, Geometry, and Algebra II. Students must be enrolled in a math course each year in grades 9 - 12. A graphing calculator is required for all math classes.

The study of mathematics derives its purpose, meaning, and value from God. Made in the image of God, we naturally desire to know more of Him and also to understand and appreciate the genius, creativity, precision, and interrelatedness of His creation. Our God - given reasoning ability empowers and compels us to gather and interpret data, understand cause and effect, predict outcomes, strive for accuracy and precision, problem - solve and prove things evidentially. This quality sets us apart from the rest of creation. Mathematical language is used by Christians and non - Christians alike to create new technologies and industries, and to make new discoveries in medicine and science. Stewarding this reasoning ability in the minds of our students and inspiring them to use it redemptively according to Biblical morality, is the unique mission of the math department. We desire to graduate students who understand the orderliness and precision of the creation and who can employ logic and mathematical reasoning with accuracy and depth. Upon graduation, LRCA students should be confident calculators, creative problem - solvers and clear communicators in mathematical languages.

COURSE SEQUENCE			
8th Grade	Pre - Algebra	Honors Algebra I	Honors Geometry
9th Grade	Algebra I	Honors Geometry	Honors Algebra II
10th Grade	Geometry	Honors Algebra II	Hon Pre - Calculus or Pre - Calculus Statistics or AP Statistics
11th Grade	Algebra II	Hon Pre - Calculus or Pre - Calculus Statistics or AP Statistics UCA College Alg & UCA Trig	AP Calculus AB Statistics or AP Statistics UCA College Alg & UCA Trig
12th Grade	Pre - Calculus Statistics UCA College Alg & UCA Trig Intro to College Algebra Algebra III	AP Calculus AB Statistics or AP Statistics UCA College Alg & UCA Trig	AP Calculus BC Statistics or AP Statistics

To determine best fit, the following students will be given an entrance exam which will be reviewed by math teachers:

Students requesting to double in Geometry and Algebra II

Students requesting to move into Honors courses from non - Honors courses

New students requesting to take Honors or AP Math courses

Math Prerequisites Chart

Name of Course	Prerequisites
Algebra I	Pre - Algebra
Geometry	Algebra I
Honors Geometry	Algebra I or Honors Algebra I 90% Honors Algebra I; 95% Algebra I; Teacher recommendation PSAT Math Benchmark at or above grade level
Algebra II	Algebra I
Honors Algebra II	Algebra I or Honors Algebra I 90% Honors Algebra I; 95% Algebra I; Teacher recommendation PSAT Math Benchmark at or above grade level
Pre - Calculus	85% Honors Algebra II; 90% Algebra II
Honors Pre - Calculus	Algebra II or Honors Algebra II 90% Honors Algebra II; 95% Algebra II; Teacher recommendation PSAT Math Benchmark at or above grade level
UCA College Algebra	Unweighted cumulative GPA of 3.0 ACT Reading & Math 19 or Accuplacer scores of 251 Reading & 249 Math <u>before class begins in August or in January (if 2nd semester).</u> Teacher recommendation and Principal recommendation
UCA College Trigonometry	UCA College Algebra Unweighted cumulative GPA of 3.0 ACT Reading & Math 19 or Accuplacer scores of 251 Reading & 249 Math <u>before class begins in January</u> Teacher and Principal recommendation
Statistics	75% or above in Algebra II
AP Statistics	Algebra II or Honors Algebra II 90% Honors Algebra II; 95% Algebra II; Teacher recommendation PSAT Math Benchmark at or above grade level
Algebra III	Below 75% in Algebra II; Teacher recommendation
Intro to College Algebra	75% or above in Algebra II
AP Calculus AB	90% Honors Pre - Cal; 95% Pre - Cal; Teacher recommendation 29 or above on PSAT math subscore
AP Calculus BC	90% in AP Calculus AB; Teacher recommendation 29 or above on PSAT math subscore

Algebra I – 2 Semesters (1 credit)

Prerequisite: Pre - Algebra

Course Fee: None

This course is designed to introduce the symbolism and concepts of Algebra and applications to problem solving. Topics covered include solving and graphing linear equations and inequalities, an introduction to functions, analyzing linear equations, systems of linear equations and inequalities, introduction to polynomials, factoring polynomials, quadratic functions, and simplifying rational and radical expressions.

Geometry – 2 Semesters (1 credit)

Prerequisite: Algebra I

Course Fee: None

This course covers the concepts of Geometry which include the study of points, lines, planes, angles, parallel and perpendicular lines, congruent and similar triangles, other polygons, circles, and the area and perimeter of geometric figures. Additionally, students will study right triangles and will be introduced to trigonometry. Students are introduced to deductive reasoning, but focus on formal proof is reduced.

Honors Geometry – 2 Semesters (1 credit - weighted .5)

Prerequisite: 90% in Honors Algebra I; 95% in Algebra I. Teacher recommendation. PSAT Math Benchmark must be at or above grade level.

Course Fee: None

This course covers an in - depth study of the concepts of Geometry, including the study of points, lines, planes and angles, parallel and perpendicular lines, congruent and similar triangles and other polygons, circles, and the area and perimeter of geometric figures. Students are introduced to deductive reasoning with an emphasis on proficiency in the use of formal proofs.

Algebra II – 2 Semesters (1 credit)

Prerequisite: Algebra I

Course Fee: None

This course builds on and extends the principles covered in Algebra I. The students will develop skills and build understanding of basic algebra techniques. Topics include solving equations and inequalities, systems of equations and inequalities, quadratic functions and inequalities, complex numbers, polynomials, radical and rational expressions, linear and quadratic equations and inequalities, and coordinate geometry.

Honors Algebra II – 2 Semesters (1 credit - weighted .5)

Prerequisite: 90% in Honors Algebra I; 95% Algebra I. Teacher recommendation. PSAT Math Benchmark at or above grade level.

Course Fee: None

Topics covered in this course are similar to Algebra II, but at a pace and depth which would prepare the students for Honors Pre - Calculus. Additional topics such as matrix operations, exponential and logarithmic relations, and conic sections will be introduced.

Algebra III – 2 Semesters (1 credit)

Prerequisite: Below 75% in Algebra II. Teacher recommendation.

Course Fee: None

This course builds on and extends the principles covered in Algebra II. Topics covered include the most essential components of the Introduction to College Algebra course: the real number system, linear equations and inequalities in one and two variables, systems of equations and inequalities, polynomials and exponents, quadratic equations and inequalities, rational exponents and radicals, complex numbers, exponential and logarithmic functions, and matrix operations.

Introduction to College Algebra – 2 Semesters (1 credit)

Prerequisite: 75% or above in Algebra II

Course Fee: None

This course builds on and extends the principles covered in Algebra II and is designed to strengthen algebra skills so that students will experience success in advanced mathematics courses in college. Topics covered include solving various types of equations, understanding functions and their characteristics, polynomial functions, rational functions, exponential and logarithmic functions, linear systems, and matrix operations.

Pre - Calculus – 2 Semesters (1 credit)

Prerequisite: 85% in Honors Algebra II; 90% in Algebra II

Course Fee: None

This course introduces the students to the study of the six trigonometric functions as functions of the unit circle, the right triangle and of any angle. The study of trigonometry will prepare students to succeed in introductory mathematics courses in college, as well as science and computer science courses and careers. Topics covered include: review of real numbers and their properties, various functions and their graphs, exponential and logarithmic functions, right triangle trigonometry, the unit circle, graphs of trigonometric functions and inverse trigonometric functions, using fundamental identities, and solving trigonometric equations.

Honors Pre - Calculus – 2 Semesters (1 credit - weighted .5)

Prerequisite: 90% in Honors Algebra II; 95% in Algebra II. Teacher recommendation. PSAT Math Benchmark at or above grade level.

Course Fee: None

The pacing, rigor, and content of this course are designed for students who plan to take AP Calculus in high school or Calculus courses in college. This course introduces the students to the study of the six trigonometric functions as functions of the unit circle, the right triangle, and of any angle. Other topics covered include the study of various functions and their graphs, exponential and logarithmic functions, right triangle trigonometry, the unit circle, graphs of trigonometric functions, inverse trigonometric functions, using fundamental identities, and solving trigonometric equations. Like Pre - Calculus, Honors Pre - Calculus prepares students for upper - level courses and careers in math, science, and computer science; however, it is distinct from Pre - Calculus in that it introduces limits in preparation for Calculus.

UCA College Algebra 1390 – Fall Semester (1 high school credit - weighted .5; 3 hours UCA credit)

Open to: 11th - 12th **Prerequisite:** Unweighted cumulative GPA of 3.0. Teacher and Principal recommendation. **Before class begins in August, or in January (if 2nd semester),** students must attain ACT Reading & Math subscores of at least 19, or Accuplacer scores of 251 in Reading & 249 in Math.

Course Fee: \$30 (UCA tuition) + cost of textbook. Students will be billed by UCA. The bill will be mailed to the student's home address after the drop/add deadline given by the Registrar.

College Algebra meets the general education requirements by introducing students to the basic knowledge of mathematics that relates to all other areas of mathematics and applies to situations in business, the social sciences, and the natural sciences. There are four main organizing themes: functions and relations; mathematical modeling; algebraic structure; and mathematical language and representation.

UCA Trigonometry 1392 – Spring Semester (1 high school credit - weighted .5; 3 hours UCA credit)

Open to: 11th - 12th **Prerequisite:** UCA College Algebra; Unweighted cumulative GPA of 3.0. Teacher and Principal recommendation. **Before class begins in January, students must attain** ACT Reading & Math subscores of at least 19, or Accuplacer scores of 251 in Reading and 249 in Math.

Course Fee: \$30 (UCA tuition). Students will be billed by UCA. The bill will be mailed to the student's home address after the drop/add deadline given by the Registrar.

Coupled with College Algebra (MATH 1390), this course satisfies the prerequisites for Calculus I (MATH 1496). Topics include angles and triangles and their measure, graphs and applications of trigonometric functions, vectors, polar coordinates, and complex numbers.

Statistics – 2 Semesters (1 credit)**Prerequisite:** 75% or above in Algebra II**Course fee:** None

This course introduces students to statistical methods using case studies from the real world. Students will examine and organize data as a means to learn theories of statistics and probability. This course will prepare students to succeed in a college statistics course. In addition, it is intended to help students knowledgeably assess the rapidly expanding volume of statistical conclusions presented in our society. Topics covered include: organizing data, averages and variation, probability theory, normal distributions, sampling distributions, estimation, hypothesis testing, correlation and regression, and chi - square distributions.

Advanced Placement Statistics – 2 Semesters (1 credit - weighted 1)**Prerequisites:** 90% in Honors Algebra II; 95% in Algebra II. Teacher recommendation. PSAT Math Benchmark at or above grade level**Course Fee:** AP Exam Fee (\$95)

AP Statistics is a college - level course. Use of a college textbook, along with rapid progression through the curriculum, prepares the student for the AP Statistics Exam in May. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data – describing patterns and departures from patterns; sampling and experimentation – planning and conducting a study; anticipating patterns – exploring random phenomena using probability and simulation; and statistical inference – estimating population parameters and testing hypotheses. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Advanced Placement Calculus AB – 2 Semesters (1 credit - weighted 1)**Prerequisite:** 90% in Honors Pre - Cal; 95% in Pre - Cal. Teacher recommendation. 29 or above on PSAT math subscore.**Course Fee:** AP Exam Fee (\$95)

Advanced Placement Calculus AB includes a course of study comparable to that of an introductory college calculus course. Topics covered include limits and differential and integral calculus of algebraic and transcendental functions. Applications such as optimization, related rates, and area under a curve are covered.

Advanced Placement Calculus BC – 2 Semesters (1 credit - weighted 1)**Prerequisite:** 90% in AP Calculus AB. Teacher recommendation. 29 or above on PSAT math subscore.**Course Fee:** AP Exam Fee (\$95)

Advanced Placement Calculus BC is the second course in the calculus of functions of a single variable. Topics covered include applications of integration (i.e. volumes of solids of revolution), techniques of integration (i.e. integration by parts, partial fractions, and improper integrals), sequences and series, vectors and parametric equations, and polar equations.

SCIENCE AND STEM

Graduation Requirements: 3 Credits including Physics, Biology, and Chemistry.

LRCA emphasizes an inquiry - based approach to developing curiosity and wonder in the minds of students as they learn about the creation through the study of biology, physics, and chemistry. Set apart from the rest of creation and made in God's image, we reject the modern concept of man as only matter. Understanding God as creator and sustainer of the universe, and capable of suspending the laws of nature, we teach students methods of discovery, inquiry, data collection, classification and division, making inferences, drawing conclusions and communicating findings that are congruent with Scriptural principles. We desire to graduate students who understand the relationship between the Creator and the creation, man's unique place in the creation, and who have an innate curiosity about how things work the way they do. We desire to cultivate life - long learners able to use scientific principles in conjunction with Truth, making informed decisions about current issues related to science and contributing creative problem - solving to help offset the result of the brokenness of the Fall our world continues to experience.

