



Academic Handbook & Course Catalog

2024 - 2025

HONORING GOD THROUGH EXCELLENCE

Concordia
ACADEMY

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About Us

What We Believe: Concordia Academy Mission Statement

Concordia Academy, a Lutheran high school, provides Christian learning opportunities that invite spiritual growth while nurturing academic excellence.

The Prayer of Concordia Academy

The prayer of Concordia Academy is that our students' "love may abound more and more in knowledge and depth of insight, so that they may be able to discern what is best and may be pure and blameless until the day of Christ, filled with righteous fruit that comes through Jesus Christ to the glory and praise of God." Phil. 1:9-11

The Philosophy of Christian Education

In Genesis 1:28, God declares that humanity is to carry on the creative work that He began. This continuing of the creative process is meant to both honor God and be a blessing to all of creation. Though humanity and creation have since been tainted by sin, this "creative commission" remains to this day. Every person is uniquely gifted with rational, moral, and artistic abilities that God wants them to develop and invest for the blessing of themselves and others. Education, at its best, helps students do this. Excellence in education honors God and inspires students.

School Accreditation

Concordia Academy is accredited by Cognia and also by the National Lutheran Schools Accreditation (NLSA). Both groups conduct regular evaluations to certify that Concordia Academy upholds their academic standards.

Admissions Policy

Concordia Academy admits students of any race, color, national and ethnic origin to all rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate in the administration of its education policies, admission policies, scholarship and loan programs, athletic, and other school-administered programs.

Block Schedule

Concordia Academy uses an alternating block schedule, with courses meeting every other day in an extended period of 85 minutes. Each semester course earns .50 high school credits.

Academics at Concordia Academy

Grading Scale

92-97	A	4.00 Points	72-77	C	2.00 Points
90-91	A-	3.67 Points	70-71	C-	1.67 Points
88-89	B+	3.33 Points	68-69	D+	1.33 Points
82-87	B	3.00 Points	62-67	D	1.00 Point
80-81	B-	2.67 Points	60-61	D-	0.67 Point
78-79	C+	2.33 Points	0-59	F	0.000 point

Grades for on-campus college classes are weighted. See the counselor for more information. An "I" (Incomplete) will normally revert to an "F" two weeks after the conclusion of a grading period. The administration or the teacher may grant exceptions if the situation warrants.

Honor Rolls

Honor rolls are published at the end of each grading period. Recognition is given each semester for Honor Roll (GPA of 3.67 or higher), Merit Roll (GPA of 3.35 to 3.66), and B Merit Roll (GPA of 3.0 to 3.3).

Academic Lettering

Concordia Academy places the utmost value on academics and learning. To recognize our students who hold themselves at a high standard of learning, CA has put the following criteria in place for a student to earn an Academic Letter:

- The student must be considered full time and have been enrolled at CA for one year.
- The student must earn a 3.65 GPA for two consecutive semesters starting his or her sophomore year. After two consecutive semesters, the student will earn one academic letter.

The first time students earn a letter, they can go to the guidance office to receive the proper jacket embellishment (the CA insignia for the front of the jacket). After initially lettering, students can purchase additional academic bars for their jacket sleeves from the suppliers of CA letter jackets.

Graduation Requirements

Twenty-six and a half credits are required for graduation. Required courses make up 21.5 graduation credits, while a minimum of 5 additional credits come from electives.

Absences, Vacation Plans, and Final Exams

The credit that Concordia Academy offers is based on more than just the work completed by the student. Credit also assumes that the student participated in the intangible elements of the class which can only occur through regular attendance. *Please see the section on Attendance in the [Parent & Student Handbook](#) for our full policies regarding absences and tardies.* Please take note that college classes have their own absence guidelines that students will need to follow. Families should use the given breaks in an academic schedule for planning vacations.

Cumulative final exams for every class are given at the end of each semester during finals week. *Final exams will only be given on the dates scheduled according to our [academic calendar](#).* Students who are absent will not be allowed to schedule a make-up exam, with the exception of an excused absence due to illness. Final exams not taken will receive a score of "0."

Map to Graduation

Use the guide below to identify a map to graduation.

	9th	10th	11th	12th	College Credit Electives
Scripture and Life 4 credits	Scripture and Life 1	Scripture and Life 2	Scripture and Life 3	Scripture and Life 4 C.S. Lewis: His Life and Writings Exploring the City Unveiled Hope--A Study of Revelation	
Social Studies 3.5 credits	Geography	Western Civilization	American History or *College American History Psychology	Government or *College Government and one elective Psychology American Eyewitness	PSY 102 Intro to Psychology PSY 230 Lifespan Developmental Psychology
English 4 credits	Hon English 1 or English 1	Hon English 2 or English 2	American Literature	Rhetoric and Speech or *COM 213 Public Speaking and one elective Film and Literature Creative Writing	ENG 121 Intro to Writing ENG 156 Intro to Lit COM 110 Intro to Comm
Math 3 credits	Pre-Algebra Algebra Geometry Advanced Algebra Honors Advanced Algebra	Algebra Geometry Adv Algebra Hon Adv Algebra Pre-Calculus	Geometry Advanced Algebra Honors Advanced Algebra Pre-Calculus	Advanced Algebra Honors Advanced Algebra Pre-Calculus	MAT 135 Calculus I MAT 146 Calculus II MAT 110 Prob and Stats
Science 3 credits	Physical Science	Biology or Hon Biology Science of Wellness	Chemistry or Honors Chemistry Science of Wellness Engineering & Robotics 1 Human Anat & Phys	Science of Wellness Engineering & Robotics 1-3 Human Anatomy & Physiology Physics	BIO 120 Unity of Life BIO 130 Diversity of Life CHE 115 General Chemistry I CHE 116 General Chemistry II
Fine Arts 2 credits	Choir * Concert Band * Strings Ensemble * Photojournalism * Fundamentals of Art * Intermediate Art * Advanced Art * Mixed Media Art * Digital Photography * Video Production				Art 161 Ceramics I ART 282 Graphic Design I ART 111 Drawing I THR 131 Improvisation
Physical Education Health 1 credit	Basic P.E.	Health Advanced P.E.	Advanced P.E. Strength and Conditioning RTPF		KHS 110 Health and Movement
Language <i>* two years recommended</i>	Spanish - Levels 1-4 / American Sign Language - Levels 1-3 / French - Levels 1-2				
Other required and elective courses	Study Hall * Innovation Lab 1, 2 * Video Production * Digital Photography * Intro to Coding				MAN 101 Intro to Business FIN 211 Coll Personal Finance CSC 240 Database Design
	Seminar	Entrepreneurship * Mentor Volunteer * Teacher Aide			
	Personal Finance				
Bolded classes are required * College level course that fulfills a required credit <i>Students enrolled in the resource program will replace a study hall with resource</i> <i>A total of 26.5 credits are required for graduation. 22 credits are required courses and the remaining 4.5 are electives.</i>					<i>College courses are optional for juniors and seniors with a minimum cumulative GPA of 3.25</i>

Course Descriptions

Additional information is available through Guidance and Counseling Services. Content of courses is subject to change, and not all courses may be scheduled in a given year.

110 FRESHMAN SEMINAR: 0.5 credit. Course Length: Semester. Grade Level: 9

Freshman Seminar is a one-semester mandatory course that instructs ninth graders on metacognitive learning in order for them to demonstrate self-reflective practices for successful academic, social and intrapersonal success. This class offers training in study skills, time management, goal setting, and social behaviors specific to the high school culture.

English Department

4.0 credits required for graduation.

