





CA COURSE CATALOG

2026-2027





Concordia
ACADEMY

Honoring God Through Excellence





Our dedication to Christ motivates our teachers, enriches our college-prep curriculum, and advances our extracurricular programs. Being a CA Beacon means to honor God through excellence in the classroom, on the field or stage, and in our community.

You can find joy in knowing that your teen is not only equipped for college and career but also grounded in their faith, prepared to lead with integrity and service.

Be a Beacon: Honor God in the Classroom, on the Field, and Beyond

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Welcome.

Welcome to an extraordinary season of growth, discovery, and purpose at **Concordia Academy**! We are so glad you're exploring the heart of who we are and what your student can experience here — a community where faith and learning flourish together.

At CA, we believe education is more than mastering facts — it is about **discovering God's calling for each student's life**. Every classroom, chapel, and cohort is rooted in a *Christ-centered worldview*, inviting students to honor Christ through their academic pursuits, leadership, service, and relationships. Our caring teachers know your student by name, celebrate their gifts, and challenge them to grow with rigor and joy.

High school should be a place to explore new interests, try new disciplines, and step into new challenges. Whether a student discovers a passion for engineering, literature, biomedical science, visual or performing arts, business, or ministry, exploration builds confidence, resilience, and clarity about future goals. When students are given space to stretch academically and creatively, they gain not only knowledge, but direction.

And students can do this in their academic programming with big-choice in a close-knit community.

We offer a **rigorous college-preparatory curriculum** tailored to prepare students for life beyond high school. Beginning as early as junior year, students can participate in our **PSEO on Campus program**, earning *college credits right here on our campus through courses taught by university faculty*. Many of our students graduate with a significant head start on their college journey.

We invite your family to *walk through our doors*, meet our faculty, and see firsthand how a Concordia Academy education equips students to think critically, lead with integrity, and live boldly for Christ.

With joy in His service,
Kelly Mack
Director of Academics and Guidance









Christ-Centered, Academically Equipped.

This curriculum catalog can act as a guide to help each student plan their course selections, identify potential cohorts, and identify helpful supports to intentionally be set for success in the 2026-2027 school year.

By each course, you can see the course title, credit offered, potential pre-requisitives, and a brief course description to best help you make the most out of your time in high school.

We believe education is not merely the transfer of knowledge, but the formation of the whole person — soul, mind, and body — under the truth of Christ. Because of this, we have created different support services, platforms like IXL and SCOIR, and a scaffolded counseling curriculum to help each student not only thrive, but shine!

Academics at Concordia Academy

COURSE REGISTRATION PROCESS

Counseling staff will visit student classrooms and academic block time to share about registration for the upcoming school year. Students will then have a window of time to request courses that they are most interested in including honors courses, PSEO on campus courses (if eligible), and elective options. Counseling staff will meet with students within classes to verify course registration is complete.

Schedule changes will be allowed starting Aug 1 for the upcoming school year with deadlines communicated in weekly newsletters and/or forms. Fees may be assessed for requests after this deadline. Students may make one request for change per semester and should thoughtfully consider before requesting.

ONLINE COURSE OFFERINGS

To best provide flexibility in scheduling and meet the highest number of course requests for each student, an online option for some courses may be introduced this year. Under the course descriptions portion of the catalog, the following key will indicate the respective online offerings:

- * indicates a course offered exclusively online.
- ** indicates a course offered in person and may also be offered online, depending on the number of requests.

All online courses are asynchronous with a supervised space provided on campus, and will match the same learning targets as the in person courses.



CA'S COLLEGE PLANNING SUPPORT

The guidance staff at CA has a scaffolded curriculum to help support student planning for life after high school—no matter what that looks like! From freshman year to graduation, counseling staff work with students in career exploration, free test prep, college searches, college tours, activities sheets and resumes, NCAA and NAIA eligibility, scholarships, college applications and essays, and the financial aid process.

FOUR-YEAR COLLEGE PLANNING

Students considering a four-year college for post-high school plans should be mindful of creating a story that shows their ability in a holistic way. College admissions officers will review student transcripts/course selection, growth, strengths, interests, test scores, letters of recommendation, essays, volunteer hours, activities, and work history as part of the application process.

