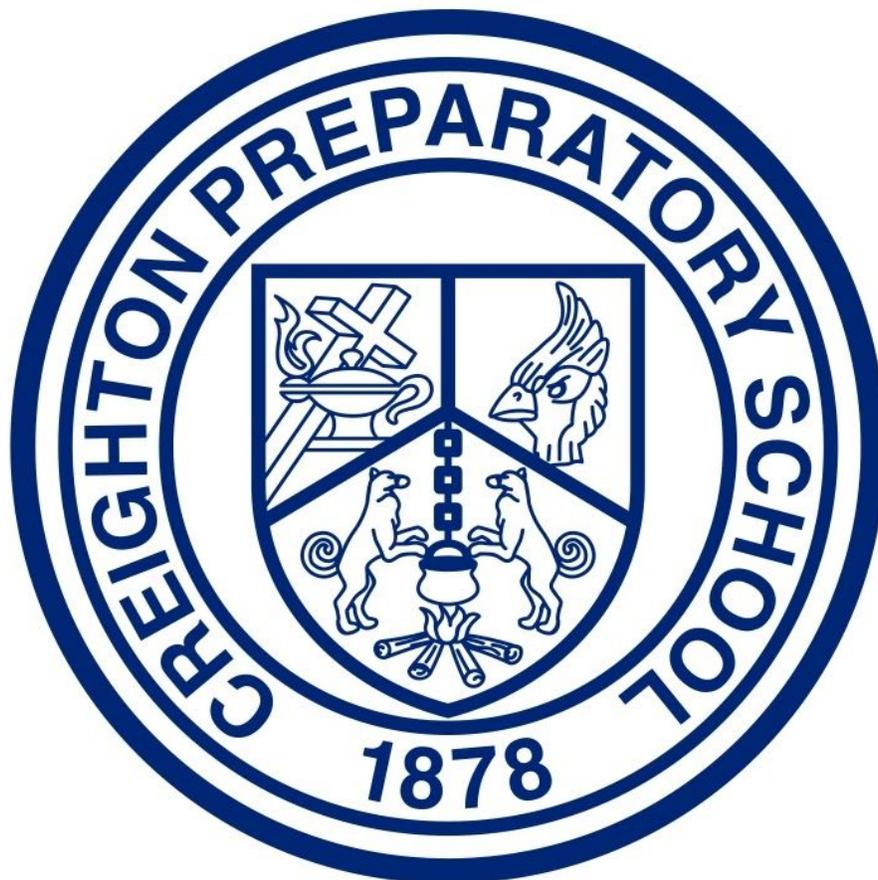


# CREIGHTON PREP



**COURSE CATALOG  
2021-2022**

## TABLE OF CONTENTS

GRADUATION REQUIREMENTS	2
GRADUATION REQUIREMENTS AND CREDIT CHECKLIST	3
PROGRAM OF STUDY	4
Courses That Require Recommendations	4
New Courses for 2021-2022	4
Advanced Placement and Dual Enrollment Courses	5
ACADEMIC CONSIDERATIONS	6
Requirements for Assured Admission - University of Nebraska Schools	6
Honors, Advanced Placement and Dual Enrollment Courses	6
What Colleges Look For In Admissions	6
ACADEMIC OFFERINGS	8
DESIGN TECHNOLOGY OFFERINGS	9
ENGLISH OFFERINGS	10
FINE ARTS OFFERINGS	12
Art Offerings	12
Media Offerings	14
Music Offerings	15
MATHEMATICS OFFERINGS	17
PHYSICAL EDUCATION OFFERINGS	20
SCIENCE OFFERINGS	21
SOCIAL STUDIES OFFERINGS	23
THEOLOGY OFFERINGS	26
WORLD LANGUAGE OFFERINGS	29

## GRADUATION REQUIREMENTS

In order to graduate from Creighton Prep all students must earn 24 credits. With a few exceptions noted in the course descriptions, semester classes earn 0.5 credits and full-year classes earn one 1.0 credits.

Freshmen and sophomores must take seven classes. Juniors and seniors must take six classes but may elect to take seven. A student's schedule of classes should represent at least four academic areas per semester. In other words, a student should not enroll in three or more classes in any one discipline, for example, three English classes. Exceptions may be granted only by the Academic Principal. A student must complete the following requirements in order to graduate from Creighton Prep.

Subject	Years	Credits	Guidelines
<b>English</b>	4	4.0	English is required every semester. Seniors must take literature and composition courses.
<b>Theology</b>	4	4.0	Theology is required every semester. Seniors must take World Religions and one elective course.
<b>Math</b>	3	3.0	Algebra I, Geometry, and Algebra II are required with a more advanced program available for gifted students.
<b>Science</b>	3	3.0	Integrated Science, Chemistry and Biology is the typical required course of study with Physics usually taken as a fourth course. Biology is the required life science course. Ecology is an elective with Biology as its prerequisite.
<b>Social Studies</b>	3	3.0	World History, United States History, American Government, and Economics are required from sophomore to senior years with other electives available over four years.
<b>World Language</b>	2	2.0	Two years of the same world language are required. With a teacher recommendation, many students take up to four years. Students may take a second language as an elective.
<b>Design Technology or Fine Arts</b>	0.5/1	0.5/1.0	This requirement can be met through any Fine Arts or Design Technology courses. Four years of the same world language at Prep or Creative Writing will earn 0.5 credits toward this requirement. Beginning with the class of 2023, the Fine Arts requirement is 1 year or 1.0 credit.
<b>Physical Education</b>	1	1.0	Freshmen take a full year of Physical Education and Health to satisfy this requirement.
<b>Electives</b>		3.5/3.0	Three (beginning with the class of 2023) or three and one-half (prior to class of 2023) additional credits from any elective courses are required over the four years according to the interests of each student. A student may not use one elective class to cover two requirements, for example taking Creative Writing to cover both an English elective and Fine Arts elective.

## GRADUATION REQUIREMENTS AND CREDIT CHECKLIST

Course	Sem I	Sem II
<b>Theology: (8 semesters)</b>		
9: Theology I/II		
10: Theology III/ Theology IV		
11: Moral Values/CST or CST+		
12: World Religions/Elective		
<b>Math: (6 semesters)</b>		
9: Algebra I		
10: Geometry		
11: Algebra II		
<b>World Language: (4 semesters)</b>		
9: Level I		
10: Level II		
<b>Fine Arts/Design Technology: (1 or 2 semesters)</b>		
One Semester (class of 2022)		
Second Semester (classes of 2023, 2024, 2025)		
<b>Physical Education (2 semesters)</b>		
9: PE and Health		

Course	Sem I	Sem II
<b>English: (8 semesters)</b>		
9: English I		
10: English II		
11: English III		
12: Literature/Composition		
<b>Science: (6 semesters)</b>		
9: Integrated Science		
10: Chemistry		
11: Biology		
<b>Social Studies: (6 semesters)</b>		
10: World History		
11: United States History		
12: Economics/Government		
<b>Electives: (6 or 7 semesters)</b>		
Semester I/Semester II		
Semester III/Semester IV		
Semester V/Semester VI		
Semester VII (class of 2022)		

**Credit Check**

Credits needed to graduate: **24 credits**

How many credits have you earned so far? \_\_\_\_\_

How many credits do you still have to earn? \_\_\_\_\_

Current sophomores who are going to be juniors next year should consider what courses they may want to take senior year and sign up for the needed prerequisites during junior year.

## PROGRAM OF STUDY

The typical course of study is outlined below with the understanding that students chart a course within this structure according to ability and effort. Students who demonstrate proficiency will be placed in higher level courses than those listed below.

<p><b><u>Freshman Year (7 courses)</u></b>          Theology I/II          English I          Algebra I/Geometry          Integrated Science          World Language          Physical Education and Health          Elective (1 per semester)</p>	<p><b><u>Sophomore Year (7 courses)</u></b>          Theology III/IV (Sacraments/Church History)          English II          Geometry          Chemistry          World Language II          World History          Elective (1 per semester)</p>
<p><b><u>Junior Year (6-7 courses)</u></b>          Theology (Moral Values/Catholic Social Teaching)          English III          Algebra II          Biology          United States History          Electives (1 or 2 per semester)</p>	<p><b><u>Senior Year (6-7 courses)</u></b>          Theology (World Religions and elective)          English (literature and writing)          Social Studies (Economics and Government)          Electives (4 or 5 per semester)</p>

### **Courses That Require Recommendations**

Course requests occur through PowerSchool early in the second semester with teachers and department chairs making recommendations based on standardized test scores and, when available, academic performance and effort in previous courses. These recommendations represent the school's best effort to place students in courses that will be both challenging and achievable.

When a student is not recommended and believes that he can succeed in a more challenging course, he may initiate a conversation with their counselor or his current teacher in the subject area of the desired course. It is important that the student takes the lead in this process since this demonstrates the initiative needed for success in a more challenging course. The counselor will generally serve as a guide in the process with a recommendation reserved for the teacher. If a student remains dissatisfied with the recommendation he may consult with the department chair and, after that, the academic principal whose decision is final.