SCIENCE SEQUENCE			
Students may take electives in science in addition to the required course each year.			
*Denotes STEM	Required Courses	Elective Options	
9th Grade	Physics or Honors Physics * Introduction to Coding	* Introduction to Engineering Design Agricultural Ecology * STEAM for Science Olympiad	
10th Grade	Chemistry or Honors Chemistry	* Introduction to Engineering Design * Principles of Engineering * Coding 2 * STEAM for Science Olympiad Agricultural Ecology	
11th Grade	One of the following: Biology Honors Biology AP Biology	* Introduction to Engineering Design * Principles of Engineering * Coding 2 * AP Computer Science * STEAM for Science Olympiad AP Physics I AP Chemistry	Anatomy & Physiology Organic Chemistry Agricultural Ecology Zoology Science Lab Assistant Health Occupations
12th Grade	Seniors may select science electives based on interest, goals, and prerequisite requirements.		
	*Introduction to Engineering Design *Principles of Engineering *Coding 2 *AP Computer Science *STEAM for Science Olympiad AP Physics I AP Chemistry	Anatomy & Physiology AP Biology Agricultural Ecology Zoology Science Lab Assistant Organic Chemistry Health Occupations	

PHYSICS, COMPUTER SCIENCE, STEM

Physics – 2 Semesters (1 credit)

Prerequisite: Pre - Algebra

Course Fee: None

This course is designed to teach the concepts of physics with less intensive mathematical requirements or advanced mathematical knowledge. Physics presents linear kinematics, the laws of motion, a brief look at thermodynamics and waves, theories of light and sound waves as well as in - depth studies of work, energy, gravity and electromagnetism. Students will also be introduced to mathematical concepts needed for advanced science classes during the Dimensional Analysis Unit. Numerous activities, demonstrations, projects and labs allow a hands - on approach to learning the concepts of physics.

Honors Physics – 2 Semesters (1 credit .5 - weight)

Prerequisite: 90% or higher in Algebra I. PSAT Math Benchmark must be at or above grade level.

Course Fee: None

This course is designed to teach the concepts of physics with a stronger emphasis on the mathematical knowledge and processes involved in physics at an appropriate level for students with an advanced aptitude for math. Honors Physics presents linear and circular kinematics, the laws of motion, a brief look at thermodynamics and waves, an in - depth investigation of theories of light and sound waves, and electrostatics. Numerous activities, demonstrations, projects and labs allow a hands - on approach to learning the concepts of physics.

Advanced Placement Physics I – 2 Semesters (1 credit - weighted 1 point)

Open to: 11th - 12th **Prerequisite:** Completion or concurrently enrolled in Trigonometry, Pre - Calculus or AP Calculus.

All students will be asked to complete a summer assignment in order to be prepared for the mathematical concepts.

Score of 30 or above on PSAT science subscore.

Course Fee: AP Exam Fee (\$95)

AP Physics is equivalent to a first - semester college Physics course. Use of a college textbook, challenging labs, and a rapid progression through the curriculum optimally prepare the student for the AP Physics Exam in May. Lab activities, an essential portion of the course, demand teamwork, problem - solving skills and well - developed lab reports. Facility in working complex word problems requires extensive homework and rigorous, time - sensitive testing. AP Physics is a mathematically intensive course that provides a foundation in mechanics and energy.

Introduction to Coding – 1 Semester (.5 credit)

Open to: All, typically taken 9th grade **Prerequisite:** None

Course Fee: None

Introduction to Coding is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem - solving, and fun. This class uses [Code.org](https://code.org)'s cloud - based environment and the beginner language Javascript to help students learn basic coding constructs and the code development process.

Coding 2 – 1 Semester (.5 credit)

Open to: 10th - 12th **Prerequisite:** Intro to Coding

Course Fee: \$50

This course builds on the beginner coding skills learned in Intro to Coding, using the Python language to further advance programming skills. This class uses the CodeHS development environment, covering the following computer science concepts: sequencing, variables, user input and output, conditionals, loops, data structures, functions and exceptions. Students will complete a semester - long project, incorporating each of these skills as the semester progresses.

Advanced Placement Computer Science Principles – 2 Semesters (1 credit weighted 1 point)

Open to: 10th - 12th **Prerequisite:** Minimum of one introductory computer science course

Course Fee: AP Exam Fee (\$95)

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real - world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. In the spring semester, students will submit a Performance Task project and take a multiple choice exam for their AP Exam score.

Introduction to Engineering Design (IED) – 2 Semesters (1 credit)

Open to: 9th - 12th

Prerequisite: None

Course Fee: None

IED is a high school engineering course in the Project Lead the Way engineering program. In IED, students explore engineering tools and apply an engineering design process to progress from completing structured activities to solving open - ended projects and problems. Through both individual work and collaboration, students will apply systems thinking and consider material selection, human - centered design, manufacturability, assemblability and sustainability. Students will develop technical skills in 3D computer modeling and will produce precise 3D - printed engineering prototypes.

Principles of Engineering (POE) – 2 Semesters (1 credit)

Open to: 10th - 12th

Prerequisite: Algebra I and Geometry, or IED and teacher recommendation

Course Fee: None

POE is a high school engineering course in the Project Lead the Way engineering program. In this survey course, students are exposed to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students explore mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. By solving rigorous and relevant design problems using engineering and science concepts within a collaborative learning environment, students hone their interpersonal skills, creative abilities, and problem solving skills. Students will also learn how to document their work and communicate their solutions.

STEAM for Science Olympiads – 1 or 2 Semesters (.5 or 1 credit)

Open to: 9th - 12th **Prerequisites:** None

Course Fee: None

Requirements: Join the Science Olympiad team and participate in the competitions

STEAM for Science Olympiads is designed to allow students to develop skills in teamwork and problem - solving, skills in high demand in the 21st century workforce. Students will participate in mock events where they forge alliances and test their design ideas and products as a way of preparing for competition with teams outside of LRCA. By combining knowledge and skills from various disciplines (Science, Technology, Engineering, Arts, and Math) students will have hands - on, active learning in a collaborative environment. Students will be able to contribute their individual strengths to the group and learn to appreciate the contributions of team members as they collaborate and compete. Students may take the course for the first semester only or for the full year.

CHEMISTRY

Chemistry – 2 Semesters (1 credit)

Open to: 10th - 12th **Prerequisite:** Algebra I

Course Fee: None

This course offers an introduction to the complex subject of chemistry. It is designed to provide a general survey of chemistry leading to a basic understanding of the nature of and changes in matter. Chemistry explores the composition of matter through its properties, its atomic structure, and the manner in which it bonds and reacts with other substances. Students will be expected to use mathematics and collect and analyze data through the use of laboratory equipment during laboratory experiences. The course focuses on fundamental concepts which responsible members of a community (local and world) should understand.

Honors Chemistry – 2 Semesters (1 credit .5 weight)

Open to: 10th - 12th **Prerequisite:** 90% in Algebra I and 90% in Honors Physics or 93% in Physics. PSAT/ACT scores are also a consideration for enrollment.

Course Fee: None

This course is the student's first substantial exposure to math - integrated science. Intensive word problems demand application of previously taught math principles. Laboratory activities require skilled problem - solving ability. The course is designed to give a solid grounding in basic chemical principles including electronic configurations, stoichiometry, acids and bases, solutions, and thermodynamics. Use of graphing calculators, electronic data collection and computers are integrated into a curriculum designed to prepare the student for college - level chemistry. This course is a prerequisite for AP Chemistry.

Organic Chemistry – 1 Semester (.5 credit)

Open to: 11th - 12th **Prerequisite:** Successful completion of Honors Chemistry

Course Fee: None

Organic Chemistry will offer students an introductory look at the special nature of carbon chemistry. Emphasis will be placed on structure, functional groups, and nomenclature as well as some important classes of organic reactions. There will be a laboratory component, which will include activities such as the synthesis of aspirin, oil of wintergreen, perfumes, and soap.

Advanced Placement Chemistry – 2 Semesters (1 credit - weighted 1 point)

Open to: 11th - 12th **Prerequisite:** 90% or above in Algebra II and 90% in Honors Chemistry. Score of 30 or above on PSAT science subscore.

Course Fee: AP Exam Fee (\$95)

AP Chemistry is a college - level course. Use of a college textbook, challenging labs and in - depth questions, along with rapid progression through the curriculum, optimally prepares the student for the AP Chemistry exam in May. The course gives a solid grounding in stoichiometry, thermochemistry, atomic structure, bonding, kinetics, electrochemistry, acids and bases, equilibrium and nuclear chemistry. The course demands extensive homework, elaborate lab reports and time - sensitive tests.

LIFE SCIENCES

Biology – 2 Semesters (1 credit)

Prerequisite: None

Course Fee: None

A survey of the important concepts of biology is presented to equip students to appreciate the intricacies of created life. It involves a study of the diversity of life from biochemistry through genetics to multicellular organisms and their interrelationships and relationship with the environment. The topic of evolution is explored and critically examined. Lab experiments provide a hands - on approach to teaching the scientific method and reinforce application of the concepts.

Honors Biology – 2 Semesters (1 credit - .5 weight)

Prerequisite: Recommendation from science teacher

Course Fee: None

Honors Biology is designed to give students an in - depth understanding of the diversity of God's creation of life. The course will delve into cellular biology, biochemical life processes, genetic inheritance, evolution, diversity of animals and plants, and the natural relationships existing between organisms and their environment. Emphasis is placed on developing students' critical thinking, conceptual abilities and designing, conducting and analyzing scientific experiments. This course is designed to prepare the student for AP Biology.

Advanced Placement Biology – 2 Semesters (1 credit - weighted 1 point)

Open to: 11th - 12th **Prerequisite:** 90% in PAP Chemistry or PAP Biology. Score of 30 or above on PSAT science subscore.

Course Fee: AP Exam Fee (\$95)

AP Biology is the equivalent of a college Biology course taken by science majors. The labs are also the equivalent of those offered at the college level. This course teaches students in - depth, factual and conceptual knowledge along with analytical skills. The main topics covered are molecules and cells, heredity and evolution, organism classification, plant and animal body systems, and community and population ecology. Students will be encouraged to critically assess scientific positions in light of Scripture and faith. Emphasis is placed on critical thinking, lab projects and reports, and preparing for the national AP Biology exam in May each year.

Zoology – 1 Semester (.5 credit)

Open to: 11th - 12th **Prerequisite:** Completion of a biology course

Course Fee: None

This course builds on knowledge gained in Chemistry and Biology through a survey of the 9 phylum of the Animal kingdom. Emphasis is on classification; comparative structure and systems; interrelatedness; and distribution and habitat. Students will consider the origin and purpose of animals within the context of God's word and engage in meaningful debate about the theories of the origins of life.

Anatomy and Physiology – 2 Semesters (1 credit)

Open to: 11th - 12th **Prerequisite:** None

Course Fee: None

Anatomy and Physiology is a great choice for students desiring a deeper understanding of the complexity and beauty of the human form. It includes an in - depth study of the micro and gross anatomy of the human body as well as a study of the physiology of the various systems. Comprehensive overviews of each major body system will cover the entire human organism. Included are several opportunities to study anatomy via dissection. While this course is especially appropriate for students considering a healthcare career, future pre - medical and pre - dentistry students should also consider taking AP Biology or AP Chemistry.

Agricultural Ecology – 1 Semester (.5 credit)**Open to:** 9th - 12th **Prerequisites:** None**Course Fee:** None

This is an introductory course for students with a strong interest in gardening, farming, or a general love of working with your hands and problem - solving. The students will be introduced to basic gardening and farming skills, design principles, crop and pest management methods, and how all of these components fit together to create an ecological system. Emphasis will be placed on sustainable and organic principles and practices as we facilitate the running of the LRCA farm to provide food for the school cafeterias.

Health Occupations – 1 Semester (.5 credit)**Open to:** 11th - 12th **Prerequisite:** None**Course Fee:** None

In this course students will explore a variety of careers in the healthcare profession. Guest speakers, field trips (in - person and virtual) will enrich their understanding of the healthcare landscape and provide real time information on what it is like to have a career in this field. Students will get the opportunity to have hands - on practice with some of the basic skills related to healthcare training such as taking blood pressure readings, patient transfers, gait instruction, first aid, CPR, and more. Perhaps most importantly students will consider how to integrate their Christian faith into a career of serving and caring for others.

Science Laboratory Assistant – 1 Semester (.5 credit)**Open to:** 11th - 12th **Prerequisite:** Completion of Honors Chemistry, or Chemistry with teacher recommendation.