In addition to the already required courses that support a competitive record for colleges, students should also consider the courses below to best prepare for a four-year university:

- Four years of math
- Two years of a world language, three highly encouraged
- A language arts course every semester



ELECTIVE OPTIONS

We are proud to offer numerous elective options while continuing to maintain our small-community environment. When students select electives, they should consider:

- Business and technical electives that may allow them to broaden their understanding of potential careers.
- Consider longevity in the arts—many schools view visual and performing arts commitments positively.
- Stretching yourself out of your comfort zone—taking an improv class or delving into the Narnian world also shows that you enjoy learning and taking risks. Those are future literate skills!
- Maximize your time—your vocation in high school is to be a student. Take advantage of the incredible staff that you can learn from and develop relationships with. To best prepare for college, continue sharpening your edge all the way through to graduation.

GRADING SCALE

Grade	H.S. Scale	College
A	4.00 (92-97)	5.00
A-	3.67 (90-91)	4.67
B+	3.33 (88-89)	4.33
B	3.00 (82-87)	4.00
B-	2.67 (80-81)	3.67
C+	2.33 (78-79)	3.33
C	2.00 (72-77)	3
C-	1.67 (70-71)	2.67
D+	1.33 (68-69)	2.33
D	1.00 (62-67)	2.00
D-	0.67 (60-61)	1.67

Grades for 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 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 jacket.

GRADUATION REQUIREMENTS

Department	Credit Required
English	4.00 Credits
Theology	4.00 Credits
Math	3.00 Credits
Science	3.00 Credits
Social Studies	3.5 Credits
Fine Arts	2.00 Credits
Health	0.5 Credits
P.E.	1.0 Credits
Senior Capstone	0.25 Credits
Freshman Seminar	0.5 Credits
Personal Finance	0.5 Credits
General Electives	6.25 Credits

CREDITS REQUIRED

Twenty-six and a half credits are required for graduation with 28.5 required for incoming freshman and beyond as we adjust dual enrollment credit for college courses starting with the incoming freshman class of 2026-2027. Starting with this year's freshman class all dual enrolled college courses will earn 1.0 credit per semester of high school credit. Currently, the classes of 2027-2029 are issued a 0.5 high school credit per college course with a total of 28.5 credits to graduate.

PSEO ON CAMPUS PROGRAM

Concordia Academy offers more than 100 college credits taught live on-campus with a few expanded options offered online. Instead of commuting throughout the Twin Cities, students can remain on campus and take real college classes taught by college professors, thanks to a unique partnership with Concordia University, St Paul (CSP). Students who take our college classes receive credit from both Concordia Academy and Concordia University. This transcript can be transferred to any university that accepts college transfer credits. Eligible students can take the max amount of credits the state allows per semester. Students can view our PSEO on campus guide found here for more information. All college course offerings are listed within this course guide.

CREDIT RECOVERY PARTNERSHIPS

At times, students may need to complete summer work for credit recovery. Students need pre-approval from the guidance office to ensure proper selection. CA currently partners with credit recovery through Mayer Lutheran's Genesis Virtual Academy and Orange Lutheran High School's OLU Online program.

CREDIT FOR TRAVEL

CA partners with EF Educational Tours to provide rich opportunities for student learning in the context of travel. Students may choose to do optional academic coursework in addition to educational tours to receive high school credit. Previous tours have included Costa Rica, France, England, Ireland, Scotland, and Greece.



SENIOR CAPSTONE

Seniors will complete a senior capstone as part of their graduation requirements. This capstone project will be completed in the month of May as an independent project under the supervision of faculty and staff. The project will be designed around a text that focuses on how we, as the body of Christ, can fully trust the Lord with our resources and live within the spirit of giving.

Map to Graduation

Use the guide below to identify a map to graduation.