129 ACADEMIC ENGLISH: 0.5 credit. Course Length: Semester. Grade Level: 9-12.

Academic English is a one-semester, Pass-Fail course designed for international students new to Concordia Academy. Students will be introduced to the US high school system and culture, expectations of American students, typical academic vocabulary, the writing process, and general questions regarding assignments. A significant amount of time is dedicated to working with students on assignments for other classes. *This class is offered as needed.*

120 A/B ENGLISH 1: 1.0 credit. Course Length: Year. Grade Level: 9.

Freshman English is the introductory course in the sequence of English classes at Concordia Academy. This class prepares students for high school level work in critical reading of literature; academic writing, including an MLA-style research paper; and public speaking. This course will both ensure that all students have sufficient English preparation for further high school work and allow students to expand their skills in critical thinking, reading, and communicating.

121 A/B HONORS ENGLISH 1: 1.0 credit. Course Length: Year. Grade Level: 9.

Honors Freshman English is the advanced introductory course in the sequence of English classes at Concordia Academy. This class prepares students for high school level work in critical reading of literature; academic writing, including an MLA-style research paper; and public speaking. Students in the honors course will write and discuss in a manner that is deeply reflective and well supported. This course will ensure that all students have sufficient English preparation for further high school work at the honors level and will enable students to expand their skills in critical thinking, reading, and communicating. (Prerequisite: reading test)

122 A/B ENGLISH 2: 1.0 credit. Course Length: Year. Grade Level: 10.

This course continues the work begun in English 1, with an emphasis on a deeper, more complex approach to reading and writing. The course concentrates on three areas: literary elements and analysis, grammar usage and vocabulary analysis, and writing, including an MLA-style extended literary essay. Students will gain an appreciation of the complexity of literature and the writing process and their response to it.

123 A/B HONORS ENGLISH 2: 1.0 credit. Course Length: Year. Grade Level: 10.

This course continues the work begun in Honors English 1, with an emphasis on a deeper, more complex approach to reading and writing. The course concentrates on three areas: literary elements and critical analysis, analysis of literary devices, grammar usage and vocabulary analysis, and writing,

including an MLA-style extended literary essay. Students are increasingly responsible for their own learning and will gain an appreciation of the complexity of literature and the writing process, and their response to it. (Prerequisite: Recommendation from English I instructor)

124 A/B AMERICAN LITERATURE: 1.0 credit. Course Length: Year. Grade Level: 11.

In this course, we examine literature from the early settlers to current American authors, studying works within the context of literary eras. Contrasting the biblical worldview with secular beliefs, students establish a firm grounding of how literature reveals God's truth and the struggles of humankind. In addition to these studies, we track the development of American English, prepare essays within different genres of writing, and use technology to create multi-media presentations. This is a challenging course that seeks to develop skills of effective reading strategies, writing for all audiences, and being able to orally articulate thoughts in clear, organized methods. (Prerequisite: English 1 and English 2).

126 RHETORIC AND PUBLIC SPEAKING: 0.5 credit. Course Length: Semester. Grade Level: 12.

Rhetoric and Public Speaking focuses on rhetorical analysis, persuasive writing, and public speaking. Students will engage deeply with news articles, essays, and other nonfiction texts to understand how they work. Further, students will discover the power of memoir, construct rhetorical arguments, and deliver speeches of various formats. Finally, a real-world context is explored as students prepare for the world of work in technical writing, promotional presentations, and interview skills. (Prerequisite: English 1 and 2, American Literature)

127 CREATIVE WRITING: 0.5 credit. Course Length: Year. Grade Level: 11-12.

Creative Writing is an elective introductory course to creative writing with a focus on prose. Students will begin to develop personal voice in refining their own craft in guided short and long spontaneous assignments. Analysis of other written work will allow writers to develop critical and editorial analysis on their own work as well as their peers. All students will be required to create a novella and compile a reflective portfolio of revised work. The main focus of the course is to conduct the student's own writing with a secondary emphasis on reading and giving feedback to peers' work. The class is a workshop where daily attendance is necessary for peer collaboration. Successful completion of freshmen and sophomore English is required before taking this course.

This class is offered every other year.

130 FILM AS LITERATURE: 0.5 credit. Course Length: Semester. Grade Level: 11-12.

This class is designed to show students how film is a form of literature. Students will be expected to understand motifs, symbols, metaphors, allusions, plot, theme, and other literary elements as they relate to both film and literature. Students will develop an appreciation for the interaction of film elements such as scripting, directing, acting, producing, lighting, sound, music, editing, cinematography, special effects, set design and costuming. Students will read select pieces of literature in conjunction with viewing film to critique, compare, and contrast the forms of literature and film.

This class is offered every other year.

331 COM 110 INTERPERSONAL COMMUNICATION: 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 11-12.

Students examine their methods of interpersonal communication in various contexts including dyadic, small group, and mediated communication. Individual activities and group work include both oral and written components. Class discussions and small group activities provide opportunities to practice and refine interpersonal communication skills. Objective exams and quizzes focus on cognitive learning of the principles and concepts in the various communication contexts.

330 COM 213 PUBLIC SPEAKING: 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 11-12.

Students prepare and deliver various types of public performances including speeches and oral

interpretation. The evaluation and criticism of speeches is studied. Videotape helps students adjust to their performance style and improve presentation delivery. Course units include speech construction, presentation and delivery, audience and text analysis, informative, persuasive and special occasion speeches as well as visual aid construction.

320 ENG 121 COLLEGE WRITING: 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 11-12.

The content of a writing course is writing. For students to become proficient writers in all disciplines, they need to learn how to read and analyze a variety of texts and then practice reading and analyzing texts from various disciplines. Through research and writing, students learn what others are saying and how to integrate those ideas into their own writing. Constant practice will guide students into developing their own voice and style. They will make conscious choices related to audience and academic conventions.

321 ENG 156 INTRODUCTION TO LITERATURE: 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 11-12.

Introduction to Literature seeks to excite students about literature; to feed students passion about literature; and to enhance their pleasure from literature. Through a variety of texts, students will encounter other members of the human community and, while in their company, learn about themselves. The course will introduce basic literary terminology.

Fine Arts Department

2.0 credits required for graduation

Visual Arts

240 FUNDAMENTALS OF ART: 0.5 credit. Course Length: Semester. Grade Level: 9-12.

Fundamentals of Art is designed to help students develop basic art skills and art appreciation. Identifying and defining the five elements of art (line, shape, value, texture, color) and the principles of art (balance, harmony, unity, emphasis, repetition, rhythm, contrast, and composition), students will build a foundation of fundamental art techniques and concepts, culminating in finished art pieces. In the process, students will also study some significant artists and their work from history that reflects the techniques and concepts being learned in class.

241 INTERMEDIATE ART: 0.5 credit. Course Length: Semester. Grade Level: 9-12.

Intermediate Art is designed to give instruction to students in three areas: drawing, painting, and three-dimensional art. Students will experience a variety of mediums and will develop the necessary abilities and techniques to create art that demonstrates an ever-improving skill set and a basic understanding of design and composition. (Prerequisite: Fundamentals of Art or Instructor Approval)

242 ADVANCED ART: 0.5 credit. Course Length: Semester. Grade Level: 10-12.

Advanced Art is designed for students who desire to deepen their understanding and skill in art. There will be a significant emphasis on drawing and painting. Students will also explore and experiment with their own style. Studying some key aspects of art history is an additional component of this course. (Prerequisite: Intermediate Art or Instructor Approval)

246 MIXED MEDIA ARTS: 0.5 credit. Course Length: Semester. Grade Level: 10-12.

This is an art class designed for students who are interested in expanding their artistic knowledge and creative process. Instead of receiving a set of guidelines for each project, a prompt will be given based on well-known artists and art styles, allowing the students to explore and grow their own style through a variety of mediums. The students will create 2-dimensional, 3-dimensional, and site specific artwork throughout this course. (Prerequisite: Intermediate Art or Instructor Approval)

245 SELECT STUDIO: 0.5 credit. Course Length: Semester. Grade Level: 10-12.

Select Studio allows advanced art students to dig deeply into a medium (or mediums) of their choice. The majority of the work is done independently. In addition, students will learn more about an artist related to their chosen medium and will do regular sketchbook work. (Prerequisite: Advanced Art and Instructor Approval)

247 A/B PHOTOJOURNALISM: 0.5 credit. Course Length: Semester. Grade Level: 9-12.

The curriculum for this class focuses on yearbook production, including development of theme, page layout, written commentary, photography, and advertising. Students will develop skills and attitudes often used in the business and work worlds, including written and oral communication, cooperation in small groups, independence, and responsibility.