Interest in science major.

Course Fee: None

Science Laboratory Assistants (LAs) are high achieving students with the goal of being a science major or working in a laboratory. LAs support the science department with laboratory organization and design, setup and tear down of lab stations, cleaning tools/instruments, clerical duties and other general classroom support services. When applicable, LAs will also provide content knowledge to support students.

ENGLISH

Graduation Requirements: 4 credits required. English electives do not meet requirements for graduation.

Language is a gift of God: characteristically human, distinguishing man from the rest of creation and uniquely reflecting one way in which we are made in God’s image. Though human language is flawed (unlike the language of God), we are yet called to communicate meaning and Truth using language. Speaking and writing in ways that honor God and respect people demonstrate good stewardship of our image - bearing responsibility. Becoming fluent readers, interpreters and appreciators of texts, and increasing in discernment and critical evaluation are literary learning essentials. We desire to graduate students who understand the power of words and employ a rich vocabulary. We wish to instill a love for reading and an appreciation for a variety of texts, inspiring students to write and speak with clarity and skill, tailoring their communication to the intended audience. LRCA graduates should be confident readers, skilled interpreters of texts, critical thinkers, discerners of Truth, and fluent communicators in the English language.

English Sequence		
9th Grade	Freshman English	Honors Freshman English
10th Grade	Sophomore English	Honors Sophomore English
11th Grade	Junior English	AP Literature & Composition AP Language & Composition
12th Grade	Senior English	AP Literature & Composition AP Language & Composition EGL 1013 (English I: Composition - John Brown University) EGL 1023 (English II: Literary Analysis - John Brown University)

Freshman English – 2 Semesters (1 credit)

Open to: 9th **Prerequisite:** None

Course Fee: None

Required Texts: Parents must purchase required paperbacks. List of titles released in May.

Freshman English develops confident readers by giving students broader and deeper understandings of various types of texts. Students will learn the characteristics of various literary genres (poetry, novel, drama, short story, and nonfiction) and will analyze each text’s purpose, style, structure, and technique. Major works include *The Odyssey*, *Julius Caesar*, *Animal Farm*, *The Pearl*, *Fahrenheit 451* and *The House on Mango Street*. In Freshman English students regularly practice supporting their ideas with textual evidence in oral and written form. Academic writing skills are refined through several literary analysis papers, short reflections, and a formal research paper. Grammar study emphasizes skills for effective and clear communication. The required summer reading assignment will be announced in May.

Honors Freshman English – 2 Semesters (1 credit .5 weight)

Open to: 9th **Prerequisite:** Yearly average of 90% from 8th English and teacher recommendation. Standardized test scores are also a consideration for enrollment.

Course Fee: None

Required Texts: Parents must purchase required paperbacks. List of titles released in May.

Through the study of various literary genres as a base (drama, poetry, short stories, and novels), emphasis is placed on critical thinking skills to discover meaning in literature. Students explore language, character, action, argument, and writing techniques. Writing will focus on the research paper, literary interpretation/analysis, and original creative explorations. In addition to a variety of short stories and poems, longer works include: *The Odyssey*, *Antigone*, *Julius Caesar*, *Animal Farm*, *The Pearl*, *Fahrenheit 451*, *The Chosen*, and *The House on Mango Street*. Honors Freshman English is designed to prepare students sequentially for AP and concurrent credit English classes. The required summer reading assignment will be announced in May.

Sophomore English – 2 Semesters (1 credit)

Open to: 10th **Prerequisite:** None

Course Fee: None

Required Texts: Parents must purchase required paperbacks. List of titles released in May.

Sophomore English exposes students to American Literature in all of its complexity. As students travel through this chronological survey, they study perspective and argumentation in order to appreciate an author's purpose and contribution to American identity. Students connect important literary figures with key ideas from the various eras (Puritans, Revolutionaries, Romantics, Naturalists, Modernists, etc.). Selected major works, including *To Kill a Mockingbird*, *The Scarlet Letter*, *The Great Gatsby*, and *A Raisin in the Sun*, provide students exposure to a number of perspectives. In addition to shorter writing assignments, students will write several essays to demonstrate skills of argumentation and research. A high emphasis is placed on students being intrinsically motivated to improve as writers, thinkers, and communicators. The required summer reading assignment will be announced in May.

Honors Sophomore English – 2 Semesters (1 credit .5 weight)

Open to: 10th **Prerequisite:** Teacher recommendation and a yearly average of 93% or higher in Freshman English or 87% or higher in Honors Freshman English. PSAT/ACT test scores are also a consideration for enrollment.

Course Fee: None

Required Texts: Parents must purchase required paperbacks. List of titles released in May.

Analytical reasoning and critical analysis skills, both literary and rhetorical, are developed through a variety of reading, writing, research and Harkness opportunities. The goal is for the students to read actively, think deeply, and write clearly, concisely, and cogently about both fiction and nonfiction literature. American literature from Puritan to contemporary works will be the basis of our study in order to facilitate students' recognition of American literature's complexity. Major works include *The Scarlet Letter*, *The Great Gatsby*, *Our Town*, *A Raisin in the Sun*, and *The Glass Menagerie*. The study will be arranged chronologically to enable students to recognize the progression and changes in literature as America has changed. Honors Sophomore English is designed to prepare students sequentially for AP and concurrent credit English classes. The summer reading assignment will be announced in May.

Junior English – 2 Semesters (1 credit)

Open to: 11th **Prerequisite:** None

Course Fee: None

Required Texts: Parents must purchase required paperbacks. List of titles released in May.

This class provides a survey of British literature, giving students a background in the history and culture of England and exposure to the development of the English language. Students will explore the depths of British Literature through prose and poetry from the Enlightenment, Romantic, Victorian, and Modern periods. Major works include *The Lord of the Flies*, *Macbeth*, *The Importance of Being Earnest*, and *Frankenstein*. Literary analysis and research are the focal points for major papers. Reading, grammar, usage, mechanics, and composition skills are integrated into each unit of study. The summer reading assignment will be announced in May.

Senior English – 2 Semesters (1 credit)

Open to: 12th **Prerequisite:** None

Course Fee: None

Required Texts: Parents must purchase required paperbacks. List of titles released in May.

Senior English helps students develop greater skill in careful reading, clear communication, and academic writing. Throughout the course students will be analyzing how writers offer hope, identifying the source of that hope and comparing it to the hope offered through Christ. First semester focus is on academic writing and research culminating in each student crafting an argument essay on a student - selected, teacher - approved social issue and presenting their findings to the class. Along the way various essays and informational texts representing multiple perspectives will be analyzed according to their content and rhetorical features. Students will build on previous knowledge of research and writing as well as learning new patterns (narrative, description, compare and contrast, definition, cause and effect, classification and division, and argument). *They Say, I Say* is the primary text first semester. Second semester students explore the human condition through literature, narrative writing, and non - fiction texts. *Night* by Elie Wiesel and *Cry the Beloved Country* by Alan Paton are the two primary texts along with supplemental short stories, poetry, and non - fiction. In the spring semester, students will analyze both *Cry, the Beloved Country* and *Night* through writing, Harkness discussion, and a critical essay. The summer assignment will be released in May.

Advanced Placement Language and Composition – 2 Semesters (1 credit - weighted 1 point)

Open to: 11th - 12th **Prerequisite:** Teacher recommendation and a yearly average of 93% or higher in Sophomore or Junior English or 87% or higher in Advanced Placement Literature and Composition or Honors Sophomore English. PSAT subscore of 28 or higher on the Writing and Language section.

Course Fee: \$110 and required paperbacks. Course fee includes a \$95 AP Exam fee and a \$15 mock exam fee. Students will receive individualized feedback from an AP reader for their mock exam.

Required Texts: Parents must purchase required paperbacks. List of titles released in May.

In AP English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. The equivalent of an introductory college - level survey class, this course prepares students for the AP exam and for college - level writing across all disciplines. Students explore a variety of nonfiction forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP Language and Composition Exam. Required paperbacks as well as the summer assignment will be announced in May.

Advanced Placement Literature and Composition – 2 Semesters (1 credit - weighted 1 point)

Open to: 11th - 12th **Prerequisite:** Prerequisites: Teacher recommendation and a yearly average of 93% or higher in Junior or Sophomore English or 87% or higher in Honors Sophomore English. PSAT subscore of 29 or higher on the Reading section.

Course Fee: \$110 and required paperbacks. Course fee includes a \$95 AP Exam fee and a \$15 mock exam fee. Students will receive individualized feedback from an AP reader for their mock exam.

Required Texts: Parents must purchase required paperbacks. List of titles and purchase options released in May.

This class emphasizes college - level reading and writing. While the short - term goal is to prepare students for the AP English Literature and Composition Exam, long - term goals are to enable students to read closely, to question intensely, to think critically, and to write persuasively. Close and active readings of major literary works provide the focus. Major works include *Heart of Darkness*, *Hamlet*, *Death of a Salesman*, *Things Fall Apart*, *The Importance of Being Earnest*, and *Their Eyes Were Watching God*. Students produce expository, analytical, and argumentative essays and also practice writing under time constraints. Other writing activities include informal journaling and reader responses. Students read one of the following Victorian novels for the summer reading assignment: *Pride and Prejudice*, *Jane Eyre*, *Wuthering Heights*, *Great Expectations*, or *A Tale of Two Cities*.

EGL 1013 English I: Composition – Fall Semester (1 high school credit - weighted .5; 3 hours JBU credit)

Open to: 12th **Prerequisite:** Unweighted GPA of 3.0, ACT of 20 composite and 20 in English, proven maturity meeting deadlines and teacher recommendation.

Course Fee: \$315 (JBU tuition) and required paperbacks

Required Texts: Parents must purchase required paperbacks. List of titles and purchase options released in May. This course prepares students for college research and academic writing. The readings and research span a variety of social issues and expose students to a variety of techniques commonly employed in academic writing. Students practice researching, understanding, and forming opinions on social issues as they interact with multiple perspectives from diverse voices. College - level research is required. The text for this course is *They Say, I Say*, along with teacher - selected readings. There are no tests and quizzes. Writing is the only form of assessment, and students will produce approximately ten essays of varying length during the semester, culminating in the final argument paper (7 - 9 pages in length). There is no senior exam exemption for this course. The summer assignment will be announced in May.

EGL 1023 English II: Literary Analysis & Research – Spring Semester (1 high school credit - weighted .5; 3 hours JBU credit)

Open to: 12th **Prerequisite:** Successful completion of EGL 1013, teacher recommendation.

Course Fee: \$315 (JBU tuition) and required paperbacks

Required Texts: Parents must purchase required paperbacks.

Reading and discussing quality literature can be one of the most rewarding and enriching ways to contemplate questions of the human heart. Critical thinking and persuasive writing skills are honed via the study and analysis of literature, including drama, novels, poetry, and short fiction. Major works include: *Oedipus Rex*, *A Doll's House*, and *Cry, the Beloved Country*. Shorter works include poems and short stories by both contemporary and classical writers and poets. Appreciating diverse voices from around the world and from various historical periods helps students understand the universality of good literature. There is no senior exam exemption for this course. Approximately 80% of the grade is based on four literary analysis papers, one for each genre. The remaining 20% is comprised of daily work and test grades.

Creative Portfolio: A Study of Storytelling, Writing and Creativity – 2 Semesters (1 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: None

Forget everything you think you know about creative writing. This course will approach storytelling and crafting creative medium through all genres and through experiential writing. By studying the great storytellers, we will craft our own work and push the boundaries of art as we unravel the mysteries surrounding creative form, character, and the human experience. The course will focus on you and your creative aspirations by beginning with your choice of form as you begin mastering your own voice, conventions, and themes. This will all culminate in the creation of your own portfolio of writing and multimedia creative work that we will work to publish in journals, anthologies and contests in Arkansas and beyond. If you are an aspiring novelist, screenwriter, poet, animator, director or artist, bring your dreams and we will work to give you a leg - up in the creative world. All great art begins with a good story. Are you brave enough to find yours?

COMMUNICATIONS

Graduation Requirements: .5 unit of Oral Communication. This requirement is met by the LRCA Oral Communication class or the JBU Com 2523 class.

Oral Communication – 1 Semester (.5 oral communication credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: None

Oral Communication is an introductory course designed to help students gain the ability to organize and present their ideas in a clear, concise, and controlled manner. Students will also improve their ability to listen and understand various audiences and to decipher and analyze the messages of others. Some areas of concentration include interpersonal and group communication, confidence building, and interviews.

Communications 2523 – 1 Semester (1 high school credit - weighted .5; 3 hours JBU credit)

Open to: 11th or 12th **Prerequisite:** Unweighted GPA of 3.0, ACT of 20 composite and 20 in English, proven maturity meeting deadlines.