Dept/Req credits	9th	10th	11th	12th	College Credit Electives
Theology 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 of God Unveiled Hope--A Journey through Revelation	
Social Sciences 3.5 credits	**Geography**	**Western Civilization**	**American History or *HIS 235 and *HIS 238 College US History and College US History II**	**Government or *POL 132 College Government** and one elective Exploring the City of God American Eyewitness	PSY 102 Intro to Psychology SOC 151 Intro to Sociology CJU 242 Foundations of the Criminal Justice System
English 4 credits	**Hon English 1 or English 1**	**Hon English 2 or English 2**	**American Literature**	**Rhetoric and Speech or *COM 115 Public Speaking and one elective** **Film as Literature 1 or 2** **C.S. Lewis** **Creative Writing**	ENG 121 Intro to Writing ENG 156 Intro to Lit COM 110 Intro to Comm
Mathematics 3 credits	**Pre-Algebra** **Algebra** **Geometry** **Advanced Algebra** **Honors Adv Algebra**	**Algebra** **Geometry** **Adv Algebra** **Hon Adv Algebra** **Pre-Calculus**	**Geometry** **Advanced Algebra** **Honors Adv Algebra** **Pre-Calculus**	Advanced Algebra Honors Adv Algebra Pre-Calculus	MAT 135 Calculus I MAT 146 Calculus II MAT 110 Prob and Stats MAT 101 Contemporary Math
Science 3 credits	**Biology or Honors Biology**	**Chemistry or Hon Chemistry** Biotechnology Environmental Science Science of Wellness	**Chemistry or Hon Chemistry** Biotechnology Environmental Science Human Anat & Phys	**Chemistry or Hon Chemistry** Biotechnology Environmental Science Human Anatomy & Physiology Physics	BIO 120 Unity of Life BIO 130 Diversity of Life CHE 115 General Chemistry I
Fine Arts 2 credits	Chorale ● Concert Band ● Concordia Strings ● Photojournalism ● Fundamentals of Art ● Intermediate Art ● Digital Photography ● Video Production	Chorale ● Concert Choir ● His People ● Concert Band ● Concordia Strings ● Photojournalism ● Fundamentals of Art ● Intermediate Art ● Advanced Art ● Mixed Media Art ● Digital Photography ● Video Production ● Intro to Theatre Arts			Art 120 Ceramics I ART 109 Digital Methods ART 111 Drawing I THR 131 Improvisation
Physical Education 1 credit	**Basic P.E. or Dance 1 and 2 Strength & Conditioning 9**	**Health** Advanced P.E. Dance 1 and 2 Strength & Conditioning	Advanced P.E. Dance 1 and 2 Strength & Conditioning RTPF		KHS 325 Science of Sport
World Language	Spanish 1, American Sign Language 1, French 1	** two years recommended* Spanish - Levels 1-4 / American Sign Language - Levels 1-3 / French - Levels 1-3			
Other required courses	**Seminar**	**Personal Finance or FIN 215** *Personal Finance or FIN 215 is a graduation requirement for the class of 2028 and successive grad years.*			MAN 125 Entrepreneurship CSS 102 Intro to Computer Science ECO 103 Coll Macroeconomics DAT 105 Excel and Modern Technologies ACC 205 Financial Accounting BUS 270 Modern Marketing
Other elective courses	Foundations of Leadership Innovation Lab 1 Intro to Trades	Foundations of Leadership ● Innovation Lab 1, 2 ● Game Design ● Intro to Trades ● Woodworking ● Welding and Fabrication ● Floral Design ● Home Economics ● Entrepreneurship ● Mentor Volunteer ● Teacher Aide			
Bolded classes are required *** College level course that fulfills a required credit** *Students enrolled in the resource program will replace a study hall with resource* *A total of 28.5 credits are required for graduation. 22 credits are required courses and the remaining 6.5 are electives.*					*College courses are optional for juniors and seniors with a minimum cumulative GPA of 3.25*

Counseling and Support Programs

Concordia Academy's Guidance program equips students for success in high school through coordinated academic, social, and spiritual support. The guidance staff also intentionally coordinate support for student post-high school planning.

We believe God created each student with distinct gifts and purpose, and we are committed to developing the whole child—nurturing their strengths while supporting their growth.

We utilize SCOIR as our platform to navigate the college planning process and career exploration. Each grade level has its own google classroom with embedded counseling curriculum to assist students in preparing for life in high school and after.

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Tracey Steivang, DCE, MA

Study Lab Lead
Michelle Connolly

Resource Room Director
Gina Tupper

Resource Room Teacher
Christina Bensus
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Freshman

*Check In Surveys
*Small group check-in interviews
*Lessons on
- Stress
- How to utilize guidance services
- Course selection
- Preparing activities sheets
- Course mapping
- Creating an academic record
- And more

*Mental and academic health support
*Walk-in support
*Self-advocacy support
*IXL academic support in core subjects
*Diagnostic testing throughout the year

Sophomore

*Small group check in interviews
*Goal-setting for high school
*Career exploration surveys and lesson
*Training on utilizing O*Net
*Preparation of activities sheet
*Lessons on
- Creative competitive transcripts
- Volunteer opportunities
- Stress coping skills
- Course selection

*Mental and academic health support
*Walk-in support
*IXL academic support in core subjects
*Diagnostic testing during the year
*Individualized skills plans in courses