### **New Courses for 2021-2022**

ACA020 - Profiles in Leadership	1 semester (0.5 credits)
ART245 - Media Production: Sports	1 semester (0.5 credits)
416 - Advanced Integrated Algebra I & Geometry	2 semesters (1.0 credit)
852 - AP Spanish Language and Culture	2 semesters (1.0 credit)
860 - AP Spanish Literature and Culture	2 semesters (1.0 credit)

## Advanced Placement and Dual Enrollment Courses

Course	Subject	Dual Enrollment and/or Advanced Placement	Term
AP Computer Science A	Design Tech	UNO and AP	Full Year
AP Computer Science Principles	Design Tech	UNO and AP	Full Year
Introduction to Coding	Design Tech	Creighton	Semester
Introduction to Information Security	Design Tech	UNO	Semester
AP Language & Composition	English	AP	Full Year
AP Literature & Composition	English	UNO and AP	Full Year
College Composition	English	Nebraska Wesleyan	Full Year
AP Drawing	Fine Arts	AP	Full Year
AP Music Theory I	Fine Arts	UNO and AP	Semester
AP Music Theory II	Fine Arts	UNO and AP	Semester
AP Photography: 2-D Art and Design	Fine Arts	AP	Full Year
Independent Study Art	Fine Arts	UNO	Full Year
AP Calculus AB	Math	UNO and AP	Full Year
AP Calculus BC	Math	UNO and AP	Full Year
AP Statistics	Math	UNO and AP	Full Year
Calculus I	Math	UNO	Full Year
Calculus III	Math	UNO	Full Year
Differential Equations & Linear Algebra	Math	UNO	Full Year
Honors Calculus II/III	Math	UNO	Full Year
AP Biology	Science	UNO and AP	Full Year
AP Chemistry	Science	AP	Full Year
AP Physics C	Science	Creighton and AP	Full Year
Honors Physics	Science	UNO	Full Year
AP American Government & Politics	Social Studies	UNO and AP	Full Year
AP Human Geography	Social Studies	AP	Semester
AP Microeconomics	Social Studies	AP	Semester
AP Psychology	Social Studies	AP	Semester
AP United States History	Social Studies	UNO and AP	Full Year
AP World History Modern	Social Studies	AP	Full Year
World Religions	Theology	Nebraska Wesleyan	Semester
AP French Language and Culture	World Lang	AP	Full Year
AP Latin IV	World Lang	UNO and AP	Full Year
AP Spanish Language and Culture	World Lang	AP	Full Year
Honors Spanish IV	World Lang	AP	Full Year

## ACADEMIC CONSIDERATIONS

### **Requirements for Assured Admission - University of Nebraska Schools**

The University of Nebraska at Lincoln requires four years of math including as a minimum: Algebra I, Algebra II and Geometry. A student who does not meet this requirement, however, may be admitted on probation. The requirement at Prep is three years of math. The vast majority of our students meet the higher requirement through their regular course selection. Any student planning to attend UNL should consider these requirements in their course planning. The University of Nebraska at Omaha (UNO) and the University of Nebraska at Kearney (UNK) require three years with the same minimum of Algebra I, Algebra II and Geometry.

### **Honors, Advanced Placement and Dual Enrollment Courses**

Careful consideration should be taken by students enrolling in honors level, Advanced Placement (AP) or dual enrollment courses. Sometimes students perceive that all colleges and universities look favorably on very demanding schedules. The assumption is, therefore, that it must be better to be in more rigorous courses at any cost.

If you have proven that you can work and attain a higher level (88%) in advanced level courses, there may be a benefit when applying to selective schools and applying for certain scholarships. However, if you do not have a history of attaining higher levels in these advanced courses, an assumption of these classes benefitting you may be in error. In fact, a mediocre performance can actually hurt in the scholarship or selective schools application process.

Selective colleges and universities do not expect students to take all honors, AP and dual enrollment courses. They want to see some while other colleges do not expect to see any. For example, most University of Nebraska schools award scholarships based on GPA and ACT scores. In addition, some colleges and universities recompute GPA. These schools do not use the weighted grading system that is in place for honors and AP courses. These colleges may also use core courses only in recalculation (i.e., English, math, science, social studies, and foreign language).

There are some students who do not perform well if they are not challenged. Therefore, it may be wise to be in a number of honors, AP and dual enrollment courses. It is recommended that you make a decision about these courses based upon the following: your interest, your academic history, your ability to attain a higher level (88%), your plans and thoughts for college and your overall schedule as a person.

### **What Colleges Look For In Admissions**

**Academic Record** - Colleges look at the student's course selection, the academic reputation of the high school, and an upward trend in grades. The more selective the college is for admission, the more demanding the high school program should be. Reasonably good grades throughout high school and in all subjects suggest a willingness to work and an interest in a variety of topics. Although most colleges review your record for all four years of high school, significant improvement in your record, no matter how late in your high school career, will not go unnoticed by a majority of colleges. Colleges would prefer a steadily improving record over the first three and a half years. And, yes, senior year grades are important!

**Test Scores** - Scores on standardized tests (ACT and SAT) may be the most misunderstood of all the factors determining whether or not a college will admit you. Various college guides list the average score attained by students at a particular college on standardized tests. It is important to remember that when colleges speak of the average test score of accepted students, they mean just that, an average; some scored higher and some scored lower. So do not be put off because you do not meet the average of last year's accepted freshmen. At the same time, if your test scores and GPA and class rank are in a

completely different range, your chances of getting accepted are reduced considerably. Test scores are particularly important for scholarship awards with schools that require test scores. A composite score of 28 or above puts you in a good position for many competitive scholarships, although there are scholarships for lower scores. Test optional schools will rely more heavily on transcript rigor and grades and essays.

**Extracurricular Activities** - It is not the number of activities, but the quality of your participation that is important. You should demonstrate leadership, service and, above all, commitment.

**Out-of-School Activities** - Colleges are interested in your life outside school, too. Involvement with community organizations, work after school hours and during the summer, and volunteer service may enhance your admission chances.

**Demonstrated Interest** - Your enthusiasm for attending a university, and how you appropriately convey that interest can influence decision makers at a university.

**Essays** - Importance varies among colleges. Some use it to judge writing ability and how one organizes thoughts, or to get a personal feel for the student's character traits.

**Recommendations** - Recommendations come from the student's assigned counselor and core teachers from the junior and senior year. If praise is specific and personal, not general, recommendations can make the difference for the marginal student. Colleges say recommendations should be honest and specific and focus more on intellectual abilities and academic talents and less on lists of accomplishments.

**Special Groups** - Colleges rather openly give special preferences to underrepresented groups, the exceptionally talented, and children of alumni (legacies). The talented provide their own gift, underrepresented groups add an easily recognizable difference, legacies provide tradition. If a student finds himself a member of any of these groups, the school he desires may be reachable.

## ACADEMIC OFFERINGS

### **030 - Academic Decathlon**

**1 semester (0.5 credits)**

This course seeks to develop the "Renaissance" student, one who is exposed to all areas of study, by using the annual curriculum from the United States Academic Decathlon. Some past topics have included Russia, World War II, New Alternatives in Energy, and India. Students will study the selected topic through the discipline of mathematics, science, social science, language and literature, art, music, and economics. There will be individual and group research, special projects, speakers, and perhaps field trips. Students will also gain practice in presenting information to classmates. All students of any ability and grade level are encouraged to join the class. Members of the Creighton Prep Academic Decathlon team will be selected from students in the class. However, placement on the team is not seen as the primary reason for enrolling in the class. Since study topics change yearly students may enroll in this class every year. This course will be offered as an elective in the fall semester only and may be offered during the regular class schedule or as a zero hour class. Students will be required to compete in at least one first semester interscholastic scrimmage. Prerequisite: none, open to all students.

### **ACA010 - Ignatian Leadership Seminar**

**2 semesters (0.5 credits)**

*An elective course that does not fulfill any graduation requirements.*

This course is meant to be a unique experience for students at Creighton Prep to reflect on their individual practice of leadership within Student Council in light of the Ignatian, Jesuit leadership tradition. The course will provide opportunities for engagement in Ignatian prayer, exposure to the spiritual writings of St. Ignatius and general leadership theory, and contemporary leaders in our school and local community. The goal of the course is to provide a formative program for student leaders so that they become life-long servant leaders for whatever communities in which they are members. Prerequisite: by invitation of the Student Council moderator

### **ACA020 - Profiles in Leadership**

**1 semester (0.5 credits)**

*An elective course that does not fulfill any graduation requirements.*

This course exposes students to a variety of ways people live out vocations of servant leadership through careers in public service, business, academia, politics, the Church, and other varied industries. Most of the content is delivered by guest speakers in leadership roles who share stories on how their vocations developed over the course of their lives, their perspectives on why they see their work as a vocation and not just a job, and the wisdom they have gained through their life experiences. Guest speakers are recognized leaders within their respective fields and generally have experience with high profile positions. Students have the opportunity to engage in encounters with professionals of their own choosing with vocations that are of direct personal interest to them by planning meetings and shadow experiences with these professionals in their own day-to-day settings.

By the end of the semester, students will have connected personally with a variety of community leaders. Through conversations and their own reflections they will gain insights into the value structures and discernment processes that are important for becoming not just an industry leader but a genuine Man for Others in the real world. Additionally, they will also have a unique opportunity to consider how what they learn from the guest speakers resonates with their own aspirations, skills, values, and hopes for the future. These reflective experiences will provide a context and structure for students to develop their own abilities in values-based discernment.

This course involves a limited amount of academic work outside of class time. Students who are deeply interested in the topic and who have a history of seeking service and leadership opportunities during their time at Creighton Prep should apply. Prerequisite: open to juniors and seniors, approval of application that will be forwarded to students after course requests are completed.

**064 - Magis Scholars Program****2 semester (0.5 credits)**

Students required to take Magis Scholars Program will learn in depth study strategies, learning styles, test taking and reading comprehension strategies. There will be a focus on vocabulary development as well. Placement is determined by the school administration.