446 ART 261 CERAMICS I: 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 11-12.

This introductory studio course is designed to familiarize beginning students with the fundamental techniques and concepts of contemporary ceramic art. Students will see and also investigate sculptural and vessel forms in clay, along with the relationship of drawing to the creative process. Although significant clay art history and technology will be taught, learning will be assessed primarily through portfolio production and review.

447 ART 282 GRAPHIC DESIGN I 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 11-12.

This course lays the foundations of the discipline of graphic design. The course helps students apply concepts of design and color theory into applied arts areas.

440 ART 111 DRAWING I 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 11-12.

This introductory studio course is designed to familiarize beginning students with fundamental techniques and concepts of drawing. In that basic skill building is the core of this course it is a very approachable class for non-art majors. Although some history of drawing will be presented, learning will be assessed primarily through portfolio production and review.

Musical Arts

281 A/B CHORALE 1.0 credit. Course length: Year. Grade Level: 9-12.

As needed

Chorale is the entry level high school choir. No audition is needed. Students continue learning basic music reading skills and vocal technique. Students will develop their technique while singing music arranged for mixed choirs as well as female and male voicing. This class is offered as needed.

282 A/B CONCERT CHOIR 1.0 credit. Course length: Year. Grade Level: 9-12.

Concert Choir is the auditioned varsity large group choir. Students apply vocal technique to quality choral literature, historical and contemporary, from all around the world. This is a touring choir, with a Spring Break tour scheduled on alternating years.

283 A/B HIS PEOPLE 1.0 credit. Course length: Year. Grade Level: 11-12.

His People is the auditioned chamber choir of Concordia Academy. Having developed advanced vocal skill, the students of His People combine music and faith to be ambassadors for Christ through music, in school and in the community.

285 A/B CONCERT BAND 1.0 credit. Course length: Year. Grade Level: 9-12.

The Concordia Academy Concert Band is the school's wind and percussion performing group. This band performs in concert numerous times throughout the school year.

286 A/B STRINGS ENSEMBLE 1.0 credit. Course length: Year. Grade Level: 9-12.

Concordia's string ensemble is a performance-based class, committed to pursuing excellence in

technique and musicianship. Students who play violin, viola, cello, or bass may audition for this group. Rehearsals include activities to grow personal technique, ensemble skills, theoretical understanding of music, music history, and performance experience. At the heart of this course is a desire to train worshippers for the glory of God.

Performing Arts

490 THR 131 College Improv 0.5 credit. 2 college credits. Course length: Semester. Grade Level: 11-12. This course will provide basic instruction in performance improvisational techniques for the theatre.

Foreign Language Department

It is highly recommended that students complete two years of foreign language.

200 A/B SPANISH 1 1.0 credit. Course Length: Year. Grade Level: 9-12.

Spanish I is a Comprehensible Input language course, where students acquire beginning language skills by listening and reading in order to support their subsequent output of writing and speaking in the present tense. Class time is focused upon the acquisition of high frequency structures (the most frequently used words in a language) via class discussions, stories, and cultural explorations. In addition, students will read a Spanish novel written for level 1 students.

201 A/B SPANISH 2 1.0 credit. Course Length: Year. Grade Level: 9-12.

Spanish 2 is a Comprehensible Input language course that employs TPRS strategies to surround students with language via class discussions, stories, and cultural explorations. Students will continue their acquisition of language via listening and reading but will more fully develop their skills in writing and speaking in both present and past tense. Students will also read a Spanish novel written for intermediate level students. (Prerequisite: Spanish 1 or equivalent)

202 A/B SPANISH 3 1.0 credit. Course Length: Year. Grade Level: 9-12.

Spanish 3 continues the Comprehensible Input approach to language acquisition by surrounding students in a near-immersion experience of spoken and written Spanish. This course seeks to give students the confidence to have meaningful conversations in Spanish on a variety of topics, to improve their communicative abilities through increased vocabulary and grammatical skills, and to foster an understanding and love for the people of the Spanish-speaking world through study of their cultures. Speaking, listening, reading, and writing are all emphasized. Students will also read a Spanish novel written for high intermediate learners. (Prerequisite: Spanish 2 or equivalent)

203 SPANISH 4 0.5 credit. Course Length: Semester. Grade Level: 9-12.

This semester-long course is conducted primarily in Spanish, focusing upon refining students' grammatical knowledge base and improving their communicative abilities through discussion-based learning activities and assignments. In addition, cultural studies will be addressed through a video series with an historical focus upon Latino Americans in the United States. Students will also be reading a Spanish novel appropriate for their level during the semester. (Prerequisite: Spanish 3 or equivalent)

204 A/B AMERICAN SIGN LANGUAGE 1 1.0 credit. Course Length: Year. Grade Level: 9-12.

American Sign Language 1 teaches basic signed vocabulary as well as the grammatical structure of ASL. Students learn how use of space, verb modification, and facial grammar ascribe meaning in this visual language. We will explore and discuss aspects of Deaf culture including the storied beginning of ASL and the development of a unique culture of people based on a visual way of life. Each class period offers students time to practice new vocabulary and dialogue with their classmates and teacher. By the end of the first semester, students will be able to give basic directions, describe others, exchange personal information, and describe their living situation in ASL!

205 A/B AMERICAN SIGN LANGUAGE 2 1.0 credit. Course Length: Year. Grade Level: 9-12.
American Sign Language 2 builds on what was learned in ASL 1. Students will be adding to their vocabulary and learning advanced features of ASL grammar including role shifting and characterization and their function in storytelling. Students will continue to practice fluency and comprehension through dialogue and activities. We will continue to discuss and observe culturally appropriate behavior and expectations in our classroom. By the end of this class students should feel comfortable having a basic conversation with members of the Deaf community.

206 A/B AMERICAN SIGN LANGUAGE 3 1.0 credit. Course Length: Year. Grade Level: 9-12.
American Sign Language 3 endeavors to stretch students' creativity by employing different methodologies to storytelling. We will explore cartoon characters and the efficacy of facial expressions in conveying feelings. We will use personification to give life to inanimate objects. We will explore the art of telling ABC and 123 stories through the use of different handshapes. Finally, we will research the camera angles cinematographers use to create a mood/feeling.

207 A/B FRENCH 1 1.0 credit. Course Length: Year. Grade Level: 9-12.
French 1 is a Comprehensible Input language course. In this course, students will acquire beginning language skills in French by listening and reading in order to support their subsequent output of writing and speaking in the present tense. We focus on acquiring the most frequently used words in French through games, activities, stories, movies, songs and discussions. We also explore culture in a variety of francophone countries.

208 A/B FRENCH 2 1.0 credit. Course Length: Year. Grade Level: 10-12.
French 2 is a Comprehensible Input language course where students will continue to build on their French language skills through listening and reading. Their writing and speaking skills will expand to the present and past tense. Students will acquire more spoken language through activities, movies, games, stories, songs and discussions. They will also read a French novel written for intermediate French-learners. (Prerequisite: French 1 or equivalent)

Mathematics Department

3.0 credits required for graduation.

160 A/B PRE-ALGEBRA 1.0 credit. Course Length: Year. Grade Level: 9.
Pre-Algebra provides students with an introduction to the concepts of algebra, and at the same time solidifies their grasp of arithmetic concepts and procedures. Pre-Algebra begins by connecting arithmetic and algebra through variables and variable expressions; calculating with addition, subtraction, multiplication and division; using mathematical properties; and understanding the order of operations. The major concepts of the course include an introduction to algebra, integers, equations, number theory, fractions, rational numbers, ratios, proportions and percentages.