Junior

*Check In Surveys
*Intensive career exploration
*PSAT testing
*Junior family meetings for post-high school planning
*College course support and registration
*College planning
- Top factors for college
- Activities sheet
- Scholarships
- College exploration

*Mental health and academic support
*Walk-in support

Seniors

*Individualized 1:1 college support
*College Bootcamp Workshop
*Scholarship support
*FAFSA Financial Aid Info Night
*Testing support for ACT
*Letters of Recommendation prep
*Records support for college applications
*Accountability for college planning
*Mental and academic health support
*Walk-in support

Distinctive Programs

Concordia Academy offers many distinctive programs to help students be the most successful that they can be during their time in high school. Students' four year journey in high school should be rich with exploring different interests, developing agency in their learning, reflecting on their strengths and areas of growth, incurring future-literate skills to allow them to be competitive in future academic journeys and careers, and continuing to grow in the purpose and calling the Lord has in their life. The following academic programs are developed to help provide opportunities and support to allow students to be all that God has them to be.

Study Lab

Study Lab is a student-supported academic period designed to provide a structured environment for independent study, homework completion, and organizational support. Students utilize this time to work on assignments, prepare for tests, and receive basic assistance with time management and study strategies from a supervising instructor. This course is for general academic support.

Resource Room

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.

Peer Tutoring

Trained student tutors in the areas of math and English are available during our Academic Block time once a week to support students who need help solving their math homework, studying for quizzes or tests, needing help with an essay at any stage, or working to develop study skills for their English classes. This is all done under the supervision of faculty.

Student Support Team

The Student Success Team is composed of school professionals who meet regularly to respond to referrals of students who may be struggling academically, socially, emotionally, or spiritually. The team strives to partner with families to respond in a way that will help a student have the best possible chance for success.

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



International Student Support Team

We are blessed to have a significant number of international students. However, unique challenges such as learning in a second language, cultural differences, as well as being far from family can impact success and growth. CA's commitment to encourage and support our international students led to the creation of the International Student Success Team. Parents or host parents of international students who are experiencing social, physical, emotional, academic, or spiritual difficulties are encouraged to reach out.

Cohort Pathways

Cohorts are designed to allow students to explore passions and interests in the areas of arts, humanities, science, technology, medicine, and business. Each pathway includes a developed research project, capstone project, and an internship.
More information can be found in the cohort handbooks found on the school website or linked in the description below.



Emerging Artist Cohort

This arts-focused curriculum acknowledges and affirms the notion that students headed for a career in the arts need a special program designed with them in mind. In short, we are preparing Christians to make their innovative mark on the world through fine arts. Handbook found here.

STEM Cohort

This cohort allows students an opportunity to study science, technology, engineering, medicine, and mathematics through rigorous coursework and hands-on learning. Students develop problem-solving, critical thinking, and technical skills while exploring real-world applications and potential career pathways in STEM fields including the presentation of a science fair project. Handbook found here.

Wholly Human Cohort

This program offers a place to study what it means to be human, what it means to think thoughtfully about who we are and why we are here. This curriculum presents ideas, concepts, and stories from some of the most recognized scholars of history encouraging students to wrestle with these ideas in a way to inspire not just the promotion of critical thought, but of implementing that thought for the betterment of society. Handbook found here.

Business Cohort

This program is designed to allow students to delve into the worlds of finance, accounting, economics, marketing, and more. Students will not only complete rigorous coursework, but practice the entrepreneurial skills in working within the CA school store.

Course Descriptions

Please utilize the information below to best inform decisions in course requests. Each course below will elaborate on the nature of the class offered, the credit received, the grade level, and the length. All courses are subject to change based on student interest and request. Some courses may pivot to an online option if scheduling conflicts arise or there are lower student requests. The guidance office will utilize their best discernment for students in this situation to select what is the best schedule for each student. Upon receiving the student schedule, families may request one schedule change if preferring alternative options for each semester. 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 to read deeply, write clearly, communicate effectively, and think independently. Through the study of literature and composition, students will approach complex texts from multiple perspectives, engage in thoughtful discussion, and revise their work to strengthen clarity, insight, and confidence. By the end of the course, students will have a strong foundation for continued success in high school English.