Course Fee: \$315 + required text

Required Texts: Parents must purchase required paperback, *How to Argue Like Jesus* by Joe Carter and John Coleman. Students gain theoretical and applied knowledge of communication techniques, including public speaking, interpersonal communication, debate, and applied rhetorical analysis. Speeches will include extemporaneous, demonstration, impromptu, informative, persuasive, and rhetorical analysis. Students will gain factual knowledge about communication theory and history. They will demonstrate superior expression of ideas in interpersonal and written communication, as well as in speeches that are coherent, persuasive, and ethical. Additionally, they will learn to polish and perfect the delivery of oral and written messages, adapt messages to diverse audiences, and learn to effectively use visual aids and electronic presentation tools. Students will be challenged to think critically, clearly, and creatively in response to communication problems we experience in today's world and learn to analyze and evaluate ideas, arguments, and points of view in varied social, political, and cultural contexts to assess their effectiveness.

STUDENT PUBLICATIONS

Multimedia Communication – 2 Semesters (1 credit)

Open to: 9th - 12th **Prerequisite:** Approval of the instructor

Course Fee: None

This year - long course will provide creative students with a digital forum through which they can practice telling the stories of the people and issues that are important to them. Using the industry standard Adobe Creative Suites, students will learn design, layout, photography, videography, and journalistic writing techniques for print, online, social media, and other 21st century platforms. Students will explore and create in a fast - paced, structured yet free - flowing environment that is both collaborative and individually focused for the ultimate goal of publication.

Yearbook – 2 Semesters (1 credit)

Open to: 9th - 12th **Prerequisite:** Approval of the Yearbook adviser and one or more of the following skills: solid computer knowledge, familiarity with Photoshop, InDesign or other Adobe creative software programs, good photography skills, good writing ability. Samples of a student's photography, layout/design work or writing may also be requested. Students interested in Yearbook must complete and submit an application with appropriate signatures in order to be considered for competitive enrollment.

Course Fee: A fee is required for Yearbook Camp.

Under the direction of the adviser and student leaders, students in this class will work together as a team to create, produce, sell and distribute the school's yearbook. They will have the opportunity to develop skills in sales, marketing, communication, photography, graphic design, writing, interviewing and editing. Students will be held to high standards and will learn life skills as they are forced to work in a fast - paced, multi - faceted environment where meeting deadlines and managing one's time are essential to accomplishing the goal of producing a yearbook. Students selected for Yearbook will be expected to sell advertising for the current year's book and encouraged to attend a Yearbook Camp during the summer prior to the beginning of the school year.

SOCIAL STUDIES

Graduation Requirements: 3 units including 1 World History, 1 U.S. History, .5 Civics, and .5 Economics.

From a Biblical worldview, the social studies are a means by which students learn how to better love their neighbors and their God. In the reading of primary sources, the study of the world's places and cultures, the interactions between people and governments, students are better able to understand the world around them and the people that inhabit it. Through the study of economics, students learn about the study of human decision - making. In electives such as psychology, students explore the individual in light of the larger social context. Our desire is that LRCA students actively participate as informed, morally grounded citizens in local, national, and international communities using the knowledge and skills gained in our history and social studies classes to advance the kingdom of God.

COURSE SEQUENCE		
	Required	Elective Options
9th Grade	Civics	Geography AP Human Geography (qualified students) Comparative Politics International Relations Great Battles Intro to Psychology
10th Grade	World History or AP World History	Geography AP Human Geography AP Psychology (qualified students) Civil Rights in American History Comparative Politics International Relations Great Battles Intro to Psychology
11th/12th Grade	Modern American History or AP US History or UCA America in the Modern Era AND Economics or AP Microeconomics	Civil Rights in American History Comparative Politics Geography Great Battles International Relations AP Human Geography AP Psychology AP Government AP World History AP US History AP Microeconomics

ECONOMICS

Economics & Personal Finance – 1 semester (.5 credit)

Open to: 11th - 12th **Prerequisite:** None

Course Fee: None

This required course will cover micro/macroeconomics and the foundations of personal finance. Class topics include but are not limited to understanding the stock market, budgeting, building wealth, tithing, decision making, supply and demand, key economic indicators, and the role of fiscal and monetary policy in maintaining a healthy economy. The online component of this course is in compliance with AR 1280 of 2013 and personal finance is in compliance with AR 480 of 2017.

AP Microeconomics – 2 Semesters (1 weight - 1 credit)

Open to: 11th - 12th **Prerequisite:** Teacher recommendation and strong record of academic coursework in social studies and math.

Course Fee: AP Exam Fee (\$95)

AP Microeconomics is best suited for students with an interest in business and finance. This course is the study of principles of economics that apply to the behavior of individuals within an economic system. Units of study include the following: basic economic concepts, supply, demand, marginal decision - making in the context of factor markets, perfect and imperfect competition models, and the role of government in market failure. Students will use graphs, charts, and data to analyze, describe, and explain economic concepts. This course will alternate years with AP Macroeconomics.

GEOGRAPHY

World Geography – 1 Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: None

In World Geography students will learn about people, places, and the environment from a physical and cultural perspective. Students will analyze and evaluate the connection between regional and global communities. The course will emphasize practical application and examination of current events from a geographical perspective.

Advanced Placement Human Geography – 2 Semesters (1 weight - 1 credit)

Open to: 9th - 12th **Prerequisite:** Minimum of 28 on PSAT 8/9 Social Studies cross - test score or recommendation from most recent Social Studies teacher

Course Fee: AP Exam Fee (\$95)

The AP Human Geography course is equivalent to an introductory college - level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

HISTORY

World History – 2 Semesters (1 credit)

Open to: 10th - 12th **Prerequisite:** None

Course Fee: None

World History is normally taken in the 10th grade year. The course will be presented chronologically to survey the years from the Enlightenment to Decolonization after WWII with an emphasis on western civilization. Class assignments will include simulations, group projects, discussion, note - taking, and occasional writing assignments.

Modern American History – 2 Semesters (1 credit)**Open to:** 11th - 12th **Prerequisite:** None**Course Fee:** None

Modern American History begins with World War I and addresses economic and political issues of the 20th and 21st centuries. Various aspects of government are explored including a study of political systems, comparative government, and practical civics applications. An emphasis is also placed on American and world geography.

Civil Rights in American History – 1 Semester (.5 credit)**Open to:** 10th - 12th **Prerequisite:** Civics or other US Government course**Course Fee:** None

This course will provide a deeper examination of the progress and context of the Civil Rights movement in American history with special regard to the experiences of minorities. Students will explore the development and implementation of civil rights in state and federal government. The presentation of viewpoints from various people groups will highlight their unique but shared experiences. The class will be organized both chronologically and thematically, and students should expect to learn predominately through primary sources and discussions.

Great Battles and History of Civilization – 1 Semester (.5 credit)**Open to:** 9th - 12th **Prerequisite:** None**Course Fee:** None

What if Napoleon had defeated the Russians? What if the Spanish Armada had defeated the English Royal Navy? What if the Allied forces at Normandy had failed in their invasion on D - Day? Imagine Napoleon standing on frozen Russian ground, looking around at what few soldiers remained from his initial forces and wondering what went wrong. Where did he, the greatest military commander of all time, fail and what would the implications of his failure have on his empire? This course is designed to ask and answer such questions by examining how the outcome of some of the most important historical battles has impacted the events and people that came after.

America in the Modern Era: US History since 1877 (HST 2302) – Spring Semester Only (1 high school credit .5 weight, 3 hours UCA credit)**Open to:** 11th - 12th **Prerequisite:** Must have a 3.0 cumulative GPA and a 19 on the ACT Reading section and meet any other requirements from UCA**Course Fee:** Associated fee from UCA

The basic purpose of this course is to survey American history since Reconstruction. Students will take a deeper dive into US History than the standard course offering but without the associated exam of an AP course. Students will explore social and cultural themes in US History primarily through primary and secondary source readings and discussion. A total score of 70% is necessary for UCA credit to be earned.

Advanced Placement World History – 2 Semesters (1 weight - 1 credit)**Open to:** 10th - 12th **Prerequisite:** Teacher recommendation, a yearly average of 90% or above from previous Social Studies class; Score of 27 or above on PSAT social studies subscore**Course Fee:** AP Exam Fee (\$95)

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BC to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state - building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

Advanced Placement United States History – 2 Semesters (1 weight - 1 credit)

Open to: 11th - 12th **Prerequisite:** Teacher recommendation, a yearly average of 90% or above from previous history class, and completion of Civics. Score of 27 or above on PSAT social studies subscore.

Course Fee: AP Exam Fee (\$95)

AP US History is a weighted course available to juniors and seniors who wish to pursue advanced placement in history. The course will be presented chronologically to cover the years between the colonization of North America (1500s to the present). It is an in - depth and detailed study of American history and builds on the foundation laid by junior high US history courses and Civics. This course will require additional writing as well as analysis and synthesis of primary source documents. Longer and more challenging reading assignments will also be required. A summer reading assignment is required.

POLITICAL SCIENCE

Civics – 1 Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: None

This course is normally taken during the freshman year and begins with the historical context and ideas that led to the creation of the US Government. We move into studying the United States Constitution and the organization, powers, and responsibilities of each branch of government. We then examine the Bill of Rights, Amendments, political parties, and our role as citizens. Keeping up with current events is also a major portion of the course. Assignments include individual and group projects, note - taking, and class discussions.

Comparative Politics – 1 Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: None

Students will be introduced to the various types of governments that exist in the world. Students will learn about how these governments rule as well as how they affect the people that live under them. Using a variety of countries, this course will provide students with an understanding of how political power is won, lost, and managed throughout the world. Students interested in history, political science, current events, business, economics, or foreign languages would benefit from this course. Does not replace civics credit.

International Relations – 1 Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: None

Students will be introduced to the field of international relations. In particular, students will become familiar with the interactions among the various actors in the international system, including states, inter - governmental organizations (IGOs), non - governmental organizations (NGOs), and multinational corporations (MNCs). Students with an interest in business, economics, law, history, and political science will benefit from this course. Does not replace civics credit.

Advanced Placement US Government and Politics – 2 semesters (1 weight - 1 credit)

Open to: 11th - 12th **Prerequisite:** 90% or above in the current history course and teacher recommendation; Score of 29 or above on PSAT social studies subscore

Course Fee: AP Exam Fee (\$95)

AP US Government provides students with factual knowledge and analytical skills to understand and critically engage with issues and structures of the US government. The course gives students a scope of study equivalent to that provided by most introductory college US government and politics courses. A summer reading is required.

PSYCHOLOGY

Introduction to Psychology – 1 Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: None

This course introduces students to the systematic and scientific study of human behavior, including the biological and cognitive bases for normal and abnormal behavioral patterns. Students will explore these concepts through in-class research and project based assessments. Additionally, students will examine how a correct and complete view of the causes of human behavior is rooted in Scripture, through God's revelation of His creation and humanity's role in relation to Him.

Advanced Placement Psychology – 2 Semesters (1 weight - 1 credit)

Open to: 10th - 12th **Prerequisite:** Strong interest and aptitude in Chemistry and Biology. (Strongly recommend 90% or above in these courses); Score of 24 or above on PSAT social studies subscore

Course Fee: AP Exam Fee (\$95)

AP Psychology introduces students to the systematic and scientific study of human behavior, including the biological and cognitive bases for normal and abnormal behavioral patterns. Psychological theories and research will be considered in terms of defining theoretical explanations of human perception, cognition, emotion, social behavior, personality, and learning. Students will learn about the therapeutic techniques utilized by psychologists in research and practice today, along with ethical standards. This course will examine how a correct and complete view of the causes of human behavior is rooted in Scripture, through God's revelation of His creation and humanity's role in relation to Him. This course will require a rigorous schedule of reading, class discussions, and testing. A summer assignment is required.

WORLD LANGUAGES

Graduation Requirements: 2 consecutive years in the same language in grades 9 - 12. We strongly recommend that students with aptitude and interest continue their language study beyond 2 years.

Communicating in a second language and understanding the culture from which the language comes helps prepare the Christian to “go and make disciples of all nations, baptizing them in the name of the Father and of the Son and of the Holy Spirit” (Matt 28:19). Pentecost illustrates God using human language as a vehicle for redemption: communicating Truth and offsetting the confusion among cultures and languages that occurred at the Tower of Babel. As the world shrinks and diverse cultural groups increasingly interact with one another, we clearly see both the practical and kingdom benefits of learning a second language. Studying a world language helps students develop cultural IQ and appreciate cultural diversity. As students learn the language, values, traditions, and customs of a second culture, they are able to increasingly appreciate and critically think about both the differences and similarities of the cultures. We desire that LRCA students gain a broader perspective of the scope of God’s sovereignty and a deeper understanding of others through their study of a second language. These invaluable 21st century skills allow LRCA graduates to influence other cultures for kingdom good as they are exercised in contexts beyond the LRCA campus both home and abroad.