**DESIGN TECHNOLOGY OFFERINGS****TEC120 - Innovative Technologies I****1 semester (0.5 credits)**

In this course students will be introduced to fundamentals and concepts involved in basic programming, circuitry and 3D fabrication. Students will work on projects (both individually and as a team) that allow them opportunities to design, problem-solve, create and gain technical experience working with laser cutters, 3D printers, arduinos, Raspberry Pis and a variety of computer programs and workshop tools. Prerequisite: open to all students.

**TEC220 - Innovative Technologies II****1 semester (0.5 credits)**

In this course students will continue to advance the skills they acquired in programming, circuitry and 3D fabrication in the Intro course. Students will work on fewer and more sophisticated projects (both individually and as a team) that allow them opportunities to design, problem-solve, create and gain technical experience working with laser cutters, 3D printers, arduinos, Raspberry Pis, drones, augmented/virtual reality and a variety of computer programs and workshop tools. Prerequisites: Innovative Technologies I, teacher or department chair recommendation.

**028 - Introduction to Coding****1 semester (0.5 credits)**

*Available for dual enrollment through Creighton University*

In this course students will be introduced to computer science and software engineering. Students will explore a variety of programming systems and languages to create interactive applications and systems through project-based learning. Students will learn problem solving, software design, debugging strategies, and the foundations of computer science (data structures, procedures, and algorithms). Students will work on projects (both individual and team) in the areas of graphics and games, animation and art, electronics systems, and interactive fashion, using a variety of open-source software tools. Prerequisite: open to all students capable of college level work, teacher or department chair recommendation

**041 - Robotic Design I****1 semester (0.5 credits)**

This course is designed to teach students about 3-dimensional kinetic design and robotics while using cross departmental skills that apply critical thinking abilities developed in math, science, technology as well as visual art and design. Students will be exposed to various software packages that allow them to design, program, and carry out a variety of tasks for the robots they create. Prerequisite: open to all students.

**0041 - Robotic Design II****1 semester (0.5 credits)**

This course will build on the skills developed in Robotics Design I, allowing students to expand their advanced robotics skills using First FRC and VEX robotics equipment. Prerequisite: Robotic Design I, teacher or department chair recommendation.

**051- Introduction to Information Security****1 semester (0.5 credits)**

*Available for dual enrollment through UNO*

This one semester course emphasizes our current dependence on information technology and how its security in cyberspace (or lack thereof) is shaping the global landscape. Several historical and

contemporary global events that have been influenced by the exploitation of information technology motivates topics on cyber-crime, malware, intrusion detection, cryptography, among others, and how to secure one's own data and computer system. Several aspects of this course are geared towards developing an understanding of cyberspace as a medium that breaks all geographical boundaries, while highlighting noticeable influences on it from social, political, economic and cultural factors of a geographical region. Prerequisite: open to all students capable of college level work, teacher or department chair recommendation.

**049 - AP Computer Science A**

**2 semesters (1.0 credits)**

*Available for Advanced Placement and dual enrollment through UNO*

The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design, and abstraction.

Prerequisite: open to sophomores, juniors and seniors with AP potential who have completed one of the following: Introduction to Coding or Introduction to Information Security; teacher or department chair recommendation.

**ENGLISH OFFERINGS**

**316 - English I (required for freshmen)**

**2 semesters (1.0 credit)**

This freshman course is a genre-based approach to literature that includes short stories, novels, poetry, plays, and non-fiction. The freshman program emphasizes writing that incorporates the 6-Traits and that is grounded in strategic reading and reflection. In addition, students develop vocabulary skills through the Membean program. Students also practice presentation skills through a variety of formal and informal opportunities. Prerequisite: placement by the department chair based on the entrance exam.

**318 - Honors English I**

**2 semesters (1.0 credit)**

*Fulfills freshman English requirement*

Students follow the same curriculum as English I, a genre based approach to literature that includes short stories, novels, poetry, plays and non-fiction. However, material is accelerated and discussion centers on higher level thinking skills. Students also read more texts, and writing assumes prior knowledge and practice. Prerequisite: placement by the department chair based on the entrance exam.

**326 - English II (required for sophomores)**

**2 semesters (1.0 credit)**

This sophomore course continues the sequence of skills learned in English I. The literature focuses on the theme of the hero. In writing, students learn to develop their ideas more fully and with greater variety of expression. They also develop their research skills.

**328 - Honors English II**

**2 semesters (1.0 credit)**

*Fulfills sophomore English requirement*

This sophomore course follows the same curriculum as English II, but the material will be accelerated and approached at a higher level. The students will have added reading requirements, including a summer reading, and practice higher order writing and thinking skills. Prerequisite: teacher or department chair recommendation.

**330 - English III**

**2 semesters (1.0 credit)**

This junior course covers American Literature and its historical context. The literary eras studied include Early American, Romanticism, Realism and Modernism. Multiculturalism is an important component of this course. The development of composition skills will continue in this course with an emphasis on persuasive writing.

**339 - AP Language & Composition****2 semesters (1.0 credit)***Available for Advanced Placement; fulfills junior English requirement*

This junior course follows a similar curriculum as English III, but the material will be accelerated and approached at a higher level. Students analyze a variety of writings with a focus on language and rhetorical analysis. Students study rhetoric through reading, analyzing, and writing texts. They explore topics such as the rhetorical situation, using evidence, reasoning, and style. Prerequisite: 88% average in Honors English II, teacher or department chair recommendation. Students not recommended or not currently in Honors English II must take a challenge test.

**389 - AP Literature & Composition****2 semesters (1.0 credit)***Available for Advanced Placement and UNO dual enrollment; fulfills senior English requirements*

This senior course approaches literature through genre and culture. The course will develop the student's skills in analytical thinking, academic writing, research, and participation in a scholarly community. It is a college-level course designed to challenge strong English students. There is a summer reading requirement in addition to the school-wide summer reading program. Prerequisites: 88% average in AP Language and Composition and teacher or department chair recommendation. Students not recommended or not currently in AP Language and Composition must take a challenge test.

**331 - Composition (required for seniors)****1 semester (0.5 credits)**

This senior course helps students develop their writing, thinking and grammar skills through the study and practice of a variety of expository composition models. An emphasis will be on organization, idea development, sentence fluency, voice, and audience.

**380 - College Composition****1 semester (0.5 credits)***Available for Nebraska Wesleyan dual enrollment; fulfills senior English writing requirement*

This senior course focuses on specific patterns of non-fiction essay writing essential for college-bound students. Students study models and compose multiple drafts of descriptive, narrative, argumentative, persuasive, comparison/contrast, cause and effect, and process analysis essays. Prerequisites: 88% average in junior year English, teacher or department chair recommendation.

**333 - Creative Writing****1 semester (0.5 credits)***Fulfills senior writing requirement or elective requirement*

This course will employ various forms of creative genres and writing techniques in preparation for completing and submitting finished works of creative nonfiction, poetry, and fiction. The focus of the class will be in understanding and utilizing the totality of the writing process with a particular emphasis on revision strategies discovered through peer reviews, whole-class workshops and instructor conferences. Students will be required to read their writing aloud to the class and will submit a 15-20 page manuscript of their edited work at the culmination of the semester. Submissions to writing contests and publications are a course requirement. Students must have an interest in reading and writing. Prerequisites: open to seniors as an English writing requirement and juniors as an elective, but will not count toward the senior English writing requirement.

**346 - Contemporary Literature (required for seniors)****1 semester (0.5 credits)**

Contemporary Literature is a senior level class. Along with studying current short and longer works of fiction, Contemporary Literature will emphasize non-fiction materials as well as current mediums and will adopt specific skills and strategies that best complement the varied materials, genres and formats being studied. The goal for all students is to become more critical, strategic and responsible consumers of information and gain literacy awareness pertinent and valuable for college and beyond the classroom. Contemporary Literature will also focus on the college essay during the first semester.

## FINE ARTS OFFERINGS

### Art Offerings

#### **ART110 - Basic Art and Design**

**1 semester (0.5 credits)**

This one semester Basic Art and Design course is a prerequisite to take other courses in Art and Design. The emphasis will be on specific drawing techniques, drawing and art media, an introduction to watercolor, color theory, printmaking and exploration of basic 2-D and 3-D design. Using direct observation, geometric forms, portraiture, grid-methods, and the imagination, students will develop their artistic abilities and understanding of basic composition. Line, value, shape, form and space will be the foundation for a variety of media. Charcoal, graphite, clay, colored pencils, acrylics and pastels are some of the available choices. Individual development and experimentation will be encouraged with an emphasis on intent and the visual narrative. Art History and Historic practices will be a resource as well as artists of the present. Students will be required to keep a sketchbook, and take part in critical analysis of their work and others through critiques. Prerequisite: none, open to all students.

#### **071 - Intermediate Art**

**1 semester (0.5 credits)**

This in-depth drawing, painting, printmaking, and sculpture course is an introduction to building a solid art foundation and portfolio. Using direct observation, photographs, grid-methods, and the imagination, students will develop their artistic abilities, color theory, and understanding of the visual narrative. Projects include Comic Art, Concept Art, Religious narratives, and Imaginative realism. Graphite, ink, watercolor, acrylic, and clay are some of the available choices. Individual development and experimentation will be encouraged with an emphasis on intent and visual storytelling. Art History and Illustration practices will be a resource as well as artists of the present. Students will be required to keep a sketchbook, and take part in critical analysis of their work and others through critiques. Prerequisite: Basic Art and Design, teacher or department chair recommendation.