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 to read deeply, write clearly, communicate effectively, and think independently. The honors course builds on these goals with greater depth, pace, and independence. Students will write more frequently, wrestle with complex questions, and draw connections independently. Productive struggle is part of the process; this course is best suited for students who are self-driven, curious, resilient, and ready to take intellectual risks. By the end of the course, students will have a strong foundation for continued success in high school work at the honors level. (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 research 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 research 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 1 instructor)

124 A/B AMERICAN LITERATURE 1.0 credit. Course Length: Year. Grade Level: 11.
This course examines American voices and themes across time periods, exploring how writers respond to key cultural, spiritual, and moral questions of their time. Students will examine how historical context and literary movements shape ideas, and students will evaluate how literature reflects both God's truth and the struggles of

humankind. In addition to these studies, students will prepare essays across various genres, communicate clearly and effectively in discussion, and use technology to create multimedia presentations. (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: 10-12.
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. 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 based class and will run fully as an asynchronous online option.*

130 FILM AS LITERATURE 0.5 credit. Course Length: Semester. Grade Level: 11-12.
In Film As Literature, students evaluate dystopian societies and compare them to the current era. They define the characteristics of an underdog and compare underdogs and the methods they used to overcome hardships. Students analyze the 4 quadrants that create a blockbuster movie and compare how classic and modern blockbusters achieve the 4 quadrant formula. Finally, students evaluate how heroes are portrayed across multiple movies, genres and time periods.

131 FILM AS LITERATURE 2 0.5 credit. Course Length: Semester. Grade Level: 11-12.
In Film As Literature 2, students evaluate characters, their interactions, and how they change throughout the plot of a film. They compare how wars are portrayed across multiple movies and multiple wars. Students identify cinematography elements including mise en scene, camera angles, shot size, color, and lighting. They evaluate the relevance of Shakespeare's plays in today's world and compare old and new Shakespeare films. Finally, they draw connections between film themes and modern society to analyze and evaluate today's world through a critical and evaluative lens.

**** 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 115 PUBLIC SPEAKING** 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 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)

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.

248 ART STUDIO 0.25 credit. Course Length: Semester. Grade Level: 10-12.
Art Studio is designed for students wishing to have concentrated time to work on their visual art. This is an independent course required for students pursuing art as part of their Emerging Artist Cohort. Students not in the cohort may complete an art studio with instructor permission. This is a pass/fail class.

446 ART 120 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.

448 ART 109: DIGITAL METHODS Production and Form: 0.5 credit. 3 college credits. Course Length: Semester. Grade Level: 11-12.
This course delves into foundational concepts of graphic design while emphasizing the critical role of material sourcing and production methods across varied modalities. Through practical application, students learn to navigate industry-standard software, experiment with diverse production methods, and procure materials tailored to specific design requirements. From preparing production-ready files to experimenting with various form-making techniques, participants hone their skills and gain a deep understanding of the interconnectedness of concept, form, and material.

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.
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.

282 A/B CONCERT CHOIR 1.0 credit. Course length: Year. Grade Level: 10-12.

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.
Concert Band is a performance-based ensemble for students who play woodwind, brass and percussion instruments. Students will develop their technique through rehearsing and performing a wide variety of literature of different time periods and styles, and develop proficiency in fundamental musical principles through group exercises. Prior band experience is required.

286 A/B CONCORDIA STRINGS 1.0 credit. Course length: Year. Grade Level: 9-12.
Concordia Strings is a performance-based ensemble, committed to pursuing excellence in technique and musicianship. Students who play violin, viola, cello, or bass may join this group. Rehearsals include activities to grow personal technique, ensemble skills, theoretical understanding of music, music history, and meaningful performance experience. At the heart of this course is a desire to cultivate musicians who use their gifts to serve others, build community, and honor God through shared music-making.

288 MUSIC STUDIO 0.25 credit. Course Length: Semester. Grade Level: 10-12.
Music Studio is designed for students wishing to practice, study, and/or compose music. This is an independent course required for students pursuing music as part of their Emerging Artist Cohort. Students not in the cohort may complete a music studio with instructor permission. This is a pass/fail class.

Performing Arts

291 INTRO TO THEATRE ARTS 0.5 credit. Course Length: Semester. Grade Level: 10-12.
This course introduces students to the theatrical arts emphasizing creativity, collaboration, and perseverance. Areas covered in depth include: theatre vocabulary, roles in the theatre, acting, the reading of plays, theatre design and tech, theatre appreciation. Students will work individually and in groups to create in-class projects and performances.

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.

World Language Department

It is highly recommended that students complete three years of a world 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.