FRENCH STUDIES

French students may choose from a menu of post French II courses. These courses are designed to increase proficiency in French and are open to students who have successfully completed French II or Honors French II. Each post level II course will be conducted primarily in French.

Course Sequencing

2021 - 2021		2022 - 2023	
Fall Semester	Spring Semester	Fall Semester	Spring Semester
French II	French II	French for Travelers	French Culture
Honors French II	Honors French II	French for Travelers or Conversation	French Culture or History
French for Travelers	French Culture	Honors Conversational French	Honors Survey of French History
Honors French Children’s Literature	Honors French Grammar and Composition	Honors Conversational French	Honors Survey of French History

French I – 2 Semesters (1 credit)

Prerequisite: None

Course Fee: None

This course provides novice level instruction in pronunciation, aural/reading comprehension, vocabulary, and basic grammar of the French language. After acquiring these language skills, students will begin to progress toward basic written and spoken communication in French as well as cultural proficiency in the target language. This course will apply higher order thinking skills in performance based assessments while also supplementing perception of native language grammar and articulating basic knowledge of the Christian faith in French.

French II – 2 Semesters (1 credit)

Prerequisite: French I

Course Fee: Nominal paperback reader fee TBA

French II provides intermediate level instruction as an extension of concepts learned in French I. Students will continue to expand their understanding of listening/reading input, grammatical structures, and vocabulary. The second year of French puts a stronger emphasis on the construction of the language within thematic units that revolve around simulated personal life. Students will strengthen their French communication skills and worldview analysis skills through various projects exploring major target culture components and by focusing on the life of Jesus Christ.

Honors French II – 2 Semesters (1 credit - .5 weight)

Prerequisite: French I with teacher approval

Course Fee: Nominal paperback reader fee TBA

Honors French II provides intensified intermediate level instruction as an extension of concepts learned in French I. Students will continue to expand their understanding of authentic listening/reading input, complex grammatical structures, verb tenses, and more extensive vocabulary. The second year of French puts a stronger emphasis on the construction of the language within thematic units that revolve around authentic personal life. Students will strengthen their French communication skills and worldview analysis skills through various projects exploring major target culture components and by focusing on the life of Jesus Christ.

French for Travelers – Fall Semester (.5 credit)

Prerequisite: Honors French II or French II

Course Fee: None

This course is designed to prepare students to confidently use their language abilities on their next trip to France. Lessons will focus on phrases and vocabulary specific to the traveling experience, such as making hotel reservations, asking for directions, using public transportation, ordering food, shopping, and more. This course will also explore and familiarize students with the various tourist and geographical points of interest they will likely encounter on a trip. This course is highly recommended for students going on the J - Term trip to France.

French Culture – Spring Semester (.5 credit)

Prerequisite: Honors French II or French II

Course Fee: None

This course is designed to expose students to the rich offerings of French culture and their influences on the French lifestyle while also exploring the role of artistic creation and the concept of beauty. Lessons will focus on vocabulary and language skills specific to art, music, cuisine, fashion, and film. In addition, students will conduct research on a cultural component based on their choice. Students will develop a stronger understanding of French values and perspectives as they interact with various authentic products and practices.

Honors Conversational French – Fall Semester (.5 credit - .5 weight)

Prerequisite: Honors French II or French II with teacher approval

Course Fee: None

This course is designed to allow students to practice spoken French and will develop communicative tactics to improve oral expression and conversation. Lessons will be conducted in French and will focus on phrases and vocabulary specific to social contexts such as introductions and small talk, entertaining, slang, phone conversations, and informal debates. In addition, students will be able to reinforce their foundational understanding of the language in a more natural social setting. A willingness and desire to speak nearly exclusively in French is a must.

Honors Survey of French History – Spring Semester (.5 credit - .5 weight)

Prerequisite: Honors French II or French II with teacher approval

Course Fee: None

This course is designed to expose students to a survey of French history from the beginning of civilization to modern day France. Lessons will focus on content and readings that chronologically lay out the origin, course, and outcomes of the many key eras, paying special attention to the key figures, dates, and symbols. In addition, students will analyze the predominant religion of the French people and its effect on the French society and perspective. Students will also explore the theme of resistance as one of the core societal characteristics of the French people and the impact these short time periods had on modern culture and society.

Honors French Grammar and Composition – Fall Semester (.5 credit - .5 weight)

Prerequisite: Honors French II or French II with teacher approval

Course Fee: Nominal paperback reader fee TBA

This course is designed to reinforce and strengthen students' understanding and application of French grammar in a comprehensive manner. Lessons will be conducted in French and will focus on grammar structures such as verb conjugations and tenses, pronouns, and more, in order to facilitate fluency. In addition, students will practice and produce various forms of writings as a means to apply these grammar structures. This course takes students into a deeper understanding of their French and is intended for those with a desire to continue their French studies after high school.

Honors French Children's Literature – Spring Semester (.5 credit - .5 weight)

Prerequisite: Honors French II or French II with teacher approval

Course Fee: Nominal paperback reader fee TBA

This course is designed to expose students to the whimsical world of French Children's Literature through authentic French fairy tales, comics, as well as translated American classics. Readings, discussions and writing in the course will focus on character analysis, plot summary, and theme. Students will reinforce reading comprehension and strengthen their literary vocabulary throughout the course. In addition, students will expound on their understanding of the foundational virtues of the Christian faith by comparing authentic French tales with the accounts from the Bible. Select readings may include: "Le Petit Prince," "Le Monde de Narnia," "Astérix" and selections of "Charles Perrault's: La mère de l'oie."

SPANISH STUDIES

Spanish I – 2 Semesters (1 credit)

Prerequisite: None

Course Fee: None

Spanish I provides novice level instruction in pronunciation, aural/reading comprehension, vocabulary, and basic grammar in the Spanish Language. After acquiring these language skills, students will begin to progress toward basic written and spoken communication, as well as cultural proficiency in the target language. Students will apply higher order thinking skills on performance based assessments while also supplementing perception of native language grammar and basic knowledge of the Christian faith in Spanish.

Spanish II – 2 Semesters (1 credit)

Prerequisite: Spanish I

Course Fee: Nominal paperback reader fee TBA

Spanish II provides intermediate level instruction as an extension of concepts learned in Spanish I. Students will continue to expand their understanding of listening/reading input, grammatical structures, and vocabulary. The second year of Spanish puts a stronger emphasis on the construction of the language within thematic units that revolve around simulated personal life. Students will strengthen their Spanish communication skills and worldview analysis skills through various projects exploring major target culture components and by focusing on the life of Jesus Christ.

Honors Spanish II – 2 Semesters (1 credit - .5 weight)**Prerequisite:** Spanish I and teacher recommendation**Course Fee:** Nominal paperback reader fee TBA

Honors Spanish II provides intensified intermediate level instruction as an extension of concepts learned in Spanish I. Students will continue to expand their understanding of authentic listening/reading input, complex grammatical structures, verb tenses, and more extensive vocabulary. The second year of Spanish puts a stronger emphasis on the construction of the language within thematic units that revolve around authentic personal life. Students will strengthen their Spanish communication skills and worldview analysis skills through various projects exploring major target culture components and by focusing on the life of Jesus Christ.

Honors Spanish III – 2 Semesters (1 credit - .5 weight)**Prerequisite:** Spanish II/Honors Spanish II and teacher recommendation**Course Fee:** Nominal paperback reader fee TBA

In Honors Spanish III, students are increasingly stretched to spend more of the time in the target language. They continue to build on grammar and vocabulary gained in previous levels of Spanish through exposure to authentic materials via video clips, songs, short literary readings, and informational texts. During the fall semester, students will develop an understanding of how to navigate travel to the Spanish - speaking world. Lessons will focus on phrases and vocabulary specific to the traveling experience, such as making hotel reservations, asking for directions, using public transportation, ordering food, shopping, and more. They will also explore and familiarize students with the various tourist and geographical points of interest they will likely encounter on a trip. The spring semester focuses on Children's French Literature from Latin America. Within this context, students will develop stronger reading comprehension skills as well a stronger literary vocabulary.

Honors Spanish IV – 2 Semesters (1 credit - .5 weight)**Prerequisite:** Honors Spanish III and teacher recommendation**Course Fee:** Nominal paperback reader fee TBA

Honors Spanish IV helps students improve speaking, reading, listening, and writing skills in Spanish. Vocabulary expansion is one of the most important components of the class and occurs organically using a variety of sources: video clips, online articles, short literary readings, information texts, etc. Students practice communicating on contemporary topics and social issues with the goal of being able to engage with Spanish speakers from around the world. Facility with advanced grammar structures increases and is formally studied periodically. Assessments are holistic in nature and based on the student's ability to communicate in writing and speech in understandable ways in the target language. Reading the Bible in Spanish is a regular component of the course. Units of study include art and music, health and well - being, world conflicts and crises, and heroism. The final unit of study is determined based on student interest each year.

Honors Spanish V – 2 Semesters (1 credit - .5 weight)**Prerequisite:** Honors Spanish III and teacher recommendation**Course Fee:** Nominal paperback reader fee TBA

Much like Spanish IV, this course emphasizes practical communication through exposure to authentic materials and regular practice. The majority of the class is conducted in Spanish, and students are expected to grow in their ability to sustain a class discussion and write with increased sophistication, using idiomatic constructions and expressions and incorporating things learned in past Spanish classes. Writing practice is based on real world application and modeled after writing in college level Spanish classes. Reading and discussing the Bible in Spanish is a regular component of the course. Students read and listen to informational and literary texts and videos. Students continue to build vocabulary and gain increased facility with complex verb forms and other advanced grammar. Student interest and individual language goals provide direction throughout the year as specific units of study are designed.

BIBLICAL WORLDVIEW

Graduation Requirements: 1 unit for each year enrolled at LRCA. The information below explains the requirements for each grade level.

In Biblical Worldview, we emphasize the principle that Christian Truth permeates all areas of life, affirming God’s inspired, inerrant Word as the transcendent standard by which we understand and interpret all aspects of our existence and by which we live our lives. The doctrinal basics about God, Christ, Salvation, and man permeate each course. In the upper school, students also learn about church history and man’s intellectual history and learn to identify and analyze competing worldviews. We desire LRCA students to discern Truth and untruth not only in the academic realm, but also in the realm of popular culture. Our ultimate goal is to equip students to represent Jesus in culture through personal knowledge of God and His truth and to reflect Christ in word and action to the world around them.

Required Courses

- New Testament & Life of Christ
- Old Testament & God’s Faithfulness
- Apologetics I
- Inquiry in Worldview Frameworks

Additional Semester Courses

- Marriage and Family
- OBU Survey of Bible
- OBU Interpreting Bible
- Heretics and Heroes
- Fundamentals of the Faith
- Ethics & Culture

Grade Level	Course Sequence
	* Denotes course required for graduation
9th Grade	New Testament & Life of Christ
10th Grade	Old Testament & Faithfulness of God
11th - 12th Grade	11 th - 12 th (2 semester courses/1 BWV credit each year) *Apologetics I *Inquiry in Worldview Frameworks 2 additional BWV courses from semester offerings
10th - 12th Grade New Students	Unless an exception is granted based on knowledge of the Bible, new students will be required to complete the Sequence of Scripture course before participating in the semester courses.

Sequence of Scripture: From Creation to Completion – 1 Semester (.5 credit)

Prerequisite: None. Required for transfer students entering 10th - 12th grades

Course Fee: None

Required Text: ESV Bible (parents required to purchase)

This course is for students who enter LRCA after freshman year. It combines content from both freshman and sophomore years to provide a foundation for the upper level Biblical Worldview courses. Students will learn the story of God, his people and the gospel as seen in the Old and New Testaments. First semester focuses on the covenant relationship between God and his people (Genesis, Exodus, Samuel and Kings). Second semester focuses on the life of Christ and the early church (John, Acts, Romans, and Hebrews). In addition to gaining a greater understanding of the continuity between the Old and New Testaments, students will be challenged to embrace the truth claims grounded in the person of Jesus Christ. Seeing Jesus Christ in the Old Testament and affirming the New Testament as the continuation of God's relationship to man are primary learning goals.