#### **0072 - Advanced Art - Traditional Mediums**

**1 semester (0.5 credits)**

This in-depth course explores the visual narrative and develops advanced skills in visual art techniques. Emphasis is directed in drawing, painting, printmaking, and sculpture. Using direct observation, photographs and imagination, students will develop their storytelling abilities in traditional mediums from the renaissance to the present. Advanced color theory is studied as are historical painting techniques as used by the master painters of the past and present. Charcoal, graphite, ink, acrylic and oil are some of the available choices. Individual development and experimentation will be encouraged with an emphasis on intent and the ability to tell a story and convey an emotion or idea. Art history and historic practices will be a resource as well as artists of the present. Students will be required to keep a sketchbook, and take part in critical analysis of their work and others through critiques. Prerequisite: Intermediate Art, teacher or department chair recommendation.

#### **078 - Independent Study Art**

**2 semesters (1.0 credit)**

*Available for UNO dual enrollment*

Designed for students who have completed Advanced Art, this class consists of various student-designed projects carried on under the direction of the art instructor. The course is rigorous and designed to build the student's portfolio for college level artwork. Rendering and painting of form, composition, and the visual narrative are some of the issues that will be developed. Practicing various methods and techniques will increase one's ability to communicate ideas with accuracy and confidence. Students will be required to keep a sketchbook, do artwork outside the classroom; take part in critical analysis of their work and others; and visit museums and galleries. The Fine Arts Department will evaluate the student's portfolio at the end of the year. Prerequisite: Advanced Art, teacher or department chair recommendation.

#### **ART610 - AP Drawing**

**2 semesters (1.0 credit)**

*Available for Advanced Placement*

The course enables students to develop a cohesive body of work investigating a strong underlying visual idea in drawing, painting and printmaking that grows out of a coherent plan of action or investigation (i.e., a “concentration”). Students will have group critiques, with the teacher, enabling students to learn to analyze and discuss their own artworks as well as artworks of their peers. There is an emphasis on making art as an ongoing process that involves the student in informed and critical decision making. Prerequisite: Advanced Art or Filmmaking II, teacher or department chair recommendation.

**ART120 - Filmmaking I**

**1 semester (0.5 credits)**

This course incorporates storytelling in animation, stop-motion, illustration, and filmmaking. This in-depth art course explores the visual narrative and develops skills in visual art techniques and integrated media. Guest speakers and lectures are a part of this course as students will work with experienced filmmakers and industry professionals using professional equipment, their iPads and editing software. This course includes: scriptwriting, storyboarding, studio & location production shooting, special effects and editing in all levels of production. Prerequisite: none, open to all students.

**ART220 - Filmmaking II**

**1 semester (0.5 credits)**

This class focuses on advanced storytelling in filmmaking. Students learn to perfect the art of storytelling and gain an appreciation and mastery of developing a creative story from script to film. This class offers an in-depth combination of technique, history, film criticism, and craft. Students will learn how to generate ideas, brainstorm ideas, and create a map of how the project will progress. This is a fundamental part of the moviemaking process because it acts as the project’s business plan. Students will learn to create a planning structure, make and adhere to timelines, define responsibilities, and establish a set of checks and balances between the people and the project’s goals. In the moviemaking part of the lesson, students will learn to use advanced camera techniques, use multiple angles and composition techniques, and gain an understanding of advanced story editing with Adobe Suites. Students enrolled in this course will discover a world of emerging techniques, modern technologies, as well as time tested storytelling and script writing assignments. The ability to create a film will allow students to enter the world of visual arts which is so prevalent in society today. This creative class offers different insights into career paths and college portfolio building in filmmaking, screenwriting, acting, school initiatives, community activities, and much more. In addition, the mastery of skills used in this class will be used in other courses throughout Creighton Prep. Students will create a video portfolio containing films produced throughout the semester. Prerequisite: Filmmaking I and teacher or department chair recommendation.

**ART130 - Photography I**

**1 semester (0.5 credits)**

In this course students will explore photography in relation to fine arts. Students will produce art work and will participate in critiques to better understand the physical, conceptual, and theoretical characteristics of photography as it pertains to art and art making. Students will use basic technology necessary for the production and enhancement of their work with an introduction to portfolio development. Prerequisite: none, open to all students.

**ART230 - Photography II**

**1 semester (0.5 credits)**

This class will allow the student to expand their grasp of image making and production. We will cover advanced editing, retouching and file handling techniques using Adobe Creative Suite with the intent of developing a final portfolio. Continued emphasis will be placed on original work and critical analysis. Photography II is a continuation of Photography I with further emphasis on the development of a photographic portfolio or series. Students will advance their camera techniques in service of an individual vision to develop a body of work. With experimentation, exploration of lighting and studio production, this course is designed to develop higher level thinking, art-related technology skill, art criticism, art history, and aesthetic understanding of fine art photography. Prerequisite: Photography I, teacher or department chair recommendation.

**ART430 - Independent Study: Photography Portfolio****2 semesters (1 credit)**

This course consists of various student-designed projects carried on under the direction of the photography teacher. The course is rigorous and designed to build the student's portfolio for college level artwork. Command of the characteristics that make a photograph an art product and a social document are investigated. We are interested in creating work that is of high technical skill and that understand photography as a moral act. With an emphasis on developing and organizing a body of work around an individualized pursuit exploring photographic visual narrative, students will produce a portfolio. Practicing various methods and techniques will increase one's ability to communicate ideas with accuracy and confidence. Students will be required to work with a camera and software, make photographs outside the classroom; take part in critical analysis of their work and others; and participate in and possibly lead other visual opportunities through the Fine Arts Department. The Fine Arts Department will evaluate the student's portfolio at the end of the year. Prerequisite: Photography II, teacher or department chair recommendation.

**ART630 - AP Photography: 2-D Art and Design****2 semesters (1.0 credit)***Available for Advanced Placement*

The course enables students to develop a cohesive body of work investigating a strong underlying visual concept that grows out of a coherent plan of action or investigation (i.e., a "project emphasis"). Students will have group critiques, with the teacher, enabling students to learn to analyze and discuss their own images as well as images of their peers. There is an emphasis on making/producing photographs as an ongoing process that involves the student in informed and critical decision making, technical and imaginative mastery of design and photographic images. Students will produce a final professional portfolio illustrating their Project. Prerequisite: Photography II, teacher or department chair recommendation.

**Media Offerings****ART140 - Media Production I****1 semester (0.5 credits)**

This semester course introduces students to the worlds of both digital media and sports media productions. Students will have hands-on experience by using state-of-the-art software for digital photography, video production, podcasting and live broadcasting tools. Internet and social media responsibility and how including 21st media convergence and civic duty to identify and analyze what is fair, balanced and true, will complement the major units of study in this course. Prerequisite: none, open to all students.

**ART240 - Media Production II: JayJournal/CPTV/Jay Junior****1 semester (0.5 credits)**

Students will use the skills taught in Media Production I to apply their skills to produce a variety of media in print, internet, broadcast and mobile interfaces for the Creighton Prep online news publication, Jay Journal, yearbook and/or Creighton Prep TV (CPTV). This particular course will focus on students working independently and collaboratively to create professional products while meeting deadlines. Prerequisite: Media Production I, Photography I, Filmmaking I or teacher or department chair recommendation.

**ART245 - Media Production: Sports****1 semester (0.5 credits)**

The goal of this class is to highlight our student-athletes through multimedia production, including live event broadcasts, feature and graphic packages, highlights, and studio shows. Students in this semester course will also work on print, video or podcast stories. Students will work as an ESPN-style sports media team to create, package, publish and promote content to the wider community. They will gain practical experience in collaboration, decision-making, communication and production using state-of-the-art production technology and an understanding of audience, culture, and storytelling. Prerequisite: Media Production I, Photography I, Filmmaking I or teacher or department chair recommendation.

**ART340 - Media Production III: JayJournal/CPTV/Jay Junior** **2 semesters (1.0 credit)**  
Students will use the skills taught in Media Production II and/or Sports Production to apply their skills to produce a variety of media in print, internet, broadcast and mobile interfaces for the Creighton Prep online news publication, Jay Journal, Creighton Prep TV (CPTV), the Creighton Sports Network and the yearbook. This particular course will focus on students working independently and collaboratively to create professional products while meeting deadlines. Students may take this course more than once for credit with instructor approval. Prerequisite: Media Production II, Sports Media Production, teacher or department chair recommendation.

**ART440 - Media Production IV** **2 semesters (1.0 credit)**  
Students will use the skills taught in Introduction to Media Production III, but they will also take on a leadership role as editors and/or producers. This particular course will focus on students working independently and collaboratively to create professional products while meeting deadlines. Students may take this course more than once for credit with instructor approval. Prerequisite: Media Production III, teacher or department chair recommendation.

**029 - Independent Study Media Production** **1 semester (0.5 credits)**  
Students will use the skills taught in Media Production IV to produce a variety of media in print, internet, broadcast and mobile mobile interfaces Jay Journal (online news publication), Creighton Prep TV (CPTV) and Jay Junior (yearbook). This particular course will focus on the student working independently to create professional products while meeting weekly check-ins and deadlines. Students may take this course more than once for credit with instructor approval. Prerequisite: Media Production IV, teacher or department chair recommendation.

### **Music Offerings**

**ART150 - Prep Choir I** **1 semester (0.5 credits)**  
This is a one semester introductory course that teaches the fundamentals of singing and music. Students will sing at liturgies and concerts. This course does not require an audition or instructor's consent. Prerequisite: none, open to all students.

**ART155 - Prep Choir II** **1 semester (0.5 credits)**  
This is a one semester course that allows students to continue developing the fundamentals of singing and music. Students will have additional opportunities to sing at liturgies and concerts. This course does not require an audition or instructor's consent. Prerequisite: Prep Choir I, open to all students.