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 through food and guest speakers.

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. Students will acquire more spoken language through activities, movies, games, stories, songs and discussions. Guest speakers and food will enrich their experience. Students will read a novel written for intermediate French-learners.
(Prerequisite: French 1 or equivalent)

209 A/B FRENCH 3 1.0 credit. Course Length: Year. Grade Level: 10-12.
French 3 continues the Comprehensible Input approach to language acquisition by surrounding students with spoken and written French. This course seeks to give students the confidence to have meaningful conversations in the present and past tense 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 French-speaking world through study of their cultures. Speaking, listening, reading, and writing are all emphasized. Students will enjoy guest speakers, field trips, food, and also read a French novel written for high intermediate learners. (Prerequisite: French 2 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.

**** 364 MAT 101 COLLEGE CONTEMPORARY MATH**
0.5 credit; 3 college credits. Course Length: Semester.
Grade Level: 11-12.
This course was designed to give the liberal arts student an experience in contemporary mathematics with emphasis on its connection to society. The concepts include financial mathematics, statistics, apportionment, voting, graphs and networks.

Physical Education and Health Department

1.0 credit required for graduation in P.E.; 0.5 Health

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. Additional fees for field trips.

**** 221 HEALTH** 0.5 credit. Course Length. Semester. Grade Level: 10-12. Online option available.
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 0.5 credit. Course Length. Semester. Grade Level: 10-12.
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)

227 A/B STRENGTH AND CONDITIONING 9 0.5 credit. Course Length. Semester. Grade Level: 9.
This course is geared for 9th graders and introduces the 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.

226A INTRO TO DANCE A .5 credit. Course length: Semester. Grade Level 9-12.
This course is designed to give students a basic knowledge of the four fundamental elements of dance including; body awareness, space, time, and energy as they relate to movement. Dancers will focus on the basics of jazz, ballet, modern, and musical theatre dance. Classes include warm-up sequences, conditioning, across the floor progressions, center floor combinations, and creative movement explorations. Additional classroom activities include discussion, writing, and video viewing.

226B INTRO TO DANCE B .5 credit. Course length: Semester. Grade Level 9-12.
This second semester course is an extension of beginner classes, focusing on strengthening foundational techniques across genres like ballet, jazz, modern, and hip-hop. The curriculum emphasizes increased body awareness, proper alignment to prevent injury, and the introduction of complex movement sequences (turns, jumps, leaps)Students may opt to take either or both semesters of dance to fulfill a PE credit or as an elective class.

**** 421 KHS 325 EXPLORING THE SCIENCE OF SPORT**
0.5 credit. 3 college credits.
Course Length. Semester. Grade Level: 11-12.
This overview course in kinesiology, designed to meet the general education social science requirement, explores the dynamic relationship between human movement and societal factors. Students will investigate and gain an appreciation for how movement impacts individual and community health. The curriculum covers various topics, including the history of sport, health, and wellness, the role these play in different cultures, and the socio-economic factors that influence access. Students will explore contemporary issues such as the impact of technology on physical health, the psychology of exercise, and the role of physical education.

Science Department

3.0 credits required for graduation.

**** 181 A/B BIOLOGY** 1.0 credit. Course length: Year. Grade Level: 9.
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: 9
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: 10-12.
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: 10-12
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.

188 STEM LAB 0.25 credit. Course length: Semester. Grade Level: 10-12.
STEM Lab is designed for students wishing to pursue a career in STEM fields to work towards the completion of a science fair project. This is an independent course required for students pursuing completion of the STEM cohort program. This is a pass/fail class.

*** 185 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.

194 BIOTECHNOLOGY 0.5 credit. Course Length: Semester. Grade Level: 10-12.
This course examines the application of biological processes to solve problems, tracing its history from ancient food fermentation (root beer, cheese, yogurt, sauerkraut) to modern advancements like designer vaccines and human gene therapy, including 20th-century progress in medicine and genetic engineering. Students will master core lab techniques: micropipetting, DNA extraction, electrophoresis, DNA fingerprinting, PCR, bacterial culturing, and antibiotic testing. Critical discussions on the ethical dilemmas of genetic engineering are included.

195 ENVIRONMENTAL SCIENCE 0.5 credit. Course Length: Semester. Grade Level: 10-12.
This one-semester lab course assesses risks of natural and human-caused ecological problems. Students will develop and evaluate solutions for preventing or resolving these issues. The lab component involves gathering and analyzing pollution and population data. Both semesters integrate environmental science with human impact, though the Spring Semester emphasizes human activity's environmental influence.