161 A/B H.S. ALGEBRA 1.0 credit. Course Length: Year. Grade Level: 9-10.
Algebra prepares students for the upper levels of mathematics by developing logical and abstract reasoning skills. Algebra begins with a review of variables, equations, and the order of operations. The major topics of the course include combining real numbers, solving equations, functions, graphing linear equations and systems of linear equations, combining and factoring polynomials, fractions, ratios, proportions, and percentages.

162 A/B GEOMETRY 1.0 credit. Course Length: Year. Grade Level: 9-11.
Geometry is the study of shapes, sizes, and relationships in the world around us. During the course, the student will study points, lines, planes, angles, parallels, congruent figures, similar figures, triangles, circles, quadrilaterals, polygons, areas, volumes and how all these are related. In addition, throughout

the course, the students will be introduced to the concept of proof and supplying correct reasons for their answers. (Prerequisite: Algebra)

164 A/B ADVANCED ALGEBRA 1.0 credit. Course Length: Year. Grade Level: 9-12.

This course is designed to give the student a broader understanding of the real and complex number systems. Through such an understanding, the student becomes acquainted with problem solving and develops a faculty for applying this knowledge to various types of problems. Students will review real numbers, orders of operations, solving and graphing linear equations and inequalities, exponents, factoring, and relations in order to investigate functions, solving and graphing quadratics, simplifying rational expressions, exponential functions, and logarithmic functions. (Prerequisite: Algebra and Geometry)

165 A/B HONORS ADVANCED ALGEBRA 1.0 credit. Course Length: Year. Grade Level: 9-12.

This course is designed to give the student an advanced understanding of the real and complex number systems. Through such an understanding, the student becomes acquainted with thoughtful problem solving skills and develops a faculty for applying this knowledge to complex problems. Students in the honors course will have an accelerated review of real numbers, orders of operations, solving and graphing linear equations and inequalities, exponents, factoring, and relations in order to more deeply investigate functions, solving and graphing quadratics, simplifying rational expressions, exponential functions, and logarithmic functions. This course will prepare honors students for further study in higher level math courses. (Prerequisite: Algebra and Geometry)

166 A/B PRE-CALCULUS 1.0 credit. Course Length: Year. Grade Level: 9-12.

This course is designed for those students who wish to develop a more extensive background into advanced mathematics, which will provide a preparation for college courses in calculus and abstract algebra. The major emphasis of this course is the examination of the elementary functions over the real number system as they are used in mathematical modeling. Major topics to be studied include logic, finite and infinite sequences and series, limits of a sequence, polynomial functions, solving equations and inequalities, conic sections and analytic geometry, triangle trigonometry, trigonometric identities, circular functions and their graphs. A calculator will be needed for several units of study. (Prerequisite: Algebra, Geometry, Advanced Algebra - Honors Advanced Algebra Recommended)

361 MAT 135 COLLEGE CALCULUS I 1.0 credit; 4 college credits. Course Length: Semester. Grade Level: 11-12.

This course explores the concepts of limit and continuity, investigates techniques of differentiation and its applications, introduces integration, and provides the framework for the Fundamental Theorem. (Prerequisite: Minimum grade of C- in MAT 125 or level 3 placement on the Math Placement Exam)

362 MAT 146 COLLEGE CALCULUS II 1.0 credit; 4 college credits. Course Length: Year. Grade Level: 11-12.

This course is a continuation of MAT 135. Topics covered include techniques of integration, an introduction to differential equations, sequences and series and applications of these concepts. Other topics include parametric equations, polar equations, and conic sections. Students will be introduced to a computer algebra system. (Prerequisite: Minimum grade of C- in MAT 135 or equivalent)

360 MAT 110 COLLEGE INTRO TO PROBABILITY AND STATS 0.5 credit; 3 college credits.

Course Length: Semester. Grade Level: 11-12.

Statistics are used around us every day, even though we may not realize it. MAT 110 is designed to give students the tools and the confidence to correctly use and interpret statistics and understand their significance in the world.

Physical Education and Health Department

1.0 credit required for graduation

220 A/B BASIC PHYSICAL EDUCATION 1.0 credit. Course Length. Year. Grade Level: 9-11.

In basic physical education, the student is introduced to a myriad of physical activities, team and individual sports, recreational activities, and fitness activities. These are foundational to a healthy, physically active lifestyle. Basic physical education modules are prerequisites for the advanced physical education and resistance training/personal fitness classes.

222 ADVANCED PHYSICAL EDUCATION 0.5 credit. Course Length. Semester. Grade Level: 10-12.

The emphasis in this course is lifetime sports and recreational activities such as: golf, badminton, paddleball, volleyball, dance, archery, tennis, and fitness education with occasional team sports units.

221 HEALTH 0.5 credit. Course Length. Semester. Grade Level: 10-12.

The course is designed to motivate students to want the fullness of life God has designed for us in our total person. It strives to give some tools to enable this and prevent the pain and misery associated with the main causes of death, disease, and dysfunction in America. Health analyzes many of the decisions that affect the total person from the “God spot” to the mental, emotional, physical, and social aspects of our being. We see our life on earth as inextricably woven into our relationship to our all-wise, almighty, sovereign, creator God and His plan for us as His own.

223 RESISTANCE TRAINING--PERSONAL FITNESS (RTPF) 0.5 credit. Course Length. Semester. Grade Level: 11-12.

Resistance Training--Personal Fitness (RTPF) is a high-level elective course designed to require self-directed students to generate goals and a workout plan to meet general fitness or sports metabolic performance desires. (Prerequisite: 1 credit PE, and instructor permission)

225 STRENGTH AND CONDITIONING 0.25 credit. Course Length. Semester. Grade Level: 11-12.

Introduces principles of strength and conditioning to improve fitness, health and overall wellness. Provides knowledge and skills needed to perform safe and effective strength and conditioning workouts. Explores basic principles of strength training techniques, exercise modifications, development of personal strength training programs, and current fitness trends. Promotes strength and conditioning for the prevention of disease and life-long fitness and well-being. Discusses and focuses on programming and periodization for athletic development and sports performance. (Prerequisite: 1 credit PE)

420 KHS 110 COLLEGE HEALTH AND HUMAN MOVEMENT 0.5 credit. 3 college credits.

Course Length. Semester. Grade Level: 11-12.

This course will provide you with the opportunity to assess your current lifestyle while examining major public health issues. You will be exposed to a broad range of consumer issues and information relating to various aspects of healthy living. Through critical analysis and reflection of engaging in health-conscious behaviors, you will learn how to develop strategies for improving your own wellness. Come join this wellness journey.

Science Department

3.0 credits required for graduation.

180 A/B PHYSICAL SCIENCE: INTRODUCTION TO STEM 1.0 credit. Course length: Year. Grade Level: 9.

The STEM subjects (science, technology, engineering, and mathematics) are applied to unit studies and lab experiences carefully designed to show their relevance and interrelatedness. The student is

introduced to the basic terminology, ideas, and tools that scientists use to solve problems and answer questions posed by nature itself. Areas of study include motion and energy, atomic structure, matter, and reactions involving matter.

181 A/B BIOLOGY 1.0 credit. Course length: Year. Grade Level: 10.

Biology studies the complexity of God's creation. The first half focuses on the chemistry of life and the processes, parts, and functions of cells. The second half involves a study of heredity, the diversity of organisms, and the interdependence of life. Students will discuss and question the assumptions of the theory of evolution. The Biblical account of creation and the Flood will be taught as the basis for the origin of life.

