



# CONCORDIA MUSTANGS

High School Course Guide  
2018-2019





## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### FROM THE CONCORDIA LEADERSHIP TEAM

Welcome to Concordia Lutheran Schools of Omaha! Whether you are just becoming acquainted with our school or if your family has been at Concordia for years, we are confident that you will find a school with a focus on academic excellence in a faith-filled community.

Located on two campuses, Concordia Academy and Concordia Jr.-Sr. High provide Christian education for children kindergarten - grade 12. Approximately 600 students are enrolled at Concordia each school year.

Concordia Lutheran Schools of Omaha, founded in 1996, is an association school of 16 Omaha congregations of the Lutheran Church-Missouri Synod.

Our faculty and staff represent a group of dedicated educational leaders, faithful to the development of young people's minds and hearts. Our families come from varied backgrounds with the commonality of commitment to Christian education. Great students coming from great families matched with great teachers produce great results!

Praying for God's blessings on our partnership,

**Mr. Nathan Domsch, *Elementary School Principal***

**Mrs. Amy Schwarting, *Jr.-Sr. High School Principal***

**Mrs. Cristine Minneman, *Director of Operations***

**Mr. Robert Cooksey, *Head of Schools***



# 2018-2019 ACADEMIC YEAR Concordia High School Course Guide

the **MISSION**  
OF CONCORDIA

our students are...

*Faith Secure* **WORLD READY**  
**KINGDOM LEADERS**

## CONCORDIA CORE VALUES

*A Welcoming Community . Christian Worldview, Kingdom Mindset . Quality Christian Education  
Servant Leadership . World Ready, Faith Secure Students*

## CONCORDIA BELIEFS

*"For I am not ashamed of the Gospel, for it is the power of God for the salvation of everyone who believes..."  
Romans 1:16*

Concordia Lutheran Schools of Omaha is, unashamedly, a Christian school. As an institution in close-working relationship with the Lutheran Church - Missouri Synod (LC-MS), we believe, teach and confess the unchanging truth of Holy Scripture as described in the Lutheran Confessions and the belief and practice of the LC-MS. At Concordia, we adhere to a creedal view of all of life:

- ***It is All His*** – God created the world and everything in it. Each individual is a unique creation of God. We are His people; our lives are not our own. We are God's instruments dedicated to extending and advancing his kingdom, both here in Omaha as well as abroad.
- ***He [Jesus] Saves*** – Our God is a God who saves. He came to us in our sinful state and redeemed us lost and condemned people, with His holy precious blood. We are a school of sinners, for sinners, who live in a constant state of grace through faith in Jesus Christ. We actively seek to assist parents and parishes in nurturing the Christian faith in our students through a life of Worship, Prayer and Discipleship.
- ***His Will is What's Best for Us*** – While we are washed in his blood and declared righteous before God, the battle still wages between our will and God's will. We desire to create an atmosphere that is consistent to the will of God; one that is intellectually challenging, and a model of Christian living in a genuine Christian community - safe and accepting of all individuals regardless of race, religion or social background, dealing with one another in love, living purposefully, growing spiritually, intellectually and physically. We desire to train our students for a life of Christ-centered living in the world, proclaiming the Good News, through a life of servant leadership in all our interactions and relationships.



# 2018-2019 ACADEMIC YEAR Concordia High School Course Guide

---

<b>Graduation Course Requirements</b> .....	<b>5</b>
<b>Grading Scale</b> .....	<b>6</b>
<b>AP/Dual Credit Information</b> .....	<b>7</b>
<b>Course Drop/Add Policy</b> .....	<b>8</b>
<b>Language Arts</b> .....	<b>9</b>
<b>Electives</b> .....	<b>10</b>
<b>Fine Arts</b> .....	<b>11</b>
<b>Health &amp; Physical Education</b> .....	<b>13</b>
<b>Math</b> .....	<b>14</b>
<b>Science</b> .....	<b>16</b>
<b>Social Studies</b> .....	<b>18</b>
<b>Theology</b> .....	<b>19</b>
<b>Vocational Education</b> .....	<b>20</b>
<b>World Language</b> .....	<b>21</b>
<b>Guidance/College Counseling</b> .....	<b>23</b>



# 2018-2019 ACADEMIC YEAR Concordia High School Course Guide

## GRADUATION COURSE REQUIREMENTS

*for Class of 2018 & beyond*  
*Total Credits: 30 | 1 semester = .5 credits*

Academic Dept.	Credits	Semesters	Must include (if applicable)
Theology	4	8	
English	4	8	Research Methods recommended for all college-bound students
Math	3	6	Advanced Algebra or beyond required for most college admissions and some colleges require 4 years
Science	3	6	Recommended: Biology, Chemistry, Physics
Social Studies	3	6	Civics or Government, US History
World Language	2	4	(International students are exempt)
Fine Arts	2	4	2 semesters of music
Vocational Ed	1.5	3	Personal Finance
PE	1	2	Health
Speech	.5	1	
Electives	6	12	Can be taken from any category above; Study Hall and TA may be counted towards Electives
<b>TOTAL</b>	<b>30</b>	<b>60</b>	

### TRANSFER CREDITS

Students who take summer, evening, or online coursework may transfer credit to Concordia High School if the course is first approved by the Guidance Office. If a student fails a course and retakes it, the "F" still appears on the transcript, but is no longer calculated into the GPA.

### TRANSFER STUDENTS

Students who transfer to Concordia High School will have all approved course work letter grades added to their transcript for credit purposes only. Transfer grades may not be rolled into Concordia High School's cumulative grade point average calculation or rank depending on year of transfer.



# 2018-2019 ACADEMIC YEAR Concordia High School Course Guide

## GRADING SCALE

100–93	A	4.0
92–90	A-	3.66
89–87	B+	3.33
86–83	B	3.0
82–80	B-	2.66
79–77	C+	2.33
76–74	C	2.0
73–70	C-	1.66
69–68	D+	1.33
67–66	D	1.0
65	D-	0.67
64–0	F	0

### Honor Roll - 3.500 | Superior Honor Roll - 3.900

GPA is the sum of grade points earned in a course multiplied by the number of credits for that course. This sum is then divided by total number of credits attempted for that semester.