**021 - Concert Choir** **2 semesters (1.0 credit)**  
This is a year-long intermediate course that builds on the fundamentals learned in Prep Choir. More challenging music will be utilized in this choir, including selections with multiple harmonies. Students will sing at liturgies, concerts and functions in the community. Students in this choir will have the option of competing in the All-State Contest and the District Music Contest. Prerequisite: Prep Choir II, audition, teacher or department chair recommendation.

**022 - Chamber Choir** **2 semesters (1.0 credit)**  
This is a year-long advanced course that acts as our elite choral ensemble. Collegiate level music will be taught in this course. Students will sing at liturgies, concerts, contests, functions in the community and be required to compete in the District Music Contest. Chamber Choir students will also have the option of competing in the All-State music contest as well as local honor choir contests. Prerequisite: Prep Choir II or Concert Choir, audition, teacher or department chair recommendation.

**ART161 - Beginning Winds I** **1 semester (0.5 credits)**

This course is designed to introduce wind players of a beginning level to foundations of technique, musicality, and literacy. Its select mission is to provide instrumentalists of beginning technical proficiency a pre-intermediate and advanced ensemble experience. The objectives of this course are to learn introductory wind and brass technique. Students in this course also participate in pep band, jazz band, chamber music, and All State/Honor Bands. Instruments are chosen by the teacher and student in collaboration. Prerequisite: open to freshmen, sophomores and juniors

**ART162 - Beginning Winds II**

**1 semester (0.5 credits)**

This course enables beginning wind players to continue developing the foundations of technique, musicality, and literacy. Similar to the Beginning Winds I, the select mission is to provide instrumentalists of beginning technical proficiency in a pre-intermediate and advanced ensemble experience. The objectives of this course are to perfect introductory wind and brass technique and to prepare for admittance into Concert Winds. Students in this course also participate in pep band, jazz band, chamber music, and All State/Honor Bands. Prerequisite: Beginning Winds I, audition, teacher or department chair permission

**ART166 - Beginning Percussion I**

**1 semester (0.5 credits)**

This course is designed to introduce new percussionists to foundations of technique, musicality, and literacy. Its select mission is to provide instrumentalists of beginning technical proficiency a pre-intermediate and advanced ensemble experience. The objectives of this course are to rehearse and perfect percussion technique in snare drum, mallets, timpani, drum set, auxiliary, and world percussion. Students in this course may participate in pep band, jazz band, percussion ensemble, chamber music, and All State/Honor Bands. Prerequisite: open to freshmen, sophomores and juniors

**ART167 - Beginning Percussion II**

**1 semester (0.5 credits)**

This course enables beginning percussionists to continue developing the foundations of technique, musicality, and literacy. Similar to the Beginning Percussion I, the select mission is to provide instrumentalists of beginning technical proficiency a pre-intermediate and advanced ensemble experience. The objectives of this course are to continue rehearsing and perfecting percussion technique in snare drum, mallets, timpani, drum set, auxiliary, and world percussion in preparation for admittance into Concert Percussion. Students in this course may participate in pep band, jazz band, percussion ensemble, chamber music, and All State/Honor Bands. Prerequisite: Beginning Percussion I, audition, teacher or department chair permission

**0084 – Concert Winds**

**2 semesters (1.0 credit)**

The Concert Winds course is the wind and brass section of Creighton Prep's premiere concert band. Its select mission is to provide instrumentalists of advanced technical proficiency a pre-collegiate ensemble experience. With an emphasis on 20th century American compositions, the Concert Wind's repertoire reflects the most recent technical and textural innovations, as well as the rich tradition of wind and percussion music extending back to the Renaissance. The objectives of the Concert Winds are to rehearse and perform repertoire of the highest caliber, encompassing the broadest possible spectrum of styles; to develop a high degree of refinement and independence in students' ability to communicate musically in both chamber and larger ensemble settings; and to provide, through the study of the masterworks of the band repertoire, an anthology of styles, performance practices and techniques that will serve as the foundation for students' ability to realize their collegiate and professional musical aspirations. Students in Concert Winds also participate in pep band, jazz band, chamber music, and All State/Honor Bands. Additional time is required before and after school. Prerequisite: audition, teacher or department chair recommendation.

**0085 – Concert Percussion**

**2 semesters (1.0 credit)**

The Concert Percussion course is the percussion section of Creighton Prep's premiere concert band. Its select mission is to provide instrumentalists of advanced technical proficiency a pre-collegiate ensemble

experience. With an emphasis on 20th century American compositions, the Concert Percussion repertoire reflects the most recent technical and textural innovations, as well as the rich tradition of wind and percussion music extending back to the Renaissance. The objectives of the Concert Percussion are to rehearse and perform repertoire of the highest caliber, encompassing the broadest possible spectrum of styles; to develop a high degree of refinement and independence in students' ability to communicate musically in both chamber and larger ensemble settings; and to provide, through the study of the masterworks of the percussion and wind band repertoire, an anthology of styles, performance practices and techniques that will serve as the foundation for students' ability to realize their collegiate and professional musical aspirations. Students in Concert Percussion also participate in pep band, jazz band, chamber music, and All State/Honor Bands. Additional time is required before and after school. Prerequisite: audition, teacher or department chair recommendation.

**086 - AP Music Theory I**

**1 semester (0.5 credits)**

*Available for Advanced Placement and UNO dual enrollment*

This course is designed to equip the student to successfully complete the Advanced Placement Music Theory examination and earn college credit. Extensive work in ear training and sight singing will be required. Participation in the AP Music Theory exam in May is required to pass the course.

Prerequisite: open to sophomores, juniors, and seniors, teacher or department chair recommendation.

**087 - AP Music Theory II**

**1 semester (0.5 credits)**

*Available for Advanced Placement and UNO dual enrollment*

A continuation of AP Music Theory I leading to the advanced placement exam in May. Prerequisite: AP Music Theory I, teacher or department chair recommendation.

**MATHEMATICS OFFERINGS**

**411 and 412 - Algebra I credit)**

**2 semesters (1.0 credit)**

This is the standard one-year Algebra I course offered to freshmen. Topics include positive & negative rational numbers; graphing; problem-solving; solving linear equations, inequalities and systems; integer exponents; operations with polynomials; factoring and rational expressions. Prerequisite: placement by department chair based on the entrance exam.

**416 - Advanced Integrated Algebra I & Geometry**

**2 semesters (1.0 credit)**

This integrated course is offered to freshmen and covers algebra I and geometry in one year. Algebra topics including solving equations, linear functions and graphing, systems of equations, quadratics, exponent rules, and rational expressions. Geometry topics include parallel and perpendicular lines, triangles and congruency, quadrilaterals, similarity, area of 2 dimensional shapes, and area and volume of 3 dimensional shapes. Prerequisite: placement by department chair based on the entrance exam and math placement exam in the spring.

**418 - Honors College Algebra**

**2 semesters (2.0 credits)**

This course is for freshmen who have previously mastered high school Algebra I. This course is the equivalent of an Honors Algebra II taught using a College Algebra text. Standard algebra skills are extended. Included are topics of linear equations and graphing, systems of linear equations, roots and radicals, polynomial equations and functions, exponents and logarithms, quadratic equations and linear inequalities. Prerequisite: placement by department chair based on the entrance exam and math placement exam in the spring.

**424 and 426 - Geometry**

**2 semesters (1.0 credit)**

The traditional Euclidean geometry course is presented as an example of a mathematical system. Basic geometric figures are introduced along with deductive reasoning. Students study topics including lines, angles, triangles, congruency, similarity, right triangles, polygons, area and volume while developing an understanding of the nature of proof. Prerequisites: Algebra 1, teacher or department chair recommendation.

**427 - Advanced Geometry** **2 semesters (1.0 credit)**

This course covers all the topics of Geometry (426) with additional topics taken as time permits. Prerequisite: Advanced Algebra I, or Algebra I with teacher or department chair recommendation.

**428 - Honors Geometry/Introduction to Precalculus** **2 semesters (2.0 credits)**

This course covers the topics of Advanced Geometry (427) and the algebra concepts of precalculus. Prerequisites: Placement from Honors College Algebra (418) with teacher or department chair recommendation.

**430 - Intermediate Algebra II and Trigonometry** **2 semesters (1.0 credit)**

A two year sequence course with a deliberate approach to Algebra II. If time allows, additional topics in trigonometry are covered. Students enrolled in this course are expected to successfully complete course Intermediate Trigonometry and Algebra II (431) senior year. Prerequisites: Geometry (424), teacher or department chair recommendation.

**431 - Intermediate Trigonometry and Algebra II** **2 semesters (1.0 credit)**

This course is a continuation of Intermediate Algebra II and Trigonometry (430). Prerequisites: Intermediate Algebra II and Trigonometry (430) with teacher or department chair recommendation.

**434 - Algebra II** **2 semesters (1.0 credit)**

Open to students who have successfully completed both Algebra I and Geometry. Content of the course includes properties of real numbers, linear systems, roots and radicals, exponents and logarithms, quadratic equations, linear inequalities and some trigonometry and statistics. A scientific calculator with trigonometric functions is required (for example, Casio fx-300ES PLUS or TI-30x IIs). Prerequisites: Geometry (426) or Geometry (424) with teacher or department chair recommendation.

**436 - Advanced Algebra II** **2 semesters (1.0 credit)**

Content includes the Algebra II (434) topics plus additional topics of polynomial and radical equations, relations and functions, matrices with some Trigonometry and Statistics. Prerequisites: Advanced Geometry (427) or from Geometry (426) with teacher recommendation.