182 A/B HONORS BIOLOGY 1.0 credit. Course length: Year. Grade Level: 10.

Honors Biology studies the complexity of God's creation. It is an accelerated, in-depth first year biology class with extensive laboratory work. The course focuses on the processes, parts, and function of cells, heredity, and the characteristics, functions, relationships, and values of all forms of life. Students will also discuss and question the assumptions of the theory of evolution. The Biblical account of creation and the Flood will be taught as the basis for the origin of life. (Prerequisite: "B+" or higher in Physical Science and instructor's permission)

183 A/B CHEMISTRY 1.0 credit. Course length: Year. Grade Level: 11.

Chemistry is the study of God's order in how matter is put together and how it changes its identity. It is a first course in the study of chemistry that teaches the basics in preparation for college chemistry. Topics include: measurement, calculations, atomic structure, bonding, chemical equations, stoichiometry, gas laws, and concentration of solutions, acids, and bases. (Prerequisite: Algebra)

184 A/B HONORS CHEMISTRY 1.0 credit. Course length: Year. Grade Level: 11.

Honors Chemistry is the study of God's order in how matter is put together and how it changes its identity. It is an accelerated, in-depth first course in the study of chemistry that teaches the basics in preparation for a student taking chemistry in college. Topics include: measurements, calculations, atomic structure, bonding, chemical equations, and stoichiometry, gas laws, concentration of solutions, acids-base, thermochemistry, equilibrium, and redox reactions. (Prerequisite: 'B' or higher in Algebra and Geometry or permission of instructor)

186 A/B PHYSICS 1.0 credit. Course length: Year. Grade Level: 11-12.

Activities in this course center around the transformation of matter and energy; there is a particular emphasis on mechanics and dynamics. Stress is placed upon measurement, mathematics of physics, problem solving, real-world activities, and the understanding of the "how and why." Students will be making in-depth predictions as to event outcomes, then experimenting to learn how well this prediction matches the results. (Prerequisite: Advanced Algebra.)

187 A/B HUMAN ANATOMY AND PHYSIOLOGY 1.0 credit. Course length: Year. Grade Level: 11-12.

The Anatomy & Physiology course is designed for students who have a strong interest in the structure (anatomy) and function (physiology) of the human body. An overview of the structure and function of the various organ systems is included, as well as the ways in which the organ systems are interconnected as a working whole. This course is well suited for students who wish to pursue a career in the health related field.

190 A/B ENGINEERING AND ROBOTICS 1.0 credit. Course length: Year. Grade Level: 10-12.

This course provides opportunities for both theory and practice of robotic and remote sensing systems, as well as electronics. Students will explore logic, autonomous robot control, mechanical systems, and information systems through the design and construction of robots and electronic devices. During the year, each student will build and control robots, as well as compete on a team against other schools in VEX Robotics Competitions. In the latter months students will identify & use basic electronic

components and welding systems. (Prerequisite: Physical Science)

191 A/B & 192 A/B ENGINEERING AND ROBOTICS 2 & 3 0.5 credit. Course Length: Semester.
Grade Level: 11-12.

This course is taught concurrently with Engineering and Robotic 1 and is taught Fall Semester only. Students will engage in robot building and preparation for robotics competition. (Prerequisite: Engineering and Robotics 1)

185 A/B SCIENCE OF WELLNESS 0.5 credit. Course Length: Semester. Grade Level: 10-12.
Science of Wellness stresses the importance of all aspects of total health throughout a person's lifetime. Students will explore the crucial role that eating a nutritious diet plays in their overall health. It also highlights the importance of incorporating physical activity as part of your daily routine. In addition, the topics of digestion, My Plate, sources and functions of nutrients, weight management, and the difference in nutrition for all stages of life will be covered. The course will empower students to learn lifesaving first aid skills by working through the CPR in Schools: First Aid program published by the American Heart Association.

381 BIO 120 COLLEGE BIOLOGY I: GENERAL BIOLOGY I 0.5 credit; 4 college credits.
Course length: Semester. Grade Level: 11-12.

Unity of Life. This course emphasizes inquiry and investigation while introducing students to the unifying theories of modern biological science. Topics considered include foundational mechanisms of matter, energy, cells, genetics, and reproduction. The course is comprised of lectures, readings, discussions, written assignments, online assignments, and a laboratory component. (Recommended prerequisite: one year of high school biology)

382 BIO 130 COLLEGE BIOLOGY II: GENERAL BIOLOGY II 0.5 credit; 4 college credits.
Course length: Semester. Grade Level: 11-12 *As needed*.

Diversity of Life. This course evaluates the current hypotheses explaining the origin, development, and maintenance of the Earth's biodiversity. The major lineages of life are surveyed and compared at the organismal level by considering evolutionary relationships between structure and function. The course consists of lectures, readings, discussions, written assignments, online assignments, and a laboratory component. (Recommended prerequisite: one year of high school biology)

383 CHE 115 COLLEGE GENERAL CHEMISTRY I 0.5 credit; 4 college credits. Course length:
Semester. Grade Level: 12.

The content of this course is a systematic introduction to the conceptual and symbolic aspects of chemistry. Critical and quantitative thought is practiced, as applied to the topics of measurement, formula and equation writing, stoichiometry, atomic structure and periodicity, bonding and molecular geometry, gasses, phases and phase changes. There is also a brief introduction to Organic Chemistry. Three lectures and one two-hour laboratory period per week. (Prerequisites: High school chemistry and one year of algebra or consent of instructor)

384 CHE 116 COLLEGE GENERAL CHEMISTRY II 0.5 credit; 4 college credits. Course length:
Semester. Grade Level: 12. *As needed*.

Continuation of General Chemistry I. Solutions and colligative properties, equilibrium, thermodynamics, qualitative analysis, kinetics, reduction, oxidation, and nuclear chemistry are covered. (Prerequisite: CHE 115)

Business and Technical Electives

264 INNOVATION LAB 1 0.5 credit. Course length. Semester. Grade Level: 9-12.

ICE Lab links the creative mind with the analytic, giving students the skills and equipment to allow the freedom to create. Computer designs become physical objects as students prototype and fabricate in a cutting-edge lab. Learning is hands-on, high-tech, and relevant to the real world. Using Computer Aided Design (CAD) software, ICE Lab 1 students will design objects in 2D and 3D and then fabricate those designs through additive or subtractive prototyping. Students will have the opportunity to work with a wide variety of materials including ABS, PLA, acrylic, acetal, polyurethane, steel, aluminum, wood and more. Ice Lab is equipped with a 3D FDM printer, 100-watt CO2 industrial laser, benchtop waterjet, and CNC mill. This is a one semester class open to students who are independent workers, responsible self-starters, and desire to gain hard skills to create, explore, and tinker.

265 INNOVATION LAB 2 0.5 credit. Course length. Semester. Grade Level: 10-12.

ICE Lab 2 allows students to complete further discovery and innovation by utilizing and building off of the skills learned in Innovation Lab 1. Students will be allowed independent time and will consult with a teacher mentor to guide the creative process through completing several larger scale projects. Your focus could be inventor-oriented, leaning towards product creation, engineering, and innovation. You could also choose to take a more design-based approach, focusing on the artistic and creative possibilities the lab offers. By nature, all work will encompass both the creative and innovative processes. A high degree of independence and problem solving is required of all students in this class. Teacher approval required.

249 VIDEO PRODUCTION 0.5 credit. Course length. Semester. Grade Level: 9-12.

Students in Video Production will explore various facets of the media industry, becoming actively aware participants of making and consuming media. We will focus on these important aspects of video: making and producing content, film studies and appreciation, media studies and mass communication (including media literacy and awareness, and digital citizenship), and critically evaluating video. This class will simulate the roles and responsibilities of working in the film industry, from recording to script writing, editing, sound engineering, and special effects. Assignments will emphasize both independent and group work. No prior experience is necessary.

248 DIGITAL PHOTOGRAPHY 0.5 credit. Course length. Semester. Grade Level: 9-12.

Learn the basics of DSLR camera operation, shooting in various camera modes, and manually changing settings for desired effects. Students will build an understanding of composition techniques, photographic styles, lighting and exposure, and digital retouching through Adobe Lightroom and Photoshop. Students will also build a digital portfolio of their own photos and assemble inspirational mood boards to identify styles that resonate with their interests.