**ROUNDING** - GPA is rounded from the hundredth decimal place to determine Honor Roll eligibility.

EXAMPLE 1: 3.4521 is rounded to 3.5 and attains Honor Roll status.

EXAMPLE 2: 3.4492 is not rounded to 3.5 and does not attain Honor Roll status.

EXAMPLE 3: 3.8504 is rounded up to 3.9 and attains Superior Honor Roll status.

## Dual Credit Courses

Dual Credit courses are weighted by one GPA point. Earning an A will be 5.0 points, B = 4.0, etc. Once a student takes a dual credit course, their entire GPA is considered "weighted" and unweighted GPA is unavailable.

## Rank

In close collaboration with local and national college admissions, Concordia Jr.-Sr. High does not rank due to the nature of our small class sizes, except for Valedictorian and Salutatorian of the senior class. Instead students are classified as follows:

### *Summa Cum Laude*

A graduating senior with a cumulative GPA of 4.0 or greater

### *Magna Cum Laude*

A graduating senior with a cumulative GPA between 3.800 – 3.999

### *Cum Laude*

A graduating senior with a cumulative GPA between 3.600 – 3.799



2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

## ADVANCED PLACEMENT AND DUAL CREDIT COURSES

Concordia Jr.-Sr. High is pleased to partner with local universities and College Board to offer dedicated students both Advanced Placement (AP) and Dual Credit (DC) courses. To enroll in these courses, students must have a junior or senior status with GPA over 3.0 or obtain teacher permission. Our high school teachers are approved adjunct instructors, meet certain university subject level requirements and/or are certified with College Board. These rigorous courses provide college level work in a convenient high school environment, perfect to aid in the college transition. We currently offer the following:

High School Course	University Cross Reference	College Credits
AP Calculus BC	N/A	-
DC Composition 102	Eng 102 – Experiences in Writing	3
DC Literature 201	Eng 201 – Intro to Literature	3
DC Biology 110	Bio 110 - Principles of Biology	4
DC Chemistry 115	Chem 115 – General Chemistry	4
DC Physics 110	Phys 110 – Principles of Physics	4
DC Spanish 101/102	Span 101/201- Beginning Spanish	6
DC Spanish 201/202	Span 201/202 – Intermediate Spanish	6
DC United States History 115	Hist 115 – United States History	3
DC Psychology 101	Psy 101 – Intro to Psychology	3

## DUAL CREDIT COURSES

Dual Credit (DC) courses provide opportunity for students to fulfill both high school and college credit requirements. Earning college credit is optional, but often saves students both time and money. Successful completion of DC courses earns students an official college transcript at a discounted tuition from Concordia University-Nebraska. Visit Concordia University's website for more information <http://wp.cune.edu/dualcredit/policies-and-practice/>

While most universities accept transfer credits and good AP scores, students should always confirm with the Admissions Office of each prospective college. Skim the course list on potential degree programs to determine relevance. (The courses above are accepted at Creighton, Concordia University-Nebraska, UNO, and UNL.) Details for university enrollments are addressed during the first few weeks of class. For more information on registration see <http://wp.cune.edu/dualcredit/dual-credit-course-registration/>

## PAYMENT FOR DUAL CREDIT COURSES

College tuition varies and is paid separately (not through TADS). As of January 2018, tuition was \$240 per course and is due in full within the first week of the course. Families pay by check or credit card to Concordia University-Nebraska. Classroom teachers provide further instructions for college registration and payment.

## GRADING FOR DUAL CREDIT COURSES

DC courses are weighted by one GPA point. For example, earning an A will be 5.0 points, B = 4.0, etc. Once a student takes a dual credit course, their entire GPA is considered "weighted".



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### **ADVANCED PLACEMENT COURSES**

Advanced Placement (AP<sup>®</sup>) Courses prepare students for College Board's standardized exams, which are widely accepted by universities in lieu of specific undergraduate courses. AP<sup>®</sup> exams are high stakes exams - meaning low scores exams will not be accepted by colleges. Students enrolled in an AP<sup>®</sup> course, do not have to take the exam but are encouraged to do so. A low grade on an exam will not necessarily lower the course grade. Check with individual teachers for their grading policies. For more information on College Board's AP<sup>®</sup> courses, visit <https://apstudent.collegeboard.org/apcourse>.

### **DROP/ADD POLICY**

During the summer, students desiring a schedule change submit an online form. Once school has begun, students come to the Guidance Office with their request within the first week of each semester.

### **General Courses**

#### *Drop*

The deadline to drop a class is the end of the first week of classes in each semester. Math or Spanish teachers may recommend a change for better placement through the second or third week of the class. No grade for the dropped course will be issued. The dropped course will not be reflected on the transcript. Any course dropped after the deadline will receive an "F" unless there are extenuating circumstances.

#### *Add*

The deadline to add is the end of the first week of classes each semester.

### **Dual Credit Courses**

To withdraw from the college portion of a Dual Credit course after the first three weeks of class, the student must fax a form to the Dual Credit office at Concordia University-Nebraska. The form must be sent at least two weeks before the final day of class. Students who withdraw will not receive a refund of tuition and will receive a "W" on their college transcript. The student will still remain in the course for high school credit and receive the grade earned on their high school transcript.



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### LANGUAGE ARTS

ENGLISH Graduation Requirement: 4 Credits

SPEECH Graduation Requirement: .5 Credit

#### **English 9**

(Two semester course, 1 credit/year)

The language arts program for the 9<sup>th</sup> grade builds on the writing and communication skills previously learned. Students continue to hone their writing skills and expand their understanding of the traits of effective writing. A review of the five genres of literature - oral tradition, poetry, fiction, drama, and non-fiction are highlighted, and students are encouraged to develop their own style of writing based on personal experiences, and those examples modeled by various authors.