New Testament and the Life of Christ – 2 Semesters (1 credit)

Prerequisite: None. Required 9th

Course Fee: None

Required Text: ESV Bible (parents required to purchase)

This introductory course focuses on the life, work, and claims of Jesus Christ. First semester consists of an in - depth study of Christ using the Gospel of John and parts of Revelation and the other Gospels. Students will read the narrative of Christ's life identifying and evaluating His claims about his identity and the evidence of these claims as found in Scripture. They will also be asked to articulate their own personal response to Jesus' claim to Divinity and the meaning of his atoning death and life - giving resurrection. Second semester will focus on Romans and several other epistles. Throughout the course students will learn what the New Testament teaches about God (Father, Son, and Holy Spirit), Man, the Bible, Sin, Salvation, and Sanctification.

Old Testament and the Faithfulness of God – 2 Semesters (1 credit)

Prerequisite: None. Required 10th

Course Fee: None

Required Text: ESV Bible (parents required to purchase)

This sophomore level course is about the story of God, His people and how Christ is seen in the Old Testament. Genesis and Exodus provide the foundation for themes of Creation, Fall, Redemption and Restoration that continue to emerge historically and in the lives of individuals in both the Old and New Testaments. Learning to see Jesus Christ in the Old Testament and affirming the New Testament as the continuation of God's relationship to man are primary learning goals. Students will increasingly see how what they learned about God (Father, Son, and Holy Spirit), Man, the Bible, Sin, Salvation, and Sanctification in the 9th grade course is exemplified in narrative form in the OT narratives. Seeing the faithfulness of God, and understanding the continuity of His Word, His promises and His purposes for His people is an overarching course goal.

Apologetics I – 1 Semester (.5 credit, required for graduation)

Open to: 11th - 12th **Prerequisite:** Completion of NT and OT courses or permission of the department.

Course Fee: None

Required Text: ESV Bible, *The Reason for God* by Tim Keller (parents required to purchase)

In order to equip students to fulfill the Bible's command to "always be prepared to make a defense to anyone who asks you for a reason for the hope that is in you," this course will explore an introduction to apologetics. We will give attention to the fundamental principles along with the strengths and weaknesses of various approaches to apologetics. This course addresses apologetical arguments regarding special creation, the existence of God, the claims of Christ, the resurrection, the reliability of the Bible, and the existence of evil.

Inquiry in Worldview Frameworks – 1 semester (.5 credit, required for graduation)

Open to: 11th - 12th

Prerequisite: Completion of NT and OT courses or permission of department.

Course Fee: None

Required Text: ESV Bible, *The Universe Next Door 6th edition* James W. Sire (parents required to purchase)

We will use *The Universe Next Door* and primary text excerpts as we embark on an adventure of defining, contrasting, and comparing worldviews including Atheism, Existentialism, New Age theories, Eastern Pantheism, Monism, Islam, and Postmodernism. This course will also include an overview of the philosophers and scientists who contributed most to 19th century Iconoclasm (Darwin, Marx, Freud, and Nietzsche), including a selection of primary texts. The influential ideas of the Modernists are compared and contrasted with those of Scripture and connected to the ideas that went before and will come after them. This class will challenge students to identify and analyze characteristics in secular and Christian society, honing the critical thinking skills that have been practiced during their years in the Biblical Worldview curriculum at Little Rock Christian Academy.

Marriage and Family – 1 Semester (.5 credit)

Open to: 11th - 12th **Prerequisite:** Completion of NT and OT courses or permission of department

Course Fee: None

Required Text: ESV Bible

What are the biblical foundations for marriage? What insight does the Bible offer on the topics of communication and conflict resolution? What is the purpose of dating? What does biblical purity actually mean, and how is a person realistically supposed to maintain purity today? How do I know whom I should marry? This one semester elective provides upperclassmen with an opportunity to explore both the ideology of God's design for marriage and the practical tools that can benefit and strengthen relationships. We focus on understanding and applying key biblical passages related to marriage and family, looking at both our lives and the current issues relevant to these topics. Through class discussions, interaction with marriage veterans, guest speakers, developing personal dating plans and compiling Bible study reference sheets students build up resources for wise living in relationships with others made in His image.

Heretics and Heroes – 1 Semester (.5 credit)

Open to: 11th - 12th **Prerequisite:** Completion of NT and OT courses or permission of department

Course Fee: None

Required Texts: ESV Bible, Notebook of Readings (parents purchase from school)

From Polycarp, Athanasius, and Augustine to Martin Luther and Dietrich Bonhoeffer, in this course students will explore the story of the people of God after the New Testament. Students will learn about the significant contributions to the Christian faith, confrontations to theological inadequacies, background to denominational divisions, and encouraging testimonies of faithful believers in Jesus. The main text for this course is *Church History in Plain Language* by Bruce Shelley, however students will also engage with primary source material.

Fundamentals of the Faith – 1 Semester (.5 credit)

Open to: 11th - 12th **Prerequisite:** Completion of NT and OT courses or permission of department

Course Fee: None

Required Text: ESV Bible, *The Essential Truths of the Christian Faith* by R.C. Sproul (parents required to purchase)

Many secular and religious systems are competing for our devotion in our culture. This course is designed to introduce and examine Christian doctrine in an effort to teach high school students what the Bible says we should believe and why it is that we believe it. The Bible is the constitution of the Christian faith and defines the Truth regarding God the Father, humankind, Christ the Son, the church, and the end times.

Ethics and Culture: Moral Thinking in an Immoral Age – 1 Semester (.5 credit)

Open to: 11th - 12th **Prerequisite:** Completion of NT and OT courses or permission of department

Course Fee: None

Required Texts: ESV Bible, *Moral Choices: An Introduction to Ethics* by Scott B. Rae (parents required to purchase)

In a culture that is ever - increasing in its moral complexity and has no shortage of opinions on what is "right," the Christian is left to ask, "Is there a framework for making moral decisions in the world?" We believe that we have a framework given in Scripture that gives sufficient light for navigating the modern world's dilemmas. This class will provide biblical foundations for making these types of decisions, as well as investigate historical Christian/Non - Christian ethical thought processes. Additionally, students will use these frameworks to examine real world dilemmas making current headline news.

Ouachita Baptist Survey of the Bible (Core 1113) – 1 Semester (1 high school credit .5 weight, 3 hours OBU credit)

Open to: 11th - 12th **Prerequisite:** GPA of 2.75 on a 4.0 scale, ACT composite score of 20 or an SAT score of 1020 (Evidence - Based Reading and Writing + Math scores)

Course Fee: \$100 + textbooks

Required Text: *Telling God's Story: The Biblical Narrative from Beginning to End* 2nd Ed. by Vang and Carter, as well as the workbook *Making Connections: Finding Your Place in God's Story* by Vang and Carter (parents required to purchase)

In this course, students will survey the redemptive story of the Bible from Genesis to Revelation, emphasizing how that story shapes the Christian's worldview and affects life decisions. By the end of the course students will understand the Biblical story and its major theological perspectives; describe the significance of the various covenants between God and his people; trace and explain the major events in God's salvation history; give an explanation for the condition of the human race and the implications of the Biblical story for that human condition; understand the Christian worldview and how it affects human life; and be provided with tools and direction to teach the story to others.

Ouachita Baptist Interpreting the Bible (Core 1123) – 1 Semester (1 high school credit .5 weight, 3 hours OBU credit)

Open to: 11th - 12th **Prerequisite:** GPA of 2.75 on a 4.0 scale, ACT composite score of 20 or an SAT score of 1020 (Evidence - Based Reading and Writing + Math scores)

Course Fee: \$100 + required textbooks

Required Text: *Grasping God's Word: A Hands - on Approach to Reading, Interpreting, and Applying the Bible* by J. Scott Duvall, and J. Daniel Hays (parents required to purchase)

Students will learn to recognize and develop valid interpretations and applications of the Bible.

FINE ARTS

Graduation Requirement: .5 unit

The Arts at Little Rock Christian seek to cultivate the interests and talents of students by providing a variety of venues for student learning, competition, and achievement. While a diverse knowledge of the arts is developed, we believe cultivating an art form also stretches and grows a student's character. In addition to creativity and expression, a study in the arts produces persistence, patience, consistency, respect, and a teachable mindset.

PERFORMING ARTS

The performing arts provide a comprehensive, balanced, and sequential learning experience in theatrical and musical arts. Performing arts programs are designed with rigorous curriculum, competition, cross - curricular experiences, and opportunities to perform through partnerships locally and abroad.

THEATRE

Theatre I: Theatre Appreciation – Fall and Spring (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: \$10

Theatre Appreciation is a one - semester course in which students develop fundamental theatre skills through academic study, hands - on experience, and projects. Students develop an understanding of basic theatre skills and the history of theatre; analyze and evaluate artistic work; and discover connections between theatrical works and societal, cultural, and historical contexts.

Theatre II: Technical Theatre – Fall and Spring (.5 credit)

Open to: 10th - 12th **Prerequisite:** Theatre I: Theatre Appreciation

Course Fee: \$15

Technical theatre is a one - semester course designed for the student interested in the non - performance side of theatre. The class will focus both on design and construction in several areas. Units include set design, set construction and painting, lighting design, hang and focus, costume design and construction, and stage makeup. Some after school and evening work is required. As part of the class you will be a part of the Technical Crew for the Fall or Spring Production. This course will allow each student to choose an area of specialization and work on a higher level.

Theatre II: Acting and Directing – Fall and Spring (.5 credit)

Open to: 10th - 12th **Prerequisite:** Theatre I: Theatre Appreciation

Course Fee: \$15

Designed for the serious theatre student, Acting and Directing develops skills in acting as well as directing and play production. Students will explore various styles of acting and rehearse scenes and monologues. Students have the opportunity to learn about the art of directing, and they have the opportunity to direct and produce. Students develop confidence in their theatrical vision and problem solving skills as they learn to work with actors and technicians to create beautiful works of art.

Foundations in Dance I – Fall Semester (.5 PE credit)

See Physical Education and Health Section

Foundations in Dance II – Spring Semester (.5 PE credit)

See Physical Education and Health Section

MUSIC

ROTATION FOR MUSIC COURSES							
Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024	Spring 2025
Warrior Band		Warrior Band		Warrior Band		Warrior Band	
Warrior Orchestra		Warrior Orchestra		Warrior Orchestra		Warrior Orchestra	
Warrior Choir		Warrior Choir		Warrior Choir		Warrior Choir	
		AP Music Theory				AP Music Theory	

Warrior Choir – 2 Semesters (1 credit)

Open to: 9th - 12th **Prerequisite:** None

Estimated Course Fee: \$25 plus concert attire for new choir members, approximately \$100

Warrior Choir is a performing ensemble that presents fall, Christmas, and spring concerts, competes in regional AAA choral competitions, and sings for a variety of audiences in Central Arkansas. Joining Warrior Choir equips students with the confidence and determination to use and develop their God - given instruments as they strive to produce a full and well - balanced choral sound. Skills taught include healthy singing technique, choral and solo singing, and applied music theory. Repertoire includes a full range of styles: madrigal, classical, foreign language, sacred, spirituals, contemporary, and Broadway. Students are encouraged to audition for all - region choir and other honors.

High School Band – 2 Semesters (1 credit)

Open to: 9th - 12th **Prerequisite:** Most students will enter High School Band with two plus years of experience, but any student that has the desire to learn a band instrument is encouraged to join the band.

Estimated Course Fee: \$100 + Uniform Fee (varies \$25 - \$100)

The Warrior Marching/Concert Band is a high school performance group that participates in ASBOA and AAA activities, presents concerts in the fall and spring, and plays for high school sporting events. Students are encouraged to audition for All - Region Band and other honors. Students enrolled in the band take a performance/mission - based trip each year. Students must participate in marching band and concert band to enroll in the class (full year).

High School Orchestra – 2 Semesters (1 credit)

Open to: 9th - 12th **Prerequisite:** Most students will enter High School Orchestra with two plus years of experience, but any student that has the desire to learn an orchestral instrument is encouraged to join the orchestra.

Estimated Course Fee: \$100 + Concert attire (\$100 new orchestra members only)

The LRCA String Orchestra is a high school performance group that participates in ASBOA and AAA activities, presents concerts in the fall and spring, and plays for various school events. Students enrolled in this class are encouraged to audition for All - Region Orchestra and for other honors. Orchestra students enjoy travel opportunities as a performance group. Orchestra is a full year class.

AP Music Theory – 2 Semesters (1 weight - 1 credit) Offered 2022/23 and 2024/25

Open to: 10th - 12th **Prerequisite:** None - However, Warrior Choir, Band, Orchestra or private piano is strongly recommended - see instructor for details.

Course Fee: AP Exam Fee (\$95)

This course instructs the serious musician on the terminology and musical structures needed for modern application. Skills developed in this course will pay dividends in students' musicianship and knowledge of written music, serving them well in any musical endeavor for many years to come. Students must be dedicated to exploring and mastering the inner mechanics of music to reach success in this course. Topics covered include music notation, key signatures, scales (basic and modal), intervals, modes, diatonic relationships, harmonic structure, ear - training, and chordal analysis. Assignments consist of written theory exercises, sight - reading, and composition projects. Students must take the AP Exam in May.