268 INTRO TO CODING 0.5 credit. Course length. Semester. Grade Level: 9-12.

Python is a general purpose, versatile, and powerful programming language. Students will learn this first language at the fundamental level. Python can be used from web development to software development and scientific applications.

260 PERSONAL FINANCE 0.5 credit. Course length. Semester. Grade Level: 11-12.

This course is designed to teach students the financial planning process and what their financial responsibilities are as a consumer. Students will also learn about money management, how to plan for financial security, how to set financial goals, how to manage their credit, and about risk management. The class covers a wide range of personal finance topics such as: checking accounts, personal income taxes, investments, housing, financing big purchases, career exploration, insurance, and consumer credit. (Personal Finance is one semester and worth .5 credit.)

261 ENTREPRENEURSHIP 0.5 credit. Course length. Semester. Grade Level: 11-12.

Entrepreneurship provides students an opportunity to develop knowledge for starting, operating and succeeding in small business. Students will investigate the entire business development process from ideation to implementation. Students learn how to start-up and operate a business while in school through hand-on experience. Developing a business plan is a primary focus and will allow student ideas,

skills and creativity to come to life. Entrepreneurs from the community will speak to the class and a field trip will be planned to enhance student understanding of entrepreneurship.

348 MAN 101 COLLEGE INTRO TO BUSINESS AND ECONOMICS 0.5 credit; 3 college credits.
Course length. Semester. Grade Level: 11-12.

This is a survey course intended to give students an overview of accounting, economics, finance, management, and marketing.

460 FIN 211 COLLEGE PERSONAL FINANCE 0.5 credit, 2 college credits. Course length. Semester.
Grade Level: 11-12.

This course presents an overview of the financial planning process for individuals. The focus is on the decision-making tools and applications of financial planning. Students will build their own financial plan that will guide their financial decisions in the present and in the future.

461 CSC 240 DATABASE DESIGN 0.5 credit; 4 college credits. Course length. Semester. Grade Level: 11-12.

Utilize a database tool to create a prototype for output that meets real-life business outcomes. Learn the fundamentals of database design including the relational model, SQL, and data warehousing. Practice working individually and in teams to learn the normalization process, minimizing opportunities for redundant, inaccurate data. Other topics include design implications for speeding data access (e.g. de-normalization), and the emergence of unstructured data systems.

Social Sciences Department

3.5 credits required for graduation.

140 GEOGRAPHY 0.5 credit. Course length. Semester. Grade Level: 9.

Geography is designed to acquaint the student with the earth and how it “works.” Climates, ecosystems, and resources are analyzed in light of mankind’s relationship with them. Various portions of the continents are studied in detail. It is hoped that the students will better understand the complexities of the earth that God has given us and become better stewards of it. (Geography is one semester long and worth .5 credits.)

141 A/B WESTERN CIVILIZATION 1.0 credit. Course length. Year. Grade Level: 10.

Western Civilization is, as the name suggests, an overview of the historical and cultural background and foundation to what we know as “western civilization.” Beginning with ancient Mesopotamia and Israel, this course journeys through the Greek and Roman civilizations and continues through the development of the Medieval and Renaissance eras in European history. Throughout this study, we recognize the hand of God in the development of civilization, but also the successes and failures of humans as they strive to exist, endure, and thrive in history. It is hoped that past civilizations and cultures can teach us the importance and wisdom of living together in peace and understanding.

142 A AMERICAN HISTORY: AMERICAN EXPERIMENT 1620-1877 1.0 credit. Course length:
Semester. Grade Level: 11.

The American Experiment is designed to acquaint students with the development of our country from colonization to democracy. Students will navigate this grand experiment of democracy as it is tested through foreign policies, economic advancement, and the Civil War. The semester ends with a period of reconstruction as the country struggles to repair the wounds left by conflict. Our U.S. History courses strive to help students understand America presently through the decisions of the past. This course aims to find God in the history of the U.S.A. by trying to understand His purpose for the American people. (Can replace with College US History I)

142 B AMERICAN HISTORY: AMERICAN EMPIRE 1878-1975 1.0 credit. Course length: Semester.

Grade Level: 11.

The American Empire looks to educate students on the rise of America as a world leader. Social, political, technological, and military advancements pave the way for an experiment of democracy to become the social norm on a global scale. This semester analyzes America on a global scale through the lenses of war and foreign relations. Our U.S. history courses strive to help students understand America presently through the decisions of the past. This course aims to find God in the history of the U.S.A. by trying to understand His purpose for the American people. (Can replace with College US History II)

144 AMERICAN EYEWITNESS 1975-CURRENT 0.5 credit. Course length: Semester. Grade Level: 12. American Eyewitness invites students to use the primary sources at their disposal to evaluate and analyze the most recent history of The United States of America. This “modern era” of history looks to educate and evaluate the events of America’s recent past through the people who lived through them. Our U.S. History courses strive to help students understand America presently through the decisions of the past. This course aims to find God in the history of the U.S.A. by trying to understand His purpose for the American people. (Prerequisite: American History I and II or College American History I and II).

145 AMERICAN GOVERNMENT 0.5 credit. Course length: Semester. Grade Level: 12. American Government reviews the Constitutional background of our nation’s government and explores the current challenges inherent in a democracy. A primary goal for the course is to enable students to understand the workings of our government and to encourage them to act responsibly as citizens. Course content will include, but is not limited to: basic political philosophy, the Constitution, and the three branches of government. Emphasis will also be placed on the role of the Christian citizen.

146 PSYCHOLOGY 0.5 credit. Course length: Semester. Grade Level: 11-12
This course will broadly introduce the social science of Psychology and give students a grasp of the basic concepts, theories and applications of the field. The focus of the course will center on the intent that students will eventually further their psychological studies in a post-secondary institution.

342 HIS 231 COLLEGE US HISTORY I 0.5 credits; 4 college credits. Course length: Semester. Grade Level: 11.
This survey course traces American history from colonial times through Reconstruction. The course emphasizes a broad range of topics including: colonial settlement patterns, the growth of slavery, the Revolution, the development of nationalism, the Age of Jackson, Westward expansion, sectionalism, and the Civil War and Reconstruction.

343 HIS 233 COLLEGE US HISTORY II 0.5 credit; 4 college credits. Course length: Semester. Grade Level: 11.
This survey course traces American history from Reconstruction to the present time. The course will begin by focusing on the nation's emergence as a world power and its failure to keep the promises it made in the 13th & 15th amendments. Students will also examine: America's various reform movements, World War I, the Roaring Twenties, the Depression and New Deal, World War II, the Cold War, Civil Rights, Vietnam, the 1960s counterculture, Watergate, the oil and Iran hostage crises, the Reagan revolution, the Gulf War, the Clinton years, the 2000 election and the 9/11 attacks.

345 POL 132 COLLEGE GOVERNMENT 0.5 credit, 3 college credits. Course length: Semester. Grade Level: 12.
This course introduces the student to mechanics, institutions, problems and principles of American national government. It stresses the relationship of constitutional principles to American political practice. Emphasis is placed on change in the political environment and judicial interpretation of constitutional tenants as major factors in a viable and dynamic American political system. Racial and Ethnic minorities are also examined in this course.

346 PSY 102 COLLEGE INTRODUCTION TO PSYCHOLOGY 0.5 credit; 3 college credits. Course

length: Semester. Grade Level: 11-12.

This course introduces the scientific study of behavior and mental processes. Psychological, behavioral, cognitive, humanistic, psychodynamic, and social-cultural perspectives are explored. Topics such as scientific method, statistical reasoning, neuroscience, learning, cognitive processes, development, psychological adjustment, therapy, social psychology, diversity, and community are studied.