#### **English 10**

(Two semester course, 1 credit/year)

The 10<sup>th</sup> grade language arts course focuses on building grammar and writing skills with a strong focus on MLA formatting. Students will complete pieces demonstrating their knowledge of the narrative, expository, descriptive, and persuasive styles of writing. *The Great Gatsby*, *Julius Caesar*, *Lord of the Flies*, and *The Scarlet Letter* are required reading. Students interact with and understand literature through a variety of discussions, activities, and writing projects.

#### **American Literature**

(Two semester course, 1 credit/year)

American Literature is a survey course intended for students in the 11<sup>th</sup> grade. Literature selections begin with Native American mythology and end with pieces from notable American Authors of the 21<sup>st</sup> century. Students will examine American culture and character through prose, poetry, and drama. A formal research project based on an American novel is a requirement of this course.

#### **British Literature**

(One semester course, .5 credit/semester)

British Literature is a semester survey course intended for students in the 11<sup>th</sup> or 12<sup>th</sup> grade. Literature selections begin from the Old English Period, starting with the epic, *Beowulf*, and continue through the Modern Period, ending with Mary Shelley's *Frankenstein*. Included in this survey course will be a study of William Shakespeare and his play *Othello*.

#### **Dramatic Literature**

(One semester course, .5 credit/semester)

In this course students will be exposed to the historical backgrounds, author biographies and staging direction of the major plays from the Greeks to the Moderns. The course is largely literature based with a small focus on dramatic writing.

#### **Research Methods**

(One semester course, .5 credit/semester)

This semester course builds on the research process introduced in other Concordia English courses. Students will study a variety of research methods, and translate that knowledge into independent research and the development of a detailed research paper. Assessment for this course includes meeting mandatory steps in a timely fashion, including outlines, bibliographies and note cards.



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### ***DC Literature & Composition***

(Two semester course, 1 credit/year)

Dual Credit Literature & Composition are the college courses ENG 102 and ENG 201 through Concordia University- Nebraska. These courses offer optional 6 college credits for a reduced college tuition fee. The course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery symbolism and tone. Prerequisites: Senior standing, Research Methods, English teacher recommendation, and a minimum cumulative GPA of 3.0.

### ***Speech***

(One semester course, .5 credit/semester)

In this required class, students will learn to construct a variety of speeches and present their work to the class. Presentations are commonly used in a wide variety of professions and college course work.

### ***Advanced Speech***

(One semester course, .5 credit/semester)

The Advanced Speech course has the aim of developing public speaking skills of Concordia students by writing, rehearsing, and performing speeches that meet NSAA competitive speech guidelines. Advanced Speech will also have components of an English course, including reading assigned materials and producing written works.

Prerequisites: Speech or instructor permission

### ***Journalism***

(One semester course, .5 credit/semester)

Journalism is counted towards Vocational Education or Elective requirements only. Students will be exposed to an overview of the history of journalism and the evolution of communications/media law in the United States. Throughout the semester students will conduct interviews, write a variety of stories and captions, edit copy, design paper/web layout, as well as gain an understanding of advertising. The students will also be exposed to the video and audio components of broadcasting.

### ***Yearbook***

(One semester course, .5 credit/semester)

Yearbook is counted towards Vocational Education or Elective requirements only. Students will examine the various techniques employed in interviews, editing, designs, and photography for a yearbook medium. Students will be responsible for the production of the Concordia Sr. High yearbook.

## **ELECTIVES**

### **Graduation Requirement: 6 Credits**

Electives may come from all categories. Once the requirement credits have been fulfilled in any given category, additional coursework rolls over into Electives. Study Hall and Teaching Assistantships count towards Electives.

### ***Study Hall***

(One semester, .5 credit/semester, no grade)

Students may take one Study Hall per semester and the credit goes towards Electives. Study Hall may include some instruction on active reading strategies, organization, time management, and study skills for students with any grades below a C.



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### ***Teaching Assistant (TA)***

(One semester course, .5 credit/semester)

Teaching Assistants may work in a classroom, the Front Office, or for an administrator. Teacher Assistants are responsible, trustworthy students who perform helpful tasks such as making copies, bulletin boards, running hallway/office errands, organizing papers, taking attendance, cleaning the boards, cleaning the lunchroom, etc. Prerequisite: sophomore - senior standing, GPA 3.0

## **FINE ARTS**

**Graduation Requirement: 2 Credits, 1 Credit must be in the area of music.**

### ***Music Technology***

(One semester course, .5 credit/year)

This project oriented class explores and works with many things in the realm of music technology. The iPad will be extremely useful as students work with different apps (especially GarageBand) to learn to develop ideas and skills. Grading is based on projects, in class participation and quizzes/tests.

### ***High School Band***

(Two semester course, 1 credit/year)

High school band is a performance ensemble for students in grades 9-12 to continue to develop their musicianship through playing challenging music of the concert band repertoire. This course may be taken more than once as an elective. Grading is based on participation in class, attendance at concerts, practice time and music theory and literacy.

### ***Chorale***

(Two semester course, 1 credit/year)

Chorale is an auditioned group of singers from grades 9-12 who perform a more challenging repertoire for concerts and various community functions. Strong musicianship and commitment are expected of the students who make it into this elite vocal ensemble. An audition is required for enrollment in this course.

### ***Guitar***

(Two semester course, 1 credit/year)

In this full-year course for students in grades 9-12, students learn all basic chords, basic strumming and picking patterns, and how to play from music notations and tablature. Students are graded on skill proficiency, written tests, and required "in class" recitals/performances. No previous musical experience is required. Students are required to enroll for both semesters.

### ***Handbell Choir***

(Two semester course, .5 credit/year - credit only offered for students in grades 9-12)

Handbell Choir is a performance ensemble course, open to students in grades 6-12. Throughout the year, the group will perform for concerts, churches, and various community events. A variety of music will be explored and multiple ringing techniques will be utilized. Previous experience is not necessary. Class is held 2 days/week during zero hour (before school).