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)

Business, Technical, Trades, and Leadership Electives

0.5 credit required for graduation.

264 INNOVATION LAB 1 0.5 credit. Course length. Semester. Grade Level: 9-12.
This course serves as an introduction to 2D and 3D modeling. Students will focus on creative problem-solving as they develop the foundational skills necessary to apply these tools across various professional fields, including engineering, business, and the arts. Throughout the semester, the student will gain hands-on experience with industry-standard technology, including vinyl cutters, laser cutters, and 3D printers. Mastering these tools prepares students for advanced projects and specialized applications in our follow-up course, Innovation Lab 2 at Concordia Academy.

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. *This course fulfills a 0.5 art credit.*

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. *This course fulfills a 0.5 art credit.*

**** 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.

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.

80 MENTOR VOLUNTEER 0.25 credit. Course length. Semester. Grade Level: 10-12.
In partnership with King of Kings or Central Park Elementary, students can earn service learning credit by being a teacher assistant in the classroom.

269 INTRODUCTION TO TRADES 1.0. Course Length. Year. Grade Level: 9-12.
Introduction to Trades is a class that allows students to experience hands-on opportunities to explore a variety of trades including electrical work, welding, woodworking, automotive, and more. In this workshop-style class, students will learn basic theory and terminology with practical application in producing, creating, and repairing materials within the trades. *A student fee will be assessed to offset the cost of supplies.*

273 WELDING AND FABRICATION 0.5. Course Length. Semester. Grade Level: 10-12.
This hands-on course teaches foundational welding and metal fabrication skills. Students complete project-based builds while practicing industry-standard safety and workmanship. The course prepares students for entry-level employment, apprenticeships, or further technical education in the skilled trades. *A student fee will be assessed to offset the cost of supplies.*

274 WOODWORKING 0.5. Course Length. Semester. Grade Level: 10-12.
This hands-on course teaches foundational woodworking skills, including shop safety, tool use, measuring and layout, joinery, and project design. Students build functional projects while developing precision, craftsmanship, and problem-solving skills. The course supports pathways into carpentry, construction, cabinetmaking, and related skilled trades. *A student fee will be assessed to offset the cost of supplies.*

270 A/B HOME ECONOMICS 0.5. Course Length. Year. Grade Level: 10-12.
In this home economics course, students learn about the many things it takes to run a household and live responsibly! This course covers topics such as cooking, baking, nutrition, fixing odds and ends around the home, sewing, health, hygiene, finance, and interpersonal communications. This allows students to sample the many facets of living on their own, as well as ways to be frugal by learning helpful skills. *A student fee will be assessed to offset the cost of supplies.*

*** 271 A/B FLORAL DESIGN ONLINE** 0.5. Course Length. Semester. Grade Level: 10-12.
Rewarding and fun, this course will spark your passion for flowers and give you the skills you need to select, purchase, and process fresh flowers and design for a variety of arrangements, including boutonnieres, corsages, centerpieces, and more! The course materials are designed for beginners, so no prior experience with flowers, flower arranging, or floral design is required. *A student fee will be assessed to offset the cost of flowers.*

267 GAME DESIGN 0.5. Course Length. Semester. Grade Level: 10-12.
This is a semester course that introduces students to game design and programming. Through a guided and structured approach, students learn to design, develop, and publish games. Students also learn about major programming topics like variables, functions, conditionals, and mouse/keyboard events while building fun and interactive games that they can play and share with others.

111 A/B FOUNDATIONS OF LEADERSHIP 1.0 Credit. Course length: Year. Grade Levels 9-12
The purpose of the class is to train students, through theory and practice, in the various aspects of leadership. Students who engage in this leadership class will learn to assess the wide variety of vocations they have at Concordia Academy, and wider communities, seeking opportunities to lead and influence appropriately within those callings. To foster these aptitudes, students will engage in project-based learning, with a focus on planning, promoting, executing and reflecting on key student experiences at Concordia Academy. Students must apply and be accepted. Strong candidates for this course will have a desire to support, lead and inspire a wide variety of all school events and activities.

272 BUSINESS LAB 0.5 Credit. Course length: Semester. Grade Levels 11-12
This independent time is for students in the business cohort to work on their research or capstone project.