VISUAL ARTS

Little Rock Christian Academy Visual Arts seeks to refine the gift of expression and creativity reflected in each student through exemplary art instruction with depth and integrity. Students develop an appreciation for transcendent design and the ability to express truth and beauty in a variety of media. Students develop higher level problem solving skills, examine the human experience through history and culture, experiment with a wide range of design elements, and seek to glorify God through the enjoyment and development of their artwork. At Little Rock Christian Academy we believe art enriches the lives of our students and helps to develop the whole child.

ROTATION FOR INTRODUCTORY ART COURSES										
Fall 2021	Spring 2022		Fall 2022	Spring 2023		Fall 2023	Spring 2024		Fall 2024	Spring 2025
Drawing I	Painting		Drawing II	Sculpture		Drawing I	Painting		Drawing II	Sculpture
Ceramics	Ceramics		Ceramics	Ceramics		Ceramics	Ceramics		Ceramics	Ceramics
Studio Art I			Studio Art I			Studio Art I			Studio Art I	

STUDIO ARTS

Fundamentals of Drawing – 1 Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: \$20

This is an introductory level drawing course designed for the beginning student dedicated to developing observation skills and the discovery of form both from life and photographs. Students explore various drawing mediums and techniques to help the student practice skills in perceiving edges, spaces, relationships, and lights and shadows. The course covers a study of design principles, and allows for personal expression and style. Students study the beauty of God as Creator through landscape, still life, and the ordered nature of the world.

Fundamentals of Drawing II – 1 Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** Drawing, with a score of 85% or higher

Course Fee: \$20

This is an advanced level drawing course designed for students dedicated to continuing to develop skills in perception and rendering. Students will continue to master a variety of dry drawing media, as well as beginning to explore the possibilities of mixed media. Emphasis will be given to developing a personal style, with attention to student - led critique and evaluation. Students will study the potential for communication in the visual medium as an act of worship.

Fundamentals of Painting – 1 Semester (.5 credit)

Open to: 10th - 12th **Prerequisite:** Drawing or Studio Art I

Course Fee: \$35

This course is an introduction to the painting medium. Students entering this course should have a proficiency in the language of art and basic drawing techniques. Students explore a variety of painting media and techniques expanding the skills of composition, value, and color theory. Students will work primarily in acrylic with some exploration of watercolors. Students study color theory and learn to view subject matter accurately as they work from observation and photographs to create abstract, landscapes, and still life scenes. Students explore abstract composition and the emotional connection to art as worship.

Fundamentals of Sculpture – 1 Semester (.5 credit)**Open to:** 9th - 12th **Prerequisite:** None**Course Fee:** \$35

This course is an introduction to sculpture designed for students dedicated to all types of sculptural design. Students develop technical and media skills in a variety of sculptural media focusing on developing craftsmanship in construction. Students work in additive, transformative, and subtractive media. Students explore the design principles unique to sculpture in realistic, expressive, and abstract styles.

Studio Art I – 2 Semesters (1 credit)**Open to:** 9th - 12th **Prerequisite:** None**Course Fee:** \$45

This course is a year - long survey of studio art. Students explore the fundamentals of art including the principles of design, the elements of art, and basic technical skills in both 2D and 3D design. The instructor exposes students to wet, dry, mixed and sculptural mediums. Students explore the entire creative process including concept, critique, competition, and display. The instructor also uses art history and contemporary artists as an extension of learning the various media and techniques. Students expand their knowledge of composition, artistic expression, and aesthetics congruent with Biblical worldview.

Honors Studio Art II – 2 Semesters (1 credit - .5 weight)**Open to:** 9th - 12th **Prerequisite:** Studio Art I or Drawing and Painting with approval**Course Fee:** \$55

This is an advanced level course. Students entering this course should have a proficiency in the language of art and basic drawing and painting techniques. It is an in - depth continuation of the methods, mediums, and skills in Studio Art I. Students will expand their skills in artistic communication and further develop technical skill in the mediums of pencil, pastel, charcoal, India ink, acrylic and oil paint, and sculpture. Advanced projects allow attention to individual preferences in class, with an increased production pace and an emerging emphasis on mixed media. Students explore God as creator and develop aesthetics congruent with Biblical worldview through Harkness discussion and written reflection. Honors Studio Art II requires students to participate in art competitions.

Honors Studio Art III – 2 Semesters (1 credit - .5 weight)**Open to:** 10th - 12th **Prerequisite:** Studio Art II**Course Fee:** \$65

This class is an advanced - level course divided into four parts: realistic rendering, expression of feeling, thematic content, and compositional skills. Students should have proficient drawing and painting skills, emerging mastery of various media, and comfort mixing multiple media. Students expand drawing skills to include full figure drawings from live models. Students research contemporary artists, how their work connects to art history, and the innovative ways they produce art as a means of exploring printmaking, sculpture, painting, and mixed media. Honors Studio III allows students more personal freedom of artistic development emphasizing the creative process and thematic development of a series of work. Students work in both two - dimensional and three - dimensional design independently and collaboratively. Honors Studio Art III requires students to participate in art competitions and prepare work for gallery submission.

Honors Senior Portfolio – 2 Semesters (1 credit - .5 weight)**Open to:** 12th **Prerequisite:** Senior status, at least one advanced visual arts course with a score of 85% or higher, and teacher approval**Course Fee:** \$75

This class is an advanced study in the art form of the student's choice focusing on a single thematic concentration. Students work primarily in an independent setting requiring a high level of motivation and responsibility. Students create a portfolio of 20 pieces preparing students for college application, scholarship application, and pursuing art beyond high school. Students use class time in diverse ways and rigorously develop their highest potential. The students supply some various multi - media items, but the course provides the majority of materials. Honors Senior Portfolio requires students to participate in art competitions, panel review, and culminates in a final gallery display and artist talk at the end of the year. Additionally, students who have previously taken AP Studio Arts 2D, 3D, or Drawing should submit to the AP Board.

AP Studio Art: 2D Design – 2 Semesters (1 weight - 1 credit)

Open to: 10th - 12th **Prerequisite:** One year of study in 2D art course (digital, studio, drawing, or painting) OR by approval based on student portfolio review

Course Fee: AP Exam Fee (\$95) + supply fee (\$45)

AP 2D Design develops students' ability to creatively solve two - dimensional design issues, critique and evaluate work, and create a successful portfolio. Students choose an essential question, research and explore this question, and respond artistically to the chosen essential question demonstrating their depth of understanding of two - dimensional design. The course examines two areas: quality and sustained investigation. Students entering this course should be familiar with the principles of design and elements of art, have experience with multiple mediums and techniques for two - dimensional artmaking, and should be dedicated to diligent creative work. Students have the freedom to choose style, method, and medium of all work. Students must submit a portfolio to the AP Board.

AP Studio Art: 3D Design – 2 Semesters (1 weight - 1 credit)

Open to: 10th - 12th **Prerequisite:** One year of study in 3D design (Ceramics, Fundamentals of Sculpture) OR by approval based on student portfolio review

Course Fee: AP Exam Fee (\$95) + supply fee (\$60)

AP 3D Design develops students' ability to creatively solve two - dimensional design issues, critique and evaluate work, and create a successful portfolio. Students choose an essential question, research and explore this question, and respond artistically to the chosen essential question demonstrating their depth of understanding of three - dimensional design. This course examines two main areas of development: quality and sustained investigation. Students entering this course should be familiar with the principles of design and elements of art as they relate to sculpture. Students should have experience with multiple methods of sculpture - making and should be dedicated to diligent creative work. Students have the freedom to choose style, method, and material of all work. Students must submit a portfolio to the AP Board.

AP Studio Art: Drawing – 2 Semesters (1 weight - 1 credit)

Open to: 10th - 12th **Prerequisite:** One year of study in drawing art course (digital, studio, or drawing) OR by approval based on student portfolio review

Course Fee: AP Exam Fee (\$95) + supply fee (\$45)

AP Drawing develops students' technical and expressive abilities in drawing, critique and evaluate work, and create a successful portfolio. Students choose an essential question, research and explore this question, and respond artistically to the chosen essential question demonstrating their depth of understanding of drawing techniques and mastery of media. The course examines two areas: quality and sustained investigation. Students entering this course should be familiar with the principles of design and elements of art, have experience with multiple drawing mediums and techniques, and should be dedicated to diligent creative work. Students have the freedom to choose style, method, and medium of all work. Students must submit a portfolio to the AP Board.

CERAMICS

Ceramics I – 1 Semester, offered Fall or Spring (.5 credit)

Open to: 10th - 12th **Prerequisite:** None

Course Fee: \$60 supply fee

This class introduces ceramics including hand building and wheel throwing techniques. Students learn the tools, vocabulary, and methods of potters. Students learn to work with slabs, coils, and pinch methods in the beginning, moving to wheel - throwing techniques as the class progresses. Projects include mastering basic forms like a cylinder and bowl as students create both functional and decorative pieces. In all ceramics classes, students tangibly experience what the Bible means by God as the Potter and humanity as clay.

Ceramics II – 1 Semester, offered Fall or Spring (.5 credit)**Open to:** 10th - 12th **Prerequisite:** Ceramics I and faculty approval**Course Fee:** \$60 supply fee

This class continues to develop skills learned in Ceramics I. Students make functional and decorative pottery pieces. The student must receive approval from the instructor to take this advanced class. The instructor introduces advanced techniques as well as different firing methods. Expectations increase including creating pieces with handles and lids correct in form. Students have the opportunity to participate in various shows and/or competitions. A Biblical world perspective drives this class as students progress in knowledge of and experience with the creative arts.

Honors Ceramics III – 1 Semester (.5 credit)**Open to:** 10th - 12th **Prerequisite:** Ceramics I and II and faculty approval**Course Fee:** \$75 supply fee

This advanced level class continues to develop the skills learned in Ceramics I and Ceramics II with the freedom for independent study in areas of interest. The student must receive prior approval from the instructor to enroll. Students deeply explore the ideas and techniques introduced in the other ceramics classes. The instructor introduces Raku work and extruded pieces, and students experiment in sculptural design. Students develop work for exhibition and competition. A Biblical worldview dedicated to art as a way to worship our creator God is woven throughout the course.

DIGITAL DESIGN

Foundations of Magazine Publication (NCTE Literary Magazine) – 2 Semesters (1 credit)**Open to:** 9th - 12th **Prerequisite:** None**Course Fee:** \$20 supply fee

Students in the magazine publication class will use Adobe InDesign software, the industry standard for multi - page publications, to ultimately create the school's annual NCTE literary magazine. Under the direction of the adviser and student leaders, members of this class will learn to work both independently and as part of a team to collect and critique magazine submissions, create an overall design plan, design individual pages, and publish, promote, and sell the magazine. In addition to learning the basics of InDesign, students will also understand the fundamentals of digital design as well as develop skills in critiquing, editing and publishing.

PHYSICAL EDUCATION AND HEALTH

Graduation Requirements: .5 unit of Physical Education and .5 unit of Health & Safety

LRCA affirms the importance of helping students grow and develop healthy bodies through formal study and also through active participation in fitness classes and extracurricular sports. Though our bodies are affected by sin in many ways, God asks us to treat them as a temple, one that houses the Holy Spirit. With this high calling in mind, we desire to teach healthy living principles to students at age appropriate levels as they increasingly make more of their own choices in this realm. In addition to learning and practicing healthy life choices, we desire students to develop good sportsmanship and honor and respect others as they play and compete. Teaching students to serve one another and work as a team to accomplish a common goal is an invaluable life skill, as is learning how to experience the disappointment of loss with grace. Games and competitions, whether in class or outside of school, allow students to grow and develop these important life skills of resilience and humility. We desire LRCA students to develop healthy habits that serve them well now and for years to come.

Health and Safety – 1 Semester (.5 Health and Safety credit)

Open to: 9th - 12th, typically taken 9th grade year **Prerequisite:** None

Course Fee: None

Typically taken during the freshman year, Health and Safety is designed to increase student awareness of God's wonderful creation – the human being. Some basic anatomy and physiology concepts are taught. Students will receive instruction on basic first aid and CPR/AED procedures. Emphasis is on building healthy relationships, and making wise choices in order to achieve a healthy lifestyle. In a Christian context, social and spiritual health is taught along with the physical and mental aspects of living a safe and healthy lifestyle. One - half credit of Health and Safety is required for graduation.

Fitness for Females – 1 Semester (.5 P.E. credit)

Open to: Female Students 9th - 12th **Prerequisite:** None

Course Fee: None

This course will focus on learning about and practicing lifetime fitness activities that are engaging and challenging. Students will participate in a variety of lifetime fitness activities such as, aerobic dance, stretching, light weight training, circuit training, and other fitness related activities. Students will be assessed through daily participation, quizzes, and skills testing. Students will be required to dress out every class period. This class is designed to give students tools to glorify God by living a healthy lifestyle.