### ***Harmonix***

(Two semester course, .5 credit/year)

The vocal group Harmonix is a "contemporary acapella" ensemble complete with bass and mouth percussion. Repertoire is primarily pop music and the arrangements are often created by the group. An audition is required for enrollment in this course. Class is held 2 days/week during zero hour (before school).



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### ***Jazz Band***

(Two semester course, .5 credit/year)

Jazz band is an introduction to music and styles particular to the jazz idiom. Techniques of jazz playing, including improvisation, are the focus of the course. Students are asked to play in the majority of jazz styles, including big band/swing, rock, blues, ballads, Latin, and fusion. An audition is required for enrollment in this course. Class is held 2 days/week during zero hour (before school).

### ***Orchestra***

(Two semester course, 1 credit/year)

String players will use their musical talents to perform a wide variety of music for church services, concerts, and various events throughout the year. Previous experience on a stringed instrument is recommended, for exceptions please contact the Orchestra teacher before enrolling. This course may be taken more than once as an elective.

### ***Worship Arts***

(Two semester course, 1 credit/year)

In this class, students will learn musical, technical, practical and spiritual practices that go into the planning and leading of contemporary worship services. Our primary goal is excellence in worship leading at Concordia's weekly chapel services. Students also have opportunities to share our music in area churches and schools.

### ***Introduction To Art***

(One semester course, .5 credit/semester)

Students will be introduced to materials, techniques, concepts, and processes important to understanding visual arts. This will be done through different projects, readings, sketches and research. This class will provide a basis for all future art classes by developing a basic understanding for the Elements (line, shape, form, value, space, texture and color) and Principles of Design (emphasis, rhythm, movement, unity, pattern, balance and contrast.)

### ***Drawing I***

(One semester course, .5 credit/semester)

Students will continue with the Elements and Principles of Design - line, shape, form, value, space, texture and color, emphasis, rhythm, movement, unity, pattern, balance and contrast. This class will learn pencil blending, use of linear perspective, and self-portraiture. Additionally, students will understand the process of problem solving, brainstorming and reworking a basic skill. Prerequisite: Intro to Art

### ***Drawing II***

(One semester course, .5 credit/semester)

Students will explore drawing as an art form, using their personal experiences as reference to creativity. Various types of drawing will be continued from still life to imagination. This class will develop visual awareness and appreciation as continued from Drawing I. Prerequisites: Drawing I, Intro to Art

### ***Painting I***

(One semester course, .5 credit/semester)

Students will study introductory painting with transparent watercolor and acrylic from still life, landscape, and figurative subjects. History of the medium as well as contemporary approaches will be developed throughout the class. Prerequisite: Intro to Art



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### ***Painting II***

(One semester course, .5 credit/semester)

An upper level course designed for the student who wishes to further develop skills and techniques. This is the course for any student wishing to develop a portfolio. Students will be continually encouraged to expand their creative ideas as well as their technical potential. The painting course utilizes various techniques and materials.

Prerequisites: Painting I, Intro to Art

## **HEALTH & PHYSICAL EDUCATION**

Graduation Requirement: 1 Credit including Health and any P.E. course

### ***Health***

(One semester course, .5 credits/semester)

This course focuses on "Total Health" which includes 4 aspects of healthy living: physical, spiritual, mental and social. Spiritual health is placed at the center as it affects all other areas of life. Topics covered in this course include nutrition, fitness, diseases and disorders, first aid and hygiene.

### ***Physical Education***

(One semester course, .5 credit/semester)

By setting goals students will improve strength, aerobic and mobility training through a variety of physical activities including introduction to weights and sports. Skills, rules and gameplay will also be included. Students will gain the know-how to develop and maintain lifelong musculoskeletal strength and resilience.

### ***Lifetime Fitness***

(One semester course, .5 credit/semester)

Students will learn and participate in both traditional and non-traditional fitness settings encompassing activities that can be utilized throughout a lifetime. This course focuses on sports, games, skills, rules and gameplay. Sports include: Soccer, Flag Football, Softball, Floor Hockey, Fitness, Basketball, Volleyball, etc. Students will be encouraged to stay active in these activities following their educational experience. Prerequisites: Sophomore or higher

### ***Weight Training***

(Two semester course, 1 credit/year)

Weight training is core strength and conditioning. The fitness developed is foundational to all other athletic requirements. Much of the fitness in this course focuses on the hips and torso - the "core" of the human body. Almost all athletic movements such as jumping, running, throwing, swimming, shooting a basketball, tackling, hitting a volleyball, etc.-originate at the hips and torso then radiate outward. Course can be taken 1 or 2 semesters. Our weight training program is currently differentiated among the following courses:

***Girls' Athletic Performance*** - for the female athlete (Two semester course, 1 credit/year)

***Boys' Athletic Performance*** - for the male athlete (Two semester course, 1 credit/year)



# 2018-2019 ACADEMIC YEAR

## Concordia High School Course Guide

### MATH

#### Graduation Requirement: 3 Credits

\*Some colleges prefer four years of Math (see note on MATH PLACEMENT)

\*Students are strongly encouraged to take four years of Math with each course building on the previous year.

#### MATH PLACEMENT

##### ADMISSIONS EXAM:

Incoming freshmen from other schools will take the placement exam to confirm course. The Orleans-Hanna informs a 'pass' for Pre-Algebra. Previous coursework and grades are also considered for proper placement.

##### PLACEMENT:

All current 8<sup>th</sup> grade students in Pre-Algebra earning a grade of C or higher who pass the placement exam will be placed in Algebra. Students with math deficiencies who do not pass the placement exam may opt to take Pre-Algebra their 9<sup>th</sup> grade year.

Current 8<sup>th</sup> grade students in Algebra who have a B or higher will be placed in Geometry. Students who have a C or below will be placed in Algebra their 9<sup>th</sup> grade year.

Current 8<sup>th</sup> grade students in Geometry who have a B or higher will be placed in Advanced Algebra. Students who have a C or below will be placed in Geometry their 9<sup>th</sup> grade year.