**** 349 MAN 125 ENTREPRENEURSHIP: BUSINESS BEGINNINGS** 0.5 credit. 3 college credits. Course length. Semester. Grade Level: 11-12.
Learn what it means to be an entrepreneur while exploring foundational concepts in management, marketing, economics, and finance/accounting. Create a full business plan for a small business in class, making daily decisions about the business in a dynamic environment.

**** 460 FIN 215 COLLEGE PERSONAL FINANCE** 0.5 credit, 3 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. *Additional supply fee for workbook may be assessed.*

**** 462 CSS 102 INTRODUCTION TO COMPUTER SCIENCE** 0.5 credit, 3 college credits. Course length. Semester. Grade Level: 11-12.
Students will be introduced to a wide range of Computer Science topics. Some of the many aspects covered will include computer hardware, programming, operating systems, data analysis, operating systems, cyber security, artificial intelligence, networking, web applications, databases and emerging technologies.

*** 463 ECO 103 COLLEGE MACROECONOMICS** 0.5 credit, 3 college credits. Course length. Semester. Grade Level: 11-12.
This course will illustrate the dynamic integration of America within the global economy by focusing on macroeconomics policy areas such as trade, exchange rate policy and domestic economic policy. The course will also introduce students to alternative theoretical frameworks such as classical, Keynesian, monetarism, rational expectations, Marxist, and institutionalist perspectives. The course will explore problems facing the less industrialized countries and the newly emerging countries and the United States role in their development.

**** 464 DAT 105 EXCEL AND MODERN TECHNOLOGIES** 0.5 credit; 3 college credits. Course length. Semester. Grade Level: 11-12.
Students will develop proficiency in using Microsoft Excel for data analysis, modeling, and visualization, while also mastering key Office 365 applications

**** 465 ACC 205 FINANCIAL ACCOUNTING** 0.5 credit; 3 college credits. Course length. Semester. Grade Level: 11-12.
Students are introduced to the principles of financial accounting. Topics explored include the accounting cycle, transaction analysis, journal entries, adjustments, financial statement preparation and analysis, and closing entries. Students learn the basics of common financial statement accounts, including current assets, fixed assets, current liabilities, long-term debt, equity, revenue, and how expenses are covered.

**** 466 BUS 270 MODERN MARKETING** 0.5 credit; 3 college credits. Course length. Semester. Grade Level: 11-12.
This course will develop students' abilities in modern marketing techniques and technologies. The Google Digital Marketing & E-Commerce Certification is a required aspect that is integrated within the course. The certificate of completion will be a testament to the knowledge and skills of current marketing practices.

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.

*** 143 A/B HONORS WESTERN CIVILIZATION** 1.0 credit. Course length. Year. Grade Level: 10.
See course description for Western Civilization above. Honors Western Civilization will cover the same material but at an accelerated and more in depth rate of learning. *It will only be offered as an online course.*

**** 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).

**** 148 DIVERSE VOICES: WOMEN, AFRICAN AMERICANS, AND NATIVE AMERICANS IN AMERICAN HISTORY** 0.5 credit. Course length: Semester. Grade Level: 11-12.
This 11th–12th grade course will examine the central role women, African Americans, and Native Americans have played in shaping the political, economic, social, and cultural development of the United States from the colonial era to the present. Through primary and secondary sources students will analyze how these groups reshaped American ideals and contributed to our national identity.

**** 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.

**** 342 HIS 235 COLLEGE US HISTORY** I 0.5 credits; 3 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 238 COLLEGE US HISTORY II** 0.5 credit; 3 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 crisis, 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.

**** 351 SOC 151 INTRODUCTION TO SOCIOLOGY** 0.5 credit; 3 college credits. Course length: Semester. Grade Level: 11-12.
This course will promote sociological imagination, a common-sense approach to culture, politics, history, and psychology, and empower evidence-based reasoning. This course provides an empirical investigation into theory, family dynamics, cultural inequities, organizations, capitalism, democracy, and globalization in application-based exercises, albeit promoting critical thinking and problem skills developing a deeper understanding of social sciences.

**** 352 CJU 242 FOUNDATIONS OF THE CRIMINAL JUSTICE SYSTEM** 0.5 credit; 3 college credits. Course length: Semester. Grade Level: 11-12.
This course provides an introduction to the criminal justice system and criminology. Emphasis is placed on understanding the adjudication, corrections, and law enforcement systems. Students will explore crime, theories, terminology, functions, and relevant topics.

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 JOURNEY THROUGH 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.