**438 - Honors Geometry** **1 semester (0.5 credits)**

This accelerated one semester course receives 1.0 credit and covers all topics of Geometry (426). Prerequisites: Honors College Algebra (418) with teacher or department chair recommendation.

**441 - Trigonometry** **1 semester (0.5 credits)**

This one semester course includes trigonometric ratios, triangles, circular functions, identities, trigonometry application, graphs and trigonometric equations. A scientific calculator with trigonometric functions is required (for example, Casio fx-300ES PLUS or TI-30 x IIs). Prerequisites: open to seniors, 78% or higher in Algebra II (434 or 436) or department chair recommendation.

**443 - Finite Mathematics** **1 semester (0.5 credits)**

This course will expose the student to some of the practical applications of mathematics. Topics from probability, statistics, matrix theory, linear programming, finance and interest, maximization and minimization, expected value, gambling and decision-making will be stressed from a problem-solving approach. This is a good foundation course for any student who is interested in the areas of science or

business. A scientific calculator is required (for example, Casio fx-300ES PLUS or TI-30 x IIs). Prerequisites: open to seniors, 78% or higher in Algebra II (434 or 436) or department chair recommendation.

#### **445 - Precalculus**

**2 semesters (1.0 credit)**

The purpose of this course is to prepare students for their future study of calculus. Students will begin this preparation by studying advanced Algebra II topics including number pattern, functions (polynomial and exponential), matrices, statistics and probability. A detailed study of trigonometry, polar coordinates, parametric equations, limits, and continuity will be included. This course will finish with an informal introduction to limits. Prerequisite: Advanced Algebra II (436) or from Algebra II (434) with a teacher or department chair recommendation

#### **448 - Honors Precalculus**

**2 semesters (1.0 credit)**

This course is designed to prepare students for a Calculus course, either at Prep or in college. Students not planning a later Calculus course, either at Prep or in college, are welcome, but they should be aware of the course's primary intent. Course content includes a concise algebra review, trigonometry, limits and continuity, and an introduction to differentiation, and antidifferentiation. A graphing calculator (for example, TI 83 Plus, TI 84 or Casio 9750GII) is required. Prerequisite: Honors Geometry/Introduction to Precalculus (428) or from Advanced Algebra II (436) with a minimum average of 95% in both semesters or with teacher or department chair recommendation.

#### **449 - AP Statistics**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and UNO dual enrollment.*

Students are introduced to the major concepts and tools for collecting, analyzing and drawing conclusions from data. There are four broad conceptual themes: exploring data, planning a study, anticipating patterns and statistical inference. A TI-84 graphing calculator is required. Prerequisites: open to juniors or seniors who have completed Precalculus (445) or higher math course; seniors with a grade above 90% in Advanced Algebra II (436); or taken concurrently with any Calculus (457) or higher course.

#### **457 - Calculus I**

**2 semesters (1.0 credit)**

*Available for UNO dual enrollment*

This is a course in plane analytic geometry emphasizing the study of functions, limits, derivatives and applications, and an introduction to integration. A TI-84 graphing calculator or equivalent (e.g. Casio fx-9750GII) is recommended. Prerequisite: Precalculus (445), teacher or department chair recommendation.

#### **459 - AP Calculus AB**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and UNO dual enrollment*

The course focuses on the traditional Calculus topics using the graphing calculator and graphing software. A TI-86 graphing calculator or equivalent is recommended. Prerequisites: teacher recommendation from Honors Precalculus (448) with a grade of 78% to 85%; department chair approval with a 94% in both semesters of Advanced Algebra II; or completion of Honors Precalculus (448) but does not qualify for AP Calculus I / II BC (469).

#### **469 - AP Calculus BC**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and UNO dual enrollment*

Topics for this course include limits, continuity, differentiation, Riemann integration, sequences and series, calculus in polar coordinates, calculus of parametric curves, and an introduction to the methods of differential equations. A graphing calculator is required (eg TI-83 plus, TI-84 or equivalent). Prerequisite: 90% in Honors Precalculus (448), teacher or department chair recommendation.

#### **479 – Honors Calculus II/III**

**2 semesters (1.0 credit)**

*Available for UNO dual enrollment*

The first semester of this course will conclude the study of single variable calculus by addressing the following topics: parameterization of curves in the plane, polar coordinates and their application in calculus, sequences and series of real numbers, series of functions of a single real variable, and differential equations and their application to mathematical biology. In particular, most of the course topics will be approached from the viewpoint of mathematical biology and differential equations, and by the end of the course, students will not only be prepared to earn a 5 on the AP Calculus BC exam, but will also be able to understand and articulate how single variable calculus can be applied to the study of differential equations and mathematical biology.

The second semester of this course will be equivalent in content to Calculus III (489) and will be a rigorous treatment of multivariable calculus including a study of vectors, differentiability of functions of many variables, analysis of elementary PDEs, integrability in n-dimensional Euclidean space, line and surface integrals, analysis of vector fields, and the theorems of Green, Gauss, and Stokes. A graphing calculator without symbolic manipulation capability is required for the first semester. Prerequisite: 90% in AP Calculus AB with teacher or department chair recommendation and preferably, a score of 4 or 5 on the AP Calculus AB exam.

**489 - Calculus III**

**1 semester (0.5 credits)**

*Available for UNO dual enrollment*

This course is a rigorous treatment of multivariable calculus. Topics include vectors, partial differentiation, multiple integration, line and surface integrals, and the theorems of Green, Gauss, and Stokes. Where possible, theorems are stated in full generality in n-dimensional Euclidean space, and some elementary topics from both real analysis and topology are introduced as part of the course. Prerequisites: Calculus I/II, teacher or department chair recommendation.

**499 - Differential Equations & Linear Algebra**

**1 semester (0.5 credits)**

*Available for UNO dual enrollment*

Differential Equations, Linear Algebra, and applications to the natural and social sciences will be emphasized. Prerequisites: Calculus I/II, teacher or department chair recommendation.

**490 - Advanced Applied Mathematics**

**2 semesters (1.0 credit)**

*Course graded on AP scale*

Mathematics is offered as an art of problem solving in this course with a direct experience of these problems integrated into high school and collegiate level math competitions. This course also participates in national competitions such as AMC, AIME, ARML and a scholarship driven mathematical modeling competition. Finally, problem solving skills are initiated with the creation of our junior high math competition each spring as well as a student teaching unit each semester. Students should be very interested in mathematics and expected to participate in all competitions. Prerequisite: teacher or department chair recommendation.

**493 – Advanced Topics in Mathematics**

**2 semesters (1.0 credit)**

*Course graded on AP scale*

This course is for students who have either completed Calculus III (489) before their senior year or who are currently enrolled in Calculus III (489) but have a strong interest in mathematics and mathematics related careers. Topics chosen from among the following: Probability and Statistics and Introductory Real Analysis, Partial Differential Equations, Mathematical Biology and Chaos Theory. Students may be able to earn college credit through the AP Statistics exam. Prerequisite: 90% in AP Calculus BC or corequisite with Honors Calculus II/III (479) or Calculus III (489), teacher or department chair recommendation.

## PHYSICAL EDUCATION OFFERINGS

### **PED110 - Physical Education and Health I (required for freshmen) 1 semester (0.5 credits)**

This first semester course introduces students to a wide variety of sports and physical exercise. Goals of the course are the promotion of a student's understanding of sports and the formation of a pattern for lifelong physical activity.

### **PED115 - Physical Education and Health II (required for freshmen) 1 semester (0.5 credits)**

This second semester course continues to introduce students to a wide variety of sports and physical exercise. Goals of the course are the promotion of a student's understanding of sports and the formation of a pattern for lifelong physical activity. Prerequisite: Physical Education and Health I

### **097 - Principles of Athletic Training 1 semester (0.5 credits)**

This is a one semester class designed to give students an understanding of musculoskeletal injuries in an athletic population. Students will gain a beginning knowledge of medical terminology, basic anatomy, and typical injuries associated with athletics. Class will meet both in the classroom as well as the athletic training room for lab sessions. Lab will focus mainly on injury evaluation and injury rehabilitation. Students will be required to complete observation hours in different settings associated with athletic training. Prerequisite: open to juniors and seniors.

### **092 Fitness for Life I 1 semester (0.5 credits)**

Fitness for Life I is a semester course designed for students to learn and achieve personal fitness. Students will be introduced to all the components of fitness with an emphasis on muscular strength, endurance, and sports nutrition. Upon completion, students will understand proper technique and safety associated with free weight training. Students will learn the importance of a balanced diet and meal planning relevant to specific sports or training. Prerequisite: open to grades sophomores, juniors and seniors.

### **093 Fitness for Life II 1 semester (0.5 credits)**

Fitness for Life II is a semester course designed for students to learn and achieve personal fitness. Students will be introduced to all the components of fitness with an emphasis on muscular strength, endurance, and sports nutrition. Upon completion, students will understand proper technique and safety associated with free weight training. Students will learn the importance of a balanced diet and meal planning relevant to specific sports or training. Students will have the opportunity to craft and pursue an individualized fitness, weight training, and nutrition plan under the supervision of the instructor. Prerequisite: Fitness for Life I, teacher or department chair recommendation.

### **096 Fitness for Life III 1 semester (0.5 credits)**

Fitness for Life III is a semester course for juniors and seniors. Students will participate in muscular strength and cardiovascular fitness. Students will learn advanced weight lifting activities and fitness programs that train different energy systems. Students will develop and implement a training program involving technology, diet and personal fitness. Open to juniors and seniors. Prerequisite: Fitness for Life II, teacher or department chair recommendation.