Current 8<sup>th</sup> grade students in Advanced Algebra who have a B or higher will be placed in Pre-Calculus. Students who earn a C or below will be placed in Advanced Algebra their 9<sup>th</sup> grade year.

*Note: Regardless of the grade earned, mastery of the material is essential to move on to the next class. Current 8<sup>th</sup> graders who earn a low A or B have the option to retake the class as a freshman.*

##### GRADUATION & COLLEGE REQUIREMENTS FOR MATH:

Three years of high school math are required for graduation. Traditional 4-year universities will require students to have Advanced Algebra and some colleges such as UNL prefer four years of high school math including at least one class beyond Advanced Algebra such as Pre-Calculus or AP Calculus.

### MATH COURSE SEQUENCE

#### Track 1

9<sup>th</sup> Pre-Algebra

10<sup>th</sup> Algebra

11<sup>th</sup> Geometry

12<sup>th</sup> Advanced Algebra (as an elective)

#### Track 3

9<sup>th</sup> Geometry

10<sup>th</sup> Advanced Algebra

11<sup>th</sup> Pre-Calculus

12<sup>th</sup> Statistics or AP Calculus BC (as an elective)

#### Track 2

9<sup>th</sup> Algebra

10<sup>th</sup> Geometry

11<sup>th</sup> Advanced Algebra

12<sup>th</sup> Pre-Calculus

#### Track 4

9<sup>th</sup> Advanced Algebra

10<sup>th</sup> Pre-Calculus

11<sup>th</sup> AP Calculus BC

12<sup>th</sup> Statistics or online college course\*

\* See the Guidance Office for further information on examples of online college courses through Metro Community College, UNO, UNL, or other colleges. Classes may include Calculus III, Differential Equations, and Linear Algebra.



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### ***Pre-Algebra***

(Two semester course, 1 credit/year)

Pre-Algebra lays a foundation for Algebra. Major topics include simplifying expressions, solving linear equations, problem solving, inequalities, absolute values, graphing linear equations, basic systems of equations, laws of exponents, introduction to quadratics, rationals, radical expressions, finding area and volume of 2 and 3 dimensional shapes, and analyzing data. (Note - Students who begin high school with Pre-Algebra are encouraged to take 4 years of math ensuring completion of Advanced Algebra for college admissions.)

### ***Algebra***

(Two semester course, 1 credit/year)

Algebra is the foundation of all future math courses. Topics studied include problem solving with single and multi-step equations; inequalities, systems of equations, exponents, polynomials, factoring, graphing linear, quadratic, and exponential functions; radical simplification, and data analysis and probability. A scientific calculator is recommended for this course.

### ***Geometry***

(Two semester course, 1 credit/year)

Taught inductively, Geometry is an introduction to spatial relationships in our working world. Students will investigate and discover the rules of Geometry individually and in groups with teacher guidance. An emphasis is placed on organizational skills and self-discipline throughout the course. Prerequisite: Algebra (if Algebra is taken in 8th grade, a B or higher is required).

### ***Advanced Algebra***

(Two semester course, 1 credit/year)

This rigorous course expands on topics introduced in Algebra, and introduces matrices, logarithms, conics, sequences/series, complex numbers, and trigonometry. Topics in statistics and application of algebraic techniques in technology and the "real world" are integrated frequently. The TI-83 or 84 graphing calculator is recommended for this course. Prerequisites: Algebra and Geometry

### ***Pre-Calculus***

(Two semester course, 1 credit/year)

This course is strongly recommended for any college bound student, in preparation for College Algebra. Topics include graphing functions, inverse functions, higher degree polynomials, logarithmic equations, trigonometric identities and functions, vectors, multivariable systems, probability, matrices, conics, polar coordinates, and limits. The TI-83 or 84 graphing calculator is recommended for this course. Prerequisites: Algebra, Geometry, and Advanced Algebra.

### ***Statistics***

(Two semester course, 1 credit/year)

Students will collect, organize, analyze, and draw conclusions from data. Students will perform statistical experiments where they collect their own data and analyze that data with proper statistical terminology. To develop effective statistical communication skills, each student will be required to prepare frequent written and oral analysis of real world data. The use of a TI-83 or TI-84 is mandatory. Prerequisites: Algebra, Geometry, Advanced Algebra, and Pre-Calculus.



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### **AP<sup>®</sup> Calculus**

(Two semester course, 1 credit/year)

Calculus is taught using graphical, numerical, and algebraic modes of learning. The concepts of the derivative and integral will be explored in addition to the exploration of optimization, related rates, and revolving solids from 2d profiles. Preparation for the AP<sup>®</sup> Calculus Exams (Both AB and BC) will be available for motivated students. The TI-83 or 84 graphing calculator is recommended for this course. Prerequisites: Pre-Calculus, math teacher recommendation, and a minimum cumulative GPA of 3.0.

## **SCIENCE**

### **Graduation Requirement: 3 Credits\***

\* Students are strongly encouraged to take four years of Science

### **Physical Science**

(Two semester course, 1 credit/year)

Physical Science serves as an introduction to the basic principles of chemistry (first semester) and physics (second semester). Students will study states of matter, changes in matter, the atom and the periodic table in the first semester. Second semester topics include: motion, force, work and energy, heat and temperature, waves, sound and light.

### **Biology**

(Two semester course, 1 credit/year)

Biology is the study of life. Life in nearly all forms is studied in this course from plants to animals, bacteria to fungi. Initially, an ecological approach is taken through studying populations and ecosystems and organism interactions at those levels. The focus then turns to cells and genetics including heredity and the process of new life. Different groups of organisms are then studied in more details with a final focus on humans.