350 PSY 230 LIFESPAN DEVELOPMENTAL PSYCHOLOGY 0.5 credit, 3 college credits. Course length: Semester. Grade Level 11-12.

This course is a scientific study of development from prenatal life through late adulthood, with emphasis on the interplay of psychological processes, heredity and environment. This chronological review addresses physical, cognitive, social and emotional changes across the lifespan. (Prerequisite: PSY 102)

Theology Department

4.0 credits required for graduation.

101 A/B SCRIPTURE AND LIFE 1 1.0 credit. Course length: Year. Grade Level: 9.

The Old Testament is the story of God's unfolding plan for humanity's salvation. Throughout the course of this history, God created and molded a people to pave the way for salvation that was realized in the person and work of Jesus. In this class, we study the people, themes, and events that reveal the true nature of God, His love for creation, and His desire to live again in perfect harmony with his people.

102 A/B SCRIPTURE AND LIFE 2 1.0 credit. Course length: Year. Grade Level: 10.

Scripture & Life II will focus on the New Testament and the fulfillment of God's promises to us, his people. Students will have the opportunity to study the life and ministry of Jesus in the Gospel of Matthew, and the growth and development of the church in Acts. This course also takes a basic look at biblical genres and an understanding of apologetics.

103 A/B SCRIPTURE AND LIFE 3 1.0 credit. Course length: Year. Grade Level: 11.

Students taking Scripture & Life III will experience thorough Biblical study throughout the entire course. The focus of the first semester will be an in-depth study of the Gospel of John, while the second semester will be spent studying Paul's letter to the Romans. Further, students will have an independent opportunity to hone their writing and Bible study skills researching New Testament documents, memorizing Scripture, and also participating in service opportunities.

104 A/B SCRIPTURE AND LIFE 4 1.0 credit. Course length: Year. Grade Level: 12.

The purpose for Scripture and Life IV is to make the direct connection between the student's spiritual life and daily living.

105 C.S. LEWIS: HIS LIFE AND WRITINGS 0.5 credit. Course length: Semester. Grade Level: 11-12.

C.S. Lewis: His Life and Writings is a one semester course designed specifically for those students who wish to probe the creative and provocative mind of C.S. Lewis through a study of several of his more prominent works. During this elective theology course, students will explore *Mere Christianity*, *The Screwtape Letters*, *The Great Divorce*, and *Out of the Silent Planet*, along with selected readings from *The Chronicles of Narnia* series in a seminar classroom setting. Emphasis will be placed on substantial reading and in-depth dialogue and writing to evaluate, analyze, and enjoy these works. (Prerequisite 3.00 GPA). *This class may also count as an English elective.

106 EXPLORING THE CITY OF GOD 0.5 credit. Course length: Semester. Grade Level: 10-12.

This semester elective allows students to investigate an oft forgotten component of the Christian faith, namely the rise, spread, and influence of God's Kingdom through His Church during the last two thousand years. Christians today should recognize that they are a part of a great cloud of witnesses who

have, for two millennia, been shaped by the Gospel and have, subsequently, shaped the development of civilization. As a brief survey course, Exploring the City of God will highlight major movements, events, and people that have played important roles in seeking to fulfill the Great Commission. **This class may also count as a social studies elective.*

107 UNVEILED HOPE—A STUDY OF REVELATION 0.5 credit. Course length: Semester. Grade Level: 11-12.

In this Scripture and Life semester elective, students will thoroughly immerse themselves into the historical, cultural, and theological context of perhaps the most elusive Scriptural texts. Approaching St. John’s vision largely from a “timeless-idealist” perspective, students will recognize that the words of this mysterious document convey timeless, spiritual truths concerning the battle between God and evil and between God’s Kingdom and the world throughout all time. Ultimately, students will be encouraged to have hope while remaining steadfast in faith.

The Concordia Advantage

Concordia offers a wide spectrum of academic programming and educational opportunities for its students. College preparatory and general education programs accord students the educational experiences and opportunities that contribute to successful preparation, performance, and leadership in their chosen vocation or profession. All students carry from three to four credits of classwork each semester. Advanced programs and a wide variety of on-campus college classes are available to students. Concordia Academy is proud to offer more on-campus college classes than any other high school in Minnesota.

Resource Program

This program is available upon administrative approval for students experiencing difficulties achieving their potential in their academic courses. Criteria for entrance into this program may include specific learning disabilities, attention deficit, or developmental delays. Students meet daily with the resource teacher or paraprofessional. A formal IEP is not required for entry, but a referral process may be completed before placement. Prior documentation of a learning need is helpful. (.5 credit if scheduled daily and .25 credit if scheduled every other day)

STEM₂ Program: Advanced Science and Math Curriculum

Concordia Academy’s STEM₂ curriculum provides a significant step towards preparing Christians to take the lead in advanced fields of science, technology, engineering, math, and medicine. The program consists of the following components:

- A rigorous curriculum path that includes the equivalent of 5 years of science and successful mastery of mathematics through at least Pre-Calculus (Students must maintain a minimum GPA of 3.0 in the above courses.)
- An internship with a STEM₂ organization
- A senior research project and paper designed for and entered into competition
- A final project and paper presentation to a panel of teachers and invited guests

Successful completion of the above results in a STEM₂ transcript certification, special seal placed on the student's diploma, and Honors Convocation recognition during the candidate's senior year.

Program Summary

Students, with the assistance of CA's Guidance Counselor and STEM₂ Coordinator, plan their academic schedules to ensure that the academic requirements are met. The STEM₂ internship normally takes place during the summer between junior and senior year and requires a minimum of 40 hours work at a STEM₂ company.

The senior research project and paper is normally planned during the end of the junior year and is carried out during the following summer and first half of the senior year. Projects and papers are entered in a local competition with the expectation of advancing on to the International Science and Engineering Fair (ISEF). Students are required to keep a handwritten, anecdotal logbook for both their internship and research project experiences. Research projects may be created in the areas of science (natural or physical), technology, engineering, or mathematics.

See next page for Grade 11 and 12 STEM₂ Timeline.

Grade 11 and 12 STEM₂ Timeline

JUNIOR YEAR	
January-April	<p>Juniors brainstorm and research possible internships and research project topics. Juniors may meet with faculty members, and are required to meet with the STEM₂ Coordinator.</p> <p>Internship proposal is turned in to the STEM₂ Coordinator. Research project and paper proposals are turned into STEM₂ Coordinator.</p>
May	Internship proposals and the STEM ₂ Advisory Team reviews research project and paper proposals. Students will receive written approval or requests for further clarification.
June-August	<p>Students complete internships and work on research projects and papers as outlined in approved proposals. Daily logbook entries are required throughout the internship and research project.</p> <p>Students may contact the STEM₂ Coordinator should questions arise or circumstances occur that need clarification or assistance.</p>
August-January	Students complete internship and research projects and papers.
SENIOR YEAR	
January	Students enter projects and papers in a regional science fair with the expectation of advancing on to the International Science and Engineering Fair (ISEF).
February	Project and paper competitions.
March-April	Students turn in research project logbooks. Students present projects and papers to the STEM ₂ Advisory Team and guests.
May	STEM ₂ Honors Convocation recognition.

Emerging Artist Program: Advanced Fine Arts Curriculum

Concordia Academy's Emerging Artist program provides a curriculum to prepare Christians to make an innovative mark on the world through fine arts courses in theater, visual arts, music, dance, and writing. The program consists of the following components:

- A rigorous coursework of five credits of fine arts including performance-based and academic credits. Students must maintain a GPA of 3.0 or higher in arts curriculum courses.
- Participation in fall drama or spring musical.
- An internship of 40 hours in a related field with a portfolio.
- Independent research project incorporating field visits.

- Book study in a cohort setting.
- Capstone project that is exhibited for a public audience.

*Successful Emerging Artist Curriculum candidates will, upon completion, receive commendation on diplomas and on transcripts, as well as recognition at Concordia Academy's Honors Convocation.