## SCIENCE OFFERINGS

### **516 - Integrated Science**

**2 semesters (1.0 credit)**

The freshman course introduces the student to the basic methods and concepts of scientific investigation by exploring the nature and interactions of matter and energy through the study of chemistry and physics. Through lectures, lab work, text study, projects, and active learning, the student is prepared for further scientific studies.

**518 - Honors Integrated Science**

**2 semesters (1.0 credit)**

The freshman course introduces the student to the basic methods and concepts of scientific investigation by exploring the nature and interactions of matter and energy through the study of chemistry and physics. Through lectures, lab work, text study, projects, and active learning, the student is prepared for further scientific studies. This course covers the material in Integrated Science (516) in greater depth and breadth. Placement in this course is by the department.

**526 - Biology**

**2 semesters (1.0 credit)**

This course is an inquiry into life and life processes. Biology is a full-year course that features the study of the history and discoveries of biological concepts, cell structure and function, genetics, the genetic continuity of life, evolution, taxonomy, invertebrate zoology and comparative anatomy and physiology. Completing a full year of Chemistry with a passing grade is a prerequisite for this course. Prerequisite: Chemistry

**528 - Honors Biology**

**2 semesters (1.0 credit)**

This course is an inquiry into life and life processes. Biology is a full-year course which features the study of the history and discoveries of biological concepts, cell structure and function, organic molecules and energy flow in living systems, biosynthesis, genetics, the genetic continuity of life, evolution, speciation, taxonomy, invertebrate zoology, animal and plant diversity, the interaction of organisms and their environment, and comparative anatomy and physiology. Prerequisites: Honors Chemistry (538) with an 83% or Chemistry (535) with a 92% in both semesters; an average of 85% in previous science courses; teacher or department chair recommendation.

**529 - AP Biology**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and UNO dual enrollment*

This course covers major biological principles such as the organization of matter and transformation of energy in living organisms. Included in this study will be cellular and molecular biology with a heavy emphasis on biochemistry, genetics, evolution, taxonomy, plants, and human body systems. Due to the length of some labs, approximately one lab per semester will require evening attendance. Modern biotechnology procedures will be utilized to understand such processes as DNA fingerprinting and bacterial transformation. Prerequisites: 86% in Honors Biology and an 84% in Honors Chemistry; 3.5 overall cumulative weighted GPA; teacher or department chair recommendation.

**530 - Ecology**

**2 semesters (1.0 credit)**

This course offers a study of the relationship of animals to the environment and of man's influence in maintaining the balance of nature. Local environmental problems, the energy crisis, chemical poisoning, and other topics of current interest will be discussed. The main emphasis of the course is the conservation of all resources and the improvement of the environment. Lab work and field trips will reinforce classroom activity and introduce new areas of study. Prerequisite: Biology, teacher or department chair recommendation.

**535 - Chemistry**

**2 semesters (1.0 credit)**

This course is intended for those interested in learning about the world around them. Previous science information will be deepened and expanded. The course emphasizes fundamental chemistry concepts regarding the interactions of energy and materials. The course approach stresses rigorous problem

solving and inquiry-based quantitative laboratory work necessary for future high school and college courses. Solid algebra skills are a must to perform consistently well.

**538 - Honors Chemistry**

**2 semesters (1.0 credit)**

Honors Chemistry focuses on the relationship between matter and energy. The structure and composition of chemicals and the changes and relationships of chemicals are studied. Prerequisite: 85% in math and Honors Integrated Science (518), teacher or department chair recommendation.

**539 - AP Chemistry**

**2 semesters (1.0 credit)**

*Available for Advanced Placement*

This course includes chemical formulas and equations, thermodynamics, gas laws, chemical bonding, periodic properties, phase properties, chemical equilibrium and kinetics, oxidation-reduction, and solution chemistry. Prerequisite: 86% in Honors Chemistry, teacher or department chair recommendation.

**540 - Physics**

**2 semesters (1.0 credit)**

Physics is the study of matter and energy and the changes that they undergo on a fundamental level. Topics include motion, forces, momentum, energy, thermodynamics, waves, light, electricity and magnetism. Emphasis will be placed on learning concepts and problem-solving. Prerequisite: Algebra II or teacher or department chair recommendation.

**548 – Honors Physics**

**2 semesters (1.0 credit)**

*Available for UNO dual enrollment*

This is a college level algebra based course. Physics is the study of how the universe works. Topics include motion, forces, momentum, energy, waves, sound and electricity. Prerequisite: Precalculus or Advanced Algebra II; 85% or better in all math and honors science classes; teacher or department chair recommendation.

**549 - AP Physics C**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and Creighton University dual enrollment*

This is a college level calculus based course intended for motivated students of superior ability who possess very good study habits. Topics include kinematics, dynamics, concepts of matter and energy, electricity, magnetism, optics, wave motion, fluid mechanics and rotational motion. Prerequisite: calculus (or taking concurrently), 4.00 overall cumulative weighted GPA, and teacher or department chair recommendation.

**SOCIAL STUDIES OFFERINGS**

**210 - World History (required for sophomores)**

**2 semesters (1.0 credit)**

This survey of human history is a chronological and topical exploration of how human societies and institutions have evolved from prehistory to the present. Special attention is given to the development of political, economic, and social structures evident in every society, but this course will also touch on elements that enrich those same societies: art, science, religion, philosophy, education, and technology. The course focuses on major changes in World History such as the development of agriculture and civilizations, the rise of the nation states, political and industrial revolutions, issues and conflicts of the modern age, and globalization.

**289 - AP World History Modern**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and fulfills World History requirement*

AP World History Modern is a college-level survey course that focuses on developing students' understanding of world history from approximately 1200 C.E. to the present, equally representing the

regions and cultures of the world. Students will study civilizations in terms of geography, technological advancements, political developments, economic and trade systems, religious and cultural achievements, and social organizations of society. Students will study history through primary and secondary sources. This approach is intended to challenge students to strengthen their reading, writing, and analytical skills in preparation for the national AP exam, and to provide a foundational knowledge for future college-level course work in history. Prerequisite: teacher or department chair recommendation.

**215 - Geography**

**1 semester (0.5 credits)**

Geography is a Social Studies elective offered to all Freshmen and Sophomores. It is an interactive and intensive study of World Geography. The physical and human geography of every part of the world will be covered, as well as study some basic geographic concepts. In this course, the world is broken into seven distinct regions which will be covered in depth: Latin America, Europe and Russia, Africa, Southwest and Central Asia, Monsoon Asia, Oceania and Antarctica, and Canada and the United States. It will look at each region through a “magnifying glass,” so to speak, always keeping an open mind to traditions and cultures that are different from our own. One goal of the course is to come into a deeper understanding of our own place in the world after studying the rest of it. Prerequisite: none, open to all students.

**219 - AP Human Geography**

**1 semester (0.5 credits)**

*Available for Advanced Placement*

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Additionally, the course will address how one can apply the characteristics of the Graduate at Graduation in a global context. Prerequisite: teacher or department chair recommendation.

**220 - United States History (required for juniors)**

**2 semesters (1.0 credit)**

United States History investigates the political, social, and economic history of the American people from the Age of Exploration to the present. Major events such as the American Revolution, the Constitutional Convention, the Civil War, and the two World Wars receive special emphasis. Classes explore such recurring issues as revolution, depression, race relations, imperialism, and civil rights in their historical setting.

**229 - AP United States History**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and UNO dual enrollment; fulfills United States History requirement*

It is a college-level survey of U.S. History from 1600 to the present. Particular attention is paid to developing notetaking and analytical skills necessary for college, and students will also have an opportunity to improve their writing and research skills. This course satisfies Creighton Prep’s U.S. History graduation requirement. Prerequisite: teacher or department chair approval.

**SST360 - African American History**

**1 semester (0.5 credits)**

In this course, the student will examine the relationships and significance of themes, concepts, and movements in African American histories; learn methods for comprehension, analysis, and interpretation of historical events and documents; and explore resources for research and problem solving. We will discuss the power of stereotypes and deconstruct the concept of race itself. This class also intends to examine the ways students can relate to the language, history, geography, culture and politics of Black America. Prerequisites: open to juniors and seniors who have successfully completed or will be enrolled in United States History or AP United States History.

**225 - Native American History**

**1 semester (0.5 credits)**

This semester long course will examine the history of the Native Americans of the United States from the pre-Columbian period to the present. Special emphasis will be placed on the history of Native Americans

from the late 18th through the twentieth centuries. The course will examine the impact of various Native American tribes, nations and cultures, as well as their social and political relations with other Native Americans and with white American society and government. The text will be supplemented with outside readings, visual presentations and guest speakers. Prerequisite: open to all students.

**231 - International Relations**

**1 semester (0.5 credits)**

International relations is a political science elective that focuses on interests, interactions, and institutions in global politics. Foundations and institutions, war and peace, international trade, law, human rights, and challenges to the global order are all explored. Students will also be introduced to and will participate in a class model United Nations that will focus on solutions to global conflicts, as well as the UN Sustainable Development Goals (SDGs). Prerequisite: open to all students.

**237 - American Government (required for seniors)**

**1 semester (0.5 credits)**

This course surveys the American System of government, the Constitution and the Federal System, citizenship, civil rights, political parties and the election processes, public opinion and pressure groups. The powers and duties of Congress, the President, and the Supreme Court will also be covered. This course satisfies a graduation requirement. Prerequisite: open to seniors.