Fitness for Males – 1 Semester (.5 P.E. credit)

Open to: Male Students 9th - 12th **Prerequisite:** None

Course Fee: None

In this course we will focus on learning about and practicing lifetime fitness activities that are engaging and challenging. Students will participate in a variety of fitness activities such as stretching, weight training, circuit training, recreational games and other fitness related activities. Students will be assessed through daily participation, quizzes, and skills testing. Students will be required to dress out for every class period. This class is designed to give students tools to glorify God by living a healthy lifestyle.

Foundations in Dance I – Fall Semester (.5 P.E. credit)

Open to: 9th - 12th **Prerequisite:** None

Course Supplies: Jazz Shoes and Tap Shoes (new or gently used)

This course is designed to give the performer the essential training in various dance techniques, an understanding of the structure behind stage choreography, and an insight into the necessary showmanship and performance of that choreography. Students will explore various dance styles (tap, jazz, ballet, modern) through technical training and explore their historical context and artistic impact on the musical theatre genre.

Foundations in Dance II – Spring Semester (.5 P.E. credit)**Open to:** 9th - 12th **Prerequisite:** Foundations in Dance I**Course Supplies:** Jazz Shoes and Tap Shoes (new or gently used)

This course is designed to give the performer the additional training in various dance techniques, an understanding of the structure behind stage choreography, and an insight into the necessary showmanship and performance of that choreography. Students will explore various dance styles (tap, jazz, ballet, music theatre) through technical training and explore their historical context and artistic impact on the musical theatre genre. Students will participate in more advanced dances and learn how to choreograph as well.

Foundations of Sports Medicine – Fall Semester (.5 credit)**Open to:** 11th - 12th **Prerequisites:** Interest in the medical field as a possible career, completion or current enrollment in Health and Safety or Anatomy**Course Fee:** \$45

This course provides students with a general overview of athletic training, sports medicine, and its history. It includes introductory information about the athletic trainer's scope of practice: injury prevention, treatment, rehabilitation, emergency injury management, and administrative functions. This course is intended to help students gain an understanding of sports medicine, various disciplines, and the role they play in the physically active community. Students enrolled in this course will not provide direct patient care without the supervision of a certified athletic trainer.

Athletic Training – Spring Semester (.5 credit)**Open to:** 10th - 12th **Prerequisite:** Completion of Foundations of Sports Medicine, permission of the instructor**Course Fee:** None

This course provides students the opportunity to assist LRCA athletic teams and apply the hands - on skills acquired from the Foundations of Sports Medicine class. Select students will be given the option of being assigned to an athletic period where they will serve in the role of student athletic trainer/team manager for a specific sports team. While student athletic trainers/team managers will not be allowed to perform injury evaluations, they will perform injury treatments, injury and preventative taping, and wound care under the guidance of the Athletic Trainer at LRCA.

Weight Training and Cardiovascular Fitness – 1 Semester (.5 P.E. credit)**Open to:** 9th - 12th **Prerequisite:** Referral by the coach**Course Fee:** None

This course meets before school and may be a part of the required training for athletes in various sports. This course is designed to achieve and/or develop flexibility, muscular strength and endurance, cardiovascular endurance, balance and coordination. Students will learn to design a personal weight training program while being taught proper form and technique. Cardiovascular activities used in the course will include aerobics, running, walking and plyometrics. The importance of safety techniques are discussed and assessed using quizzes and tests.

Varsity Sports Credit – (.5 P.E. credit)**Open to:** Students playing sports that do not meet during the school day**Course Fee:** None

Students who participate in varsity sports will receive a one - time .5 Physical Education credit for their participation. The coach of the sport will be responsible for ensuring that the students receiving the credit have participated by taking attendance and noting participation. The credit will be reflected on the transcript only once regardless of how many seasons or how many sports a student participates in. Since the final record keeping is not complete until the end of the school year for some sports, the credit will always be reflected on the 2nd semester of the transcript.

JH Male Athletics (JHMA) – 1 - 2 Semesters (.5 - 1 P.E. credit)

Required for: 8th and 9th grade male athletes playing football or basketball

Course Fee: TBA Athletic Dept. determines fees associated with each sport from year to year.

Male students planning on being a part of the Warrior Football or Warrior Basketball teams in grades 8 - 9 will need to sign up for the JH Male Athletic Period. Although we will still need some after school practices, participation in this period during the school day will be a requirement. Students will dress out, practice, and do off - season and weight training activities. Students who move to the varsity team after the season ends in 9th grade may anticipate a schedule change in order to join the SH Male Athletic Period, which meets at a different time of day.

JH Female Athletics (JHFA) – 1 - 2 Semester (.5 - 1 P.E. credit)

Required for: 8th and 9th grade female athletes playing volleyball or basketball

Course Fee: TBA Athletic Dept. determines fees associated with each sport from year to year.

Female students planning on being a part of the Warrior Volleyball or Warrior Basketball teams in grades 8 - 9 will need to sign up for the JH Female Athletic Period. Although we will still need some after school practices, participation in this period during the school day will be a requirement. Students will dress out, practice, and do off - season and weight training activities. Students who move to the varsity team after the season ends in 9th grade may anticipate a schedule change in order to join the SH Female Athletic Period, which meets at a different time of day.

SH Male Athletics (SHMA) – 1 - 2 Semesters (.5 - 1 P.E. credit)

Required for: 10th - 12th grade male athletes playing football or basketball

Course Fee: TBA Athletic Dept. determines fees associated with each sport from year to year.

Male students planning on being a part of the Warrior Football or Warrior Basketball teams in grades 10 - 12 will need to sign up for the SH Male Athletic Period. Although we will still need some after school practices, participation in this period during the school day will be a requirement. Students will dress out, practice, and do off - season and weight training activities.

SH Female Athletics (SHFA) – 1 or 2 Semesters (1 P.E. credit)

Required for: 10th - 12th grade female athletes playing volleyball or basketball

Course Fee: TBA Athletic Dept. determines fees associated with each sport from year to year.

Female students planning on being a part of the Warrior Volleyball or Warrior Basketball teams in grades 10 - 12 will need to sign up for the SH Female Athletic Period. Although we will still need some after school practices, participation in this period during the school day will be a requirement. Students will dress out, practice, and do off - season and weight training activities.

AUDIO/VIDEO PRODUCTION ELECTIVES

Media and Production Technology Apprenticeship I – 1 Semester, offered Fall and Spring (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: None

This class offers training and hands - on application of current professional audio, video and production technology. Training in digital sound, stage and broadcast lighting, HD video and Adobe Creative Suite will enable the student to run productions campus - wide, including any Warrior Hall events (chapel, concerts, etc.), live streaming (on and off campus), and video production (pre and post). Classroom time will be split between training and live production. Homework will be minimal; however, there is an expectation of participation in a select number of after school events.

Digital Video I – Fall Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** None

Course Fee: \$25 supply fee

Digital Video I is a very hands - on course designed to introduce students to the basics of the video production process. Students will learn about pre - production, picture composition, camera angles, shot sequencing, audio, lighting, and non - linear editing. In addition to producing a number of individual projects, we will also produce several group projects. Students may need to spend some time outside of class working on these projects.

Digital Video II – Spring Semester (.5 credit)

Open to: 9th - 12th **Prerequisite:** 85% in Digital Video I

Course Fee: \$25 supply fee

Digital Video II builds on the concepts learned in Digital Video I. Students will get additional practice in honing their digital video skills. A major emphasis in level II will be learning about special effects using Adobe After Effects. Students may need to spend some time outside of class working on these projects.

Video Production Practicum – 1 Semester or 1 year (.5 credit each semester)

Open to: 11th - 12th **Prerequisite:** Students must demonstrate technical skill in filming and use of editing software as well as organizational maturity and an ability to collaborate and meet deadlines. See instructor for details and approval.

Course Fee: \$25 supply fee

This course allows selected students the opportunity to produce high quality professional video pieces to be used internally and externally on the LRCA campus. Most of the time spent will be doing hands - on tasks associated with producing video projects of various kinds. This will include filming, editing, working with campus leaders, students, and volunteers to create and produce material for online use and as well as live assemblies. Students will develop pre - production skills and learn to tailor video pieces to a particular audience in an engaging style.

ADDITIONAL ELECTIVES

Honors Senior Capstone – 2 Semesters (1 credit - .5 weight)

Open to: 12th **Prerequisite:** Complete the application process which begins during the last semester of the junior year. Students will be notified of their acceptance before school ends in May. See Mr. Foster for details.

Course Fee: None, though expenses may vary depending on the nature of the Capstone Project.

Senior Capstone is an opportunity for students to independently explore a particular topic of interest to them. The project is modeled after a summative university project or research endeavor. While a Senior Capstone project could resemble a traditional college - level thesis, students may choose to conduct their research within a proposed business model, or pursue work in the fine arts. Research may be in any academic area, but projects must have a goal of innovation in a specific field. The course will involve students working closely with the Senior Capstone Supervisor to learn research methodology, organizational strategies, as well as time management skills. In addition to the course supervisor, all students will be guided by a faculty advisor from the appropriate discipline. Each student will produce a major paper or project by spring and will ultimately present his/her findings before a committee of administration and faculty members.

Accounting Fundamentals – 2 Semesters (1 credit)

Open to: 11th - 12th **Prerequisite:** None

Course Fee: None

If considering majoring in a business - related field in college, this course is a must. College students have said this is the most helpful, college prep course for business majors. Most universities require at least one semester of accounting fundamentals for all business majors. This prep class will help students succeed in that course in college. Accounting Fundamentals covers the accounting cycle from source documents such as checks and invoices, through account identification and recording (debits and credits) to the final financial statement reporting process. Students will learn how to set up their own business (sole proprietorship), as well as partnerships and merchandising businesses. Students in this class will participate in the Stock Market Game in the fall and spring.

College Testing Preparation and Critical Thinking – 1 Semester, offered Fall and Spring (.5 credit)

Open to: 10th - 12th **Prerequisite:** None

Estimated Course Fee: Less than \$20 pending text/materials decision

This course will analyze, practice, and prepare students to do their best on college testing of all kinds, with a particular emphasis on ACT but also including PSAT and SAT. The class will cover all types of testing in general terms, but work specifically on the content, structure, and approach for the tests noted above. A significant portion of the course will introduce and practice critical thinking that will help in test taking and enhance preparation for more difficult courses in high school and college.

Practicum – 1 Semester or 1 year (.5 credit each semester)

Open to: 10th - 12th **Prerequisite:** Faculty sponsor and approval of Ms. Fullerton. Application required.

Cost: TBA depending on the nature of the practicum

Selected students may partner with an LRCA faculty or staff member for a semester or for a year in order to gain hands-on experience in an area of strong interest and aptitude. The practicum is distinguished from Teaching Assistant in that the student will be performing job tasks that are of a more professional nature. In other words, it will go far beyond grading, making copies, occasional research, reading to an EL student, etc. The practicum will provide an opportunity for students to not only explore, but also engage in activities and demonstrate through performance, the acquisition of skills related to the practicum (teaching, directing, producing). The practicum differs from Senior Capstone in that it is not relegated to seniors and not driven by a student selected research question or task. Students may not take a Practicum and technology assistant or Service in the same semester.

Technology Assistant – 1 or 2 Semesters (.5 credit each semester)

Open to: 12th **Prerequisite:** Students must apply and be selected in May. Students must submit an application to Miss Hill.

Course Fee: None

Technology Assistants will help with technology support for students and teachers. Students must be able to work well with adults and fellow students. They must be highly trustworthy and professional. They will be trained on the tech skills needed for the position. An interest in technology is helpful, and a desire to help others is required. Technology Assistants will gain experience in problem-solving, troubleshooting, and technology equipment. Credit is indicated as Pass or Fail and is not figured into the GPA. Students may not be a Technology Assistant and take Service or Practicum in the same semester.

Service – 1 or 2 Semesters (.5 credit each semester)

Open to: 12th **Prerequisite:** Students must apply and be selected in May. Students must submit an application to Mrs. Baxley.

Course Fee: None

Being a Service student here on our campus is a trusted position. Students must be able to work well with adults and fellow students. Greeting visitors to the office, answering phones professionally, maintaining confidentiality and using discretion are required. Students may also be asked to work with teachers and run errands on campus. Additionally, sanitizing and cleaning are part of the activities with which Service Workers assist. Students who serve must be highly trustworthy and professional in their demeanor and communication. Credit will be indicated as Pass or Fail and is not figured into the GPA. Students may not take Service and technology assistant or Practicum in the same semester.



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