### **Chemistry**

(Two semester course, 1 credit/year)

Chemistry is the study of matter and the energy that accompanies changes in matter. This course begins with a review of the basics of the scientific method, scientific calculation and measurement, and the metric system. It then moves to topics specific to chemistry including: the branches of chemistry, classifying matter, physical and chemical changes, the atomic theory, electrons and quantum theory, the periodic law, bonding, nomenclature, chemical reactions, the mole concept and stoichiometry, states of matter and the kinetic molecular theory, solutions, acid/base chemistry, and other areas of physical, quantitative, and organic chemistry as time allows. Prerequisites: Biology, concurrent Advanced Algebra or Algebra grade of at least B+

### **Ecology**

(Two semester course, 1 credit/year)

Ecology contains two different areas of study. The first involves identification of native plants, and various native animals. The second involves the basics of ecological principles, namely studying interactions between organisms, populations, natural cycles within the environment, and also how humans can benefit or be of detriment to the environment.



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### ***Human Anatomy & Physiology***

(Two semester course, 1 credit/year)

The two areas studied in this course are anatomy, that is, the parts of the body, and physiology, how all these parts work together. These two concepts will be addressed concerning all of the main systems of the body: the skeletal, nervous, digestive, reproductive, immune, endocrine, integumentary, respiratory, and circulatory. This course includes hands-on learning.

Prerequisites: Biology, Chemistry

### ***Principles of Engineering***

(Two semester course, 1 credit/year)

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem-solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Prerequisite: Advanced Algebra (may be concurrent).

### ***DC Physics***

(Two semester course, 1 credit/year)

Dual Credit Physics is the college course PHY 110 through Concordia University-Nebraska (CUNE). This course offers optional 4 college credits with accompanying college tuition. DC Physics is a solid general education course for all students as well as a preparatory course for future science majors. DC Physics provides a basic understanding of the world we live in including the following topics: kinematics, forces, energy, momentum, fluids, electricity, magnetism, sound, and optics. Prerequisites: Chemistry, Pre-Calculus (may be concurrent), and GPA over 3.0.

### ***DC Chemistry***

(Two semester course, 1 credit/year)

Dual Credit Chemistry is the college course CHEM 115 through Concordia University-Nebraska (CUNE). This course offers optional 4 college credits with accompanying college tuition. DC Chemistry provides a greater understanding of the world we live in, a solid general education course for all students, and serves as an introductory class for students hoping to major in Biology or Chemistry. The major topics of the course are matter, compounds, stoichiometry, gases, energy, atomic structure, chemical bonding, intermolecular forces, and solutions. Chemistry involves applied algebra, to determine the amounts of different compounds produced in chemical reactions, temperatures on different temperature scales, volumes and pressures of gases, and many other quantities, manipulating fractions, and using ratios and proportions. Prerequisites: Chemistry, Advanced Algebra, and GPA over 3.0.

### ***DC Biology***

(Two semester course, 1 credit/year)

Dual Credit Biology is the college course BIO 110 through Concordia University-Nebraska (CUNE). This course offers optional 4 college credits with accompanying college tuition. This course will involve the fundamental aspects of Biology, the study of life. While Cellular Biology is the principle focus, other topics will transcend all levels of hierarchy in the biological world from atoms and molecules to organelles and cells, individual organisms, populations, and ecosystems. Topics at the organismal level will include genetics, taxonomy and structure, and function with an emphasis on plants and animals. Principles of Population Biology, Evolution (natural selection and speciation) and Ecology will be both stand alone units and intertwined through course. Prerequisites: Chemistry, Advanced Algebra, and GPA over 3.0.



# 2018-2019 ACADEMIC YEAR

## Concordia High School Course Guide

### **SOCIAL SCIENCE**

#### **Graduation Requirement: 3 Credits**

\*Must include US History + Civics or Government

#### ***Civics***

(One semester course, .5 credit/semester)

This 9th grade level course centers on the basic functions and structure of the United States government and the responsibilities of a United States citizen. The structure and functions of the executive, legislative, and judicial branches are emphasized throughout the semester.

#### ***World History I***

(One semester course, .5 credit/semester)

This 9th grade level course surveys the history of the world from early Mesopotamian civilizations to the Age of European Discovery. The students participate in a variety of assignments and activities to bring history to life and apply it to present day situations.

#### ***U.S. History***

(One semester course, .5 credit/semester)

This course surveys the history of the United States from the English colonization to the present day. The students participate in a variety of assignments and activities to bring history to life and apply it to present day situations. This class is a high school graduation requirement.

#### ***United States History Through Film I***

(One semester course, .5 credit/semester)

The students learn about U.S. history through the lens of 20th century American filmmakers. The students complete a viewing guide and movie critique upon the completion of each film as well as participate in class discussion. A variety of movies from different time periods and topics are shown in the class.

#### ***World History Through Film II***

(One semester course, .5 credit/semester)

The students learn about world history through the lens of 20th century filmmakers. The students complete a viewing guide and movie critique upon the completion of each film as well as participate in class discussion. A variety of movies from different time periods and topics are shown in the class.

#### ***World History II***

(One semester course, .5 credit/semester)

This 11th/12th grade level course surveys the history of the world from the enlightenment to the present day. Special emphasis is placed on relating the subject material to a Biblical worldview. The students participate in a variety of assignments and activities to bring history to life and apply it to present day situations.

#### ***Economics***

(One semester course, .5 credit/semester)

This 11th/12th grade level course covers basic macro and micro economic principles. It also involves the students participating in



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

activities to promote responsible economics on the individual level as United States consumers.

### **Government**

(One semester course, .5 credit/semester)

This 11th/12th grade level course covers the structure and functions of the United States government as well as advanced government concepts and politics. Students also work to understand their role as citizens of a democracy as they monitor and discuss current events.

### **DC United States History**

(One semester course, .5 credit/semester)

Dual Credit United States History is the college course HIST 115 through Concordia University-Nebraska (CUNE). This course offers optional 3 college credits for a reduced college tuition fee. Topics include history of the United States from English colonization to the present day. Special emphasis is placed on understanding the importance of people, dates, and places in the development of United States and its impact on the world today. Prerequisites: junior or senior standing, teacher recommendation, and GPA of 3.0.