Program Summary

Students, with the help of the Guidance Counselor and Emerging Artist Coordinator, plan schedules to ensure academic requirements are met. Students will plan their internship in a related field focusing on developing knowledge and awareness of a career in the field of arts. Students will typically complete this internship in the summer of their junior to senior year. Students will keep a daily log of their time in internship to develop into a portfolio that will be reviewed upon their completion.

Students will participate in the world of art on and off-campus by participating in at least one CA drama or musical production and visit museums, theaters, studios, and/or print shops. Students' final capstone project will be developed from an artist statement that highlights the students' interest and passion in the pursuit of art. The capstone project will be displayed or performed in the students' spring semester of their senior year.

Grade 11 and 12 Emerging Artist Timeline

JUNIOR YEAR
<ul style="list-style-type: none"> • Enroll in a full year, plus one semester, of fine arts coursework • Attend scheduled Emerging Artist Cohort conversations • Secure Internship for summer after junior year • Propose senior year Capstone; begin working on Capstone pieces • Check in on progress in independent research project • Produce and compile original work outside of school
SENIOR YEAR
<ul style="list-style-type: none"> • Ensure completion of Independent Research Project • Turn in completed Internship Portfolio • Develop personal artist statement • Read <i>Walking on Water: Reflections on Faith and Art</i> (L'Engle) and <i>Roaring Lambs: A Gentle Plan to Radically Change Your World</i> (Briner); participate in cohort discussion • Enroll in full year, plus at least one semester, of fine arts coursework • Complete Capstone Project pieces • Public performance or display of Capstone Project in their spring Senior Showcase • Honors Convocation

Wholly Human: Advanced Humanities Curriculum

Concordia Academy's Wholly Human cohort provides a curriculum to prepare students to wrestle with the essence of who we are and why we are here in order to inspire ideas, service, or solutions to create positive impact in their community.

This program consists of the following features:

- A rigorous coursework of humanities courses including advanced classes and foreign language. Students must maintain a GPA of 3.0 or higher in humanities curriculum courses.
- Leadership in at least one approved related extra-curricular.
- An internship of 40 hours in a related field with a portfolio.
- Independent research project incorporating visits.
- Book study in a cohort setting.
- Capstone project or talk that is exhibited or given for a public audience.

*Successful Wholly Human candidates will, upon completion, receive commendation on diplomas and on transcripts, as well as recognition at Concordia Academy's Honors Convocation.

Program Summary

Students, with the help of the Guidance Counselor and Wholly Human Coordinator, plan schedules to ensure academic requirements are met. Students will plan their internship in a related field focusing on developing knowledge and awareness of a career in the field of humanities. Students will typically complete this internship in the summer of their junior to senior year. Students will keep a daily log of their time in internship to develop into a portfolio that will be reviewed upon their completion.

Students will participate in the world of humanities on and off-campus by participating in service opportunities, service leadership, and/or other opportunities. Students' final capstone project will be developed from a personal life philosophy that creates awareness, proposes a social solution or identifies ideas in which to better the community.

See next page for Grade 11 and 12 Wholly Human Timeline

Grade 11 and 12 Wholly Human Timeline

JUNIOR YEAR
<ul style="list-style-type: none"> ● Enroll in full year, plus one semester, of humanities coursework ● Secure Internship for summer ● Propose senior year Capstone; begin working on Capstone pieces ● Check in on progress in independent research project ● Begin writing personal statement ● Participate in co-curricular or other service/learning opportunities outside of school.
SENIOR YEAR
<ul style="list-style-type: none"> ● Ensure completion of Independent Research Project ● Turn in completed Internship Portfolio ● Read <i>Abolition of Man</i> by C.S. Lewis; participate in cohort discussion ● Enroll in full year, plus at least one semester, of humanities coursework ● Complete Capstone Project pieces ● Present Capstone Project ● Honors Convocation

Vision4Life: Spiritual Growth and Development

This award-winning program of character and faith education is based upon our commitment to teaching students how to incorporate their faith into every aspect of life now and into the future.

Features:

- Freshman fall retreat
- Service learning requirements in the classes
- Chapel: Worship, prayer team, praise team
- Prayer and Praise Fridays
- Family Life Groups
- Spring V4L Guy/Girl Seminar & Service Days
- Senior Retreat

PSEO Program: On-Campus College Courses (Grades 11-12)

CA is proud to offer more on-campus college classes than any other high school in Minnesota, which is made possible through a unique partnership with Concordia University, St. Paul (CSP). Students may earn over 80 college credits from CSP without leaving Concordia Academy's campus. These credits can be used at CSP or transferred to most other universities. Because of our wide range of on-campus college offerings, CA does not participate in off-campus PSEO options. This reduces scheduling conflicts and maintains a strong sense of school unity and identity. The following

points are important to remember when you or your child consider taking on-campus college courses:

1. A full-time student at Concordia Academy must be enrolled in a minimum of six high school credits per year, but may be enrolled in up to eight credits. A student's tuition covers 8 credits per year.
2. Students enrolled in Concordia Academy's on-campus college classes are eligible for partial tuition reimbursement if the course is taught by regular CSP faculty and if the student is enrolled in less than eight regular high school credits. The reduction is determined by the state reimbursement to Concordia University less a percentage of CA's previous year's operating expenses beyond salary and benefits. Parents can expect a reduction of \$60-80/college credit for college classes taken during the school year. CSP classes taught by Concordia Academy faculty do not qualify for tuition reimbursement. Also, if your student took the CSP classes for dual credit to be applied towards the graduation requirements at CA, you are not eligible for the PSEO break.
3. Because student academic schedules often change during the school year, any tuition reimbursement will not be calculated until the first week of April.

International Student Program

Concordia Academy welcomes international students and is certified by SEVIS to issue I-20s for F1 visas. The prospective international student (IS) must demonstrate proficiency in reading, writing, and speaking the English language. Proficiency is demonstrated through a variety of means, including a video interview, writing samples, recommendations and taking an English proficiency examination such as the TOEFL examination or online Duolingo English proficiency test. The following features of this program help to ensure IS success:

- Documenting and tracking students' progress
- Individual tutoring designed to aid international students
- Minnesota State High School League (MSHSL) eligibility at the C team or JV level for students with an F-1 visa.
- Curriculum path to graduation specifically tailored to the unique needs of international students.

Guidance and Counseling

The Guidance and Counseling Office is designed to guide students toward high school success and prepare them for life after high school. We actively facilitate academic, social, and spiritual support for students at Concordia Academy.

Major Components of Guidance and Counseling Services:

- Transitioning to High School
- Strengths and Interest Profile
- Standardized Testing
- Course Selection Guidance
- College and Career Planning
- On-Campus PSEO Coordination
- Student Success Team

Student Success Team

The goal of the Student Success Team is to facilitate the holistic health and success of each of our students. The SST is a team of school professionals who meet twice per month to respond to referrals of students who may be struggling. Struggles might be academic, social, physical, emotional, or spiritual. We strive to respond in a way that will help a student have the best possible chance for success. Parents, coaches, teachers, and peers are encouraged to let us know if a student needs our support.

Meet the SST:

Gina Tupper, Resource Program Director
 Katie DeWitt, Dean of Students
 Rosalyn Obando, Roseville Nonpublic School Counselor
 Michelle Connolly, Assisted Study Hall Teacher
 Kelly Mack, Director of Guidance and Academics
 Connie Voss, Administrative Assistant

Concordia Academy Academic Credit Requirement

Concordia Academy offers a thoughtfully selected set of courses for students. These courses have embedded curricular objectives to create students to be thoughtful learners with skills that will equip them to be successful in their future endeavors. Concordia Academy issues credit for students who successfully pass courses on its campus and honors credit in pre-approved institutions off-campus in the event credit-recovery is necessary. Any student wishing to seek credit for classes outside of Concordia Academy should recognize this policy while a student at Concordia. Please contact the guidance and academic offices for any questions.

Contact Us

For more information about Concordia Academy, please contact us through our website (www.concordiaacademy.com) or by phone at (651)-484-8429.