### **DC Psychology**

(One semester course, .5 credit/semester)

Dual Credit Psychology is the college course PSY 101 through Concordia University-Nebraska (CUNE). This course offers optional 3 college credits for a reduced college tuition fee. Topics include research about human thoughts, feelings, and behaviors as biopsychosocial events. The course specifically includes topics such as nature vs nurture, research design, biology of the brain, neurotransmitters/chemical messaging processes, the endocrine system, stages of development including gender/sexual development, emotions, motivation, sensory perception, pain, cognition, memory, personality, disorders, and psychological treatments. Prerequisites: junior or senior standing, teacher recommendation, and GPA of 3.0.

## **THEOLOGY**

Graduation Requirement: 4 Credits

### **God's Story I - Old Testament**

(Two semester course, 1 credit/year) - Freshman Year

This freshman theology course is a study of "Act I" of the drama of scripture - the Old Testament. Special emphasis is placed on the faithfulness of God to his promises throughout the Old Testament and how those promises point back to the first promise found in Genesis 3:15 causing us to look to Jesus. The goal of this curriculum is to build a foundation on the central message of the Christian faith, the person and work of Jesus.

### **God's Story II - New Testament**

(Two semester course, 1 credit/year) - Sophomore Year

The sophomore theology course continues the study of scriptures by looking at "Act II": The life of Jesus and the Growth of the church. This builds off Act I and continues the grand story of Scripture through which God invites us to be participants through our involvement in the Church. This will be a brief introduction to the Intertestamental Period as well as a focus on the Gospels and Pauline Epistles.



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### ***Saved By Grace - Christian Theology***

(Two semester course, 1 credit/year) - Junior Year

In this course, students will learn foundational teachings of the Christian faith. Students will examine the Christian understanding of God, the life and work of Jesus, and the work of the Holy Spirit. Additional topics include humanity, sin, conversion, sacraments, the Church, Christian death and the second coming of Christ both biblically and through the lens of historical Christian Creeds and other Christian thinkers. Throughout the course, the love of God as seen primarily through the person and work of Jesus will be emphasized and applied to all doctrines and life situations.

### ***World Religions/Vocational Life***

(Two semester course, 1 credit/year) - Senior Year

In the first semester of this course, students will study the various religions of the world and learn how to respond to their teachings. The second semester will focus on asserting the truth of Jesus in a hostile world and how students' lives are a calling (vocation) to serve others around them. Through the course, students will be encouraged to wrestle with tough real life issues so they can learn to listen, respect others' opinions and respond in a loving manner.

### ***Intro to Christianity***

(One semester course, .5 credit/semester)

This class will focus on the very basics of Christianity by learning about what Christians believe. There will be a strong focus on the themes found in the Bible of love, forgiveness, grace and the perfection of God. We will discuss both the Old and New Testament and do weekly memory tests. Time will be spent discussing how our memory verses direct Christians to live.

## **VOCATIONAL EDUCATION**

**Graduation Requirement: 1.5 Credits**

\*Must include Personal Finance

### ***Accounting***

(Two semester course, 1 credit/year)

This course is designed to study fundamental accounting principles. Emphasis is placed on maintaining financial records concerned with business management while keeping in mind Christian business ethics. The accounting cycle will be covered for two types of businesses, proprietorships (First Semester), and corporations (Second Semester).

### ***Business Law***

(Two semester course, 1 credit/year)

The Business Law course presents the study of legal rights and responsibilities necessary to be informed and productive citizens, employees, employers and consumers in a free enterprise system. Students will understand the relationship between ethics and law in conducting business in a Christian manner. Business Law covers many topics that students will face down the road including: leasing real estate, creating/signing sales contract, buying a home, acquiring insurance, and creating wills.

### ***Entrepreneurship***

(One semester course, .5 credit/year)

You may have the next great business idea! In Entrepreneurship, you will use online resources, case studies, activities and projects to develop small business leadership skills. You will cover relevant topics like traits and skills of an entrepreneur, business finance, business marketing, and business management as well as having the opportunity to advance your own business idea over the course of the semester.



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

### ***Introduction To Business***

(One semester course, .5 credit/semester)

Introduction to Business introduces students to the role of business in the lives of individuals, consumers, workers, and citizens. The course covers small business management, business fundamentals, career planning, social responsibility and ethics, basic economics, technology, financial operation, risk management, consumer decision making, and insurance. This course is the very first business course students will take; therefore, it covers topics with a survey-like approach. Students should plan on learning about a wide variety of business topics and subjects.

### ***Computer Applications***

(One semester course, .5 credit/semester)

Computer Applications class is designed to prepare students for advanced usage of important computer applications found in Microsoft Office 2010. Many of these skills will be used in college or in the business world. Various tools in Office include: advanced word processing, spreadsheets, chart and graph software, and presentation software. Students will build on current knowledge and continue to hone and develop computer skills necessary for their higher education and work setting.

### ***Personal Finance***

(One semester course, .5 credit/semester)

A recent survey shows that 89% of teens want to learn more about how to make their money grow. This is the chance! Personal Finance is the course to learn about money management instruction. The course is built around the High School Edition of Dave Ramsey's Foundations in Personal Finance. This course will provide students with sound financial principles, including: budgeting, saving, investing, as well as many more. This class is a high school graduation requirement.

### ***Marketing***

(One semester course, .5 credit/semester)

Marketing will allow students to understand and apply marketing and management and entrepreneurial principles to make rational economic decisions and to exhibit social responsibility in a global economy. Students will learn how to use marketing for personal use, career exploration, and the development of advanced management and entrepreneurial skills.

### ***Yearbook***

(One semester course, .5 credit/semester)

Please see Language Arts

### ***Journalism***

(One semester course, .5 credit/semester)

Please see Language Arts



## 2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

## WORLD LANGUAGE

### Graduation Requirement: 2 Credits\*

\*International students are exempt from this requirement.

Some universities require more than 3 years. Some universities will exempt degree requirements if 4 years of high school language are taken.

### **Spanish 1**

(Two semester course, 1 credit/year)

Students in Spanish 1 are introduced to a variety of basic Spanish and Latin American vocabulary, grammar, and culture. An emphasis is placed on acquiring the four basic language skills: listening comprehension, reading, speaking, and writing.

### **Spanish 2**

(Two semester course, 1 credit/year)

Spanish 2 reviews and builds on the grammatical structures of Spanish 1. As with the previous course, the emphasis is on communication and the four basic language skills. Knowledge of the culture of Spanish speaking countries is expanded.

### **DC Spanish 101**

(One semester course, .5 credit/semester)

Dual Credit Spanish 101 is the college course SPAN 101 through Concordia University-Nebraska (CUNE). This course offers optional 3 college credits for a reduced college tuition fee. The student will be involved in creative writing, conversational exercises and reading authentic short stories and other literature from Spanish-speaking countries. Prerequisites: Spanish II, junior or senior standing, Spanish teacher recommendation, and a minimum cumulative GPA of 3.0.

### **DC Spanish 102**

(One semester course, .5 credit/semester)

Dual Credit Spanish 102 is the college course SPAN 102 through Concordia University-Nebraska (CUNE). This course offers optional 3 college credits for a reduced college tuition fee. This course provides students with the opportunity to earn high school and college credit for Spanish. The student will be involved in creative writing, conversational exercises and reading authentic short stories and other literature from Spanish-speaking countries. Content from DC Spanish 101 will be built upon and expanded. Prerequisites: Spanish II, DC Spanish 101, junior or senior standing, Spanish teacher recommendation, and a minimum cumulative GPA of 3.0.

### **DC Spanish 201**

(One semester course, .5 credit/semester)

Dual Credit Spanish 201 is the college course SPAN 201 through Concordia University-Nebraska (CUNE). This course offers optional 3 college credits for a reduced college tuition fee. Content from DC Spanish 101/102 will be built upon and expanded. The student will be involved in creative writing, conversational exercises, as well as reading authentic short stories and other literature from Spanish-speaking countries. Class is taught mostly in Spanish. Prerequisites: Spanish II, DC Spanish 101, DC Spanish 102, junior or senior standing, Spanish teacher recommendation, and a minimum cumulative GPA of 3.0.



# 2018-2019 ACADEMIC YEAR Concordia High School Course Guide

## GUIDANCE AND COLLEGE COUNSELING

### ***DC Spanish 202***

(One semester course, .5 credit/semester)

Dual Credit Spanish 202 is the college course SPAN 202 through Concordia University-Nebraska (CUNE). This course offers optional 3 college credits for a reduced college tuition fee. Content from DC Spanish 201 will be built upon and expanded. The student will be involved in creative writing, conversational exercises and reading authentic short stories and other literature from Spanish-speaking countries. Class is taught in Spanish. Prerequisites: Spanish II, DC Spanish 101, DC Spanish 102, DC Spanish 201, junior or senior standing, Spanish teacher recommendation, and a minimum cumulative GPA of 3.0.

### **Overview of Services**

Concordia High School's Guidance Program follows guidelines of the ASCA - American School Counseling Association's comprehensive model which provides services to all students to further develop personal/social, spiritual, academic, and vocational growth including career exploration and college planning. Delivery services include immediate personal response, individual academic and course advisement, classroom instruction, parent/teacher consultation, and occasional small groups. While our school counselor is trained in solution-focused, cognitive-behavioral Christian counseling techniques, students who require ongoing therapy are referred to licensed community mental health providers.

Concordia High School is pleased to offer students college and career planning tools through Naviance Family Connection and Nebraska Career Connections. Additional services include arranging guest speakers and college admission personnel, standardized testing of PSAT and Pre-ACT, and organizing college campus field trips and/or admission representative visits.

### **Academic Success Center**

The Academic Success Center is supported by Guidance and provides resources and accommodations for students with special academic needs. Students qualify for accommodations depicted in a Customized Learning Plan if they have a professional diagnosis of a condition that impedes learning. Accommodations may in part include extended time on exams, separate testing room, one-on-one reteaching during Guided Study Hall, or copy of notes for example. All students are welcome to benefit from ASC's tutoring services, Math Help Lab, and Writing Labs after school.

### **Guidance Curriculum Framework**

#### ***8<sup>th</sup> Grade***

High School Course Planning & Registration, Career Exploration - Nebraska Career Connections, Learning Style Inventories, Conflict Resolution, Social and Behavioral Topics

#### ***9<sup>th</sup> Grade***

High School Success , Pre-ACT Standardized Testing, Course Planning & Registration, Personality Inventory - True Colors, Nebraska Career Connections (Kuder Career Interest Inventory, Career Values Assessment), Social and Behavioral Topics



2018-2019 ACADEMIC YEAR

# Concordia High School Course Guide

## **10<sup>th</sup> Grade**

PSAT Standardized Testing, Course Planning & Registration, College 101 (types of colleges, types of degrees, building college list), Naviance Family Connection - college search tools & list, Career Cluster Inventory and exploration, class field trip to college campus (Creighton University or other)

## **11<sup>th</sup> Grade**

PSAT/NMSQT Standardized Testing , College 201 (college majors, applications, college essays, scholarships, visits, & best-fit), Naviance Family Connection - refining the College List, Holland Codes CareerKey Inventory and exploration, class field trip to college campus (Concordia University Nebraska), Junior Counselor Meeting (individual appointments include senior credit check, course planning, registration, and college planning)

## **12<sup>th</sup> Grade**

College 301 (applications, deadlines, best fit, decisions, how to make the most of freshman year in college)  
Individual help with college applications as needed, letters of recommendation and counselor reports for applications, , Naviance Family Connection - Gallup StrengthsFinder, refine college list, order transcripts

---

***The Lord bless you and keep you;  
the Lord make his face to shine upon you and be gracious to you;  
the Lord lift up his countenance upon you and give you peace.***

***Numbers 6:24-26***

***To him be all the honor, glory, and power forever and ever. Amen.***