**239 - AP American Government & Politics**

**1 semester (0.5 credits)**

*Available for Advanced Placement and UNO dual enrollment; fulfills American Government requirement*

This course is designed for students who have an interest in American politics or possible careers related to this area of study. Students will have many opportunities to discuss and debate historical and contemporary issues and events. Prerequisite: open to seniors, teacher or department chair recommendation.

**240 - Psychology**

**1 semester (0.5 credits)**

This course focuses on the study of the basic concepts of human behavior and development. As an introduction to the field of psychology, the main goals are to provide the student with an understanding of psychological principles, terminology, major theories, and practical applications. The course will focus on the major topics of psychology: sensation and perception, learning, states of consciousness, cognition, personality, abnormal psychology and treatment, and social psychology. Classroom labs and demonstrations will be used to reinforce content from the text used. Prerequisite: open to all students.

**249 - AP Psychology**

**1 semester (0.5 credits)**

*Available for Advanced Placement*

This course introduces students to the systematic and scientific study of behavior and mental processes of human beings and animals. The course will emphasize the current directions that college psychology classes are taking today in preparation for the AP exam. Experimentation in and outside of the classroom will be used to reinforce content from readings and discussions. Prerequisite: open to sophomores, juniors, and seniors, teacher or department chair recommendation.

**260 - Economics (required for seniors)**

**1 semester (0.5 credits)**

This course offers an introduction into the principles and practices of fundamental economics. Economics will be categorized into 3 parts: economic concepts, microeconomics, and macroeconomics. The economic concepts portion of this class will cover topics like scarcity and choice, utility, the paradox of value, the factors of production, and opportunity costs. Microeconomics analyzes the interactions of individual consumers and producers, as well as how incentives affect their economic behaviors. Macroeconomics studies the behavior of regional, national, and international economies, focusing on such topics as Gross Domestic Product, inflation, unemployment, and balance of trade. Prerequisite: open to seniors.

**269 - AP Microeconomics****1 semester (0.5 credits)***Available for Advanced Placement; fulfills Economics requirement*

In accordance with the College Board, the purpose of AP Microeconomics is to provide a thorough understanding of economic principles that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets. It also includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This course will prepare students to take the AP Microeconomics exam in May. This course fulfills the Economics graduation requirement.

Prerequisite: open to seniors, teacher or department chair recommendation

**283 - Introduction to Law****1 semester (0.5 credits)**

This course is perfect for students who are considering a career in law or law enforcement, or just interested in our legal system. Introduction to Law is an interactive course that focuses on legal issues that apply to the lives of students today. This course will help students develop the knowledge and skills essential in our law-related society. Prerequisite: none, open to sophomores, juniors and seniors.

**282 - Sociology Workshop****1 semester (0.5 credits)**

Students taking the Theology course Catholic Social Teaching Plus must register for this course.

**THEOLOGY OFFERINGS****110 - Theology I/II (required for freshmen)****2 semesters (1 credit)**

The first semester of this freshman course introduces students to the study of Sacred Scripture. Students will learn how to read and interpret the stories that are part of the Christian tradition and, through them, come to encounter the living Word of God, Jesus Christ. Students will explore how God has called human beings to a covenant life based on abiding love and a deep sense of justice. Students will also begin to understand that our way of proceeding as an apostolic work of the Society of Jesus demands that students strive to become discerning and compassionate leaders, men for and with others

The second semester of this freshman course introduces students to Jesus Christ, God's incarnate Revelation to us. Students will examine who Jesus is and who he calls us to be in order to live as his disciples and build up the Kingdom of God. Individual students at Creighton Prep will, in their own way, reflect the light of Christ into the world, which is paradoxically full of God's glory but also deeply in need of Christ's healing. The overarching goal of these studies is to internalize the Good News so that students will begin to embody a faith that does justice in their everyday interactions with others in the image of the ultimate Man for Others.

**120 - Theology III (required for sophomores)****1 semester (0.5 credits)**

The purpose of this course is to help students to understand that in and through the Church they Encounter the living Jesus Christ. They will be introduced to the way in which the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. Students will learn about the Church's 2,000 years of history and come to know that the Church is the living Body of Christ, which has both divine and human elements. Students will learn how events in the life of the Church have contributed to the development of our understanding of the sacred nature of the Church.

**121 - Theology IV (required for sophomores)****1 semester (0.5 credits)**

This course helps the student to encounter, grow, and mature in God's grace through the Sacramental worldview in the Catholic tradition. It establishes within the students an understanding of the sacraments as privileged places to encounter Christ throughout life. In the process of studying the seven sacraments,

students will also become familiar with the Ignatian invitation to discover "God in all things" through a sacramental view of the world.

**130 - Moral Values (required for juniors)**

**1 semester (0.5 credits)**

In this course, students will focus on what it means to be a disciple of Christ in the modern world. Students will spend one quarter developing a comprehensive moral decision-making process based on principles of Catholic teaching. During the second quarter of the course students will apply this knowledge and process to specific moral situations and cases.

**Catholic Social Teaching - Juniors must choose one of the following options:**

**Option A**

**131 - Catholic Social Teaching**

**1 semester (0.5 credits)**

*The service requirement for this course is completed **outside** of school hours.*

This course meets for one block and will combine the social teachings of the Catholic Church with a 20-hour service requirement to be fulfilled outside of school time. After introducing students to the themes of Catholic social teaching, this course helps students to apply these teachings to specific contemporary situations. The student will begin to see himself as a follower of Christ in a global community and begin to accept the responsibilities that go with that discipleship. The student will grow in awareness of the various social issues that affect our world and the Christian call to be a "person for others".

**Option B**

**132/282 - Catholic Social Teaching Plus**

**1 semester (0.5 credits)**

*The service requirement for this course is completed **during** school hours.*

This course meets for two blocks and will combine the social teachings of the Catholic Church with a service requirement to be fulfilled during the school day. After introducing students to the themes of Catholic social teaching, this course helps students to apply these teachings to specific contemporary situations. The student will begin to see himself as a follower of Christ in a global community and begin to accept the responsibilities that go with that discipleship. The student will grow in awareness of the various social issues that affect our world and the Christian call to be a "person for others".

CST Plus meets for two class periods. The CST course meets in school while the sociology portion involves direct service in local schools and other sites. All Sociology workshop (Service) courses occur during either block 6 or 7, the last periods of the day. Students sign out at Prep, and then travel to their service site for 1.25 hours of service. Students are dismissed directly from their service sites.

Students taking this course must register for Sociology Workshop (282) in Social Studies. The course satisfies one semester of the junior theology requirement. This course does not meet any specific Social Studies requirement.

**142 - World Religions (required for seniors)**

**1 semester (0.5 credits)**

*Available for Nebraska Wesleyan dual enrollment*

Because Creighton Prep believes that from the Oneness of God comes the diversity of creation and because we embrace social, economic, racial, ethnic, and religious diversity as part of God's plan for us, students at Creighton Prep study world religions. Because St. Ignatius taught us to seek God in all things, including other cultures, creeds, and ways of life, and because the Society of Jesus has been specifically missioned to build bridges of understanding and dialogue at the intersection of faith and culture, the study of world religions is also a foundational part of a Jesuit education. In this course, the major world religions are presented as the human person's most significant attempt to comprehend the mystery of life. The course will help the student not only to understand the doctrine, history, and philosophical foundations of other religions but also to see his own faith in the context of a pluralistic and ecumenical world. The following areas will be covered: Hinduism, Buddhism, Jainism, Sikhism, Judaism, Islam, Christianity in its many forms, and modern sects and cults.

**Senior Electives - Seniors must choose one of the following three options:**

**141 - First Principles of Philosophy**

**1 semester (0.5 credits)**

Western philosophy was inaugurated when the ancient Greeks abandoned myth and sought a reasoned answer to the ultimate question, "Why?" This course traces the path Western Philosophy has taken since its inception, giving serious consideration to the relationship between faith and reason.

Students taking this course will confront texts that require the development of college-level reading comprehension skills. They will be expected to make substantive contributions to class discussions and demonstrate an understanding of the subject matter in writing. Students will emerge from the course with a general understanding of the history of Western Philosophy, the tenets of its major schools, and how the relationship between faith and reason has been understood. Students will be challenged to become more careful and precise in their thinking and expression, thus enriching their other academic pursuits and their lives.

**150 - Senior Theology Synthesis: Contemplatives in Action**

**1 semester (0.5 credits)**

This capstone course centers on Ignatian spirituality and the student's appropriation of it into his life and future decisions. Ignatian spirituality is both active and contemplative. This course focuses primarily on contemplation, or the inner journey, which helps to guide us in our work, to discern the ways in which God is calling us, and to find God in all things. Students will learn about the life, context, and spirituality of St. Ignatius of Loyola, as well as the key components and themes of his Spiritual Exercises. Students will also consider some of the broader themes of the human experience (self identity, family, community, work, suffering, love) and the ways in which we encounter them in the modern age. Contemplatives in Action helps students to understand who they were created to be and sends them into the world ready to engage it with spirit-filled action, rooted in the belief that God can be found in all things.

**151 - Senior Service and Advocacy: The Pedro Arrupe Experience 1 semester (0.5 credits)**

In 1973, the former Superior General of the Society of Jesus, Pedro Arrupe, SJ, challenged students and alumni of Jesuit institutions to be "men (and women) for others." Creighton Prep is deeply committed to promoting a faith that does justice in the way intended by Arrupe:

1. To demonstrate a basic attitude of respect for all people which forbids us ever to use them as instruments for our own profit
2. To resolve firmly never to profit from, or allow ourselves to be suborned by, positions of power deriving from privilege
3. To promote an attitude not simply of refusal but of counter-attack against injustice--a decision to work with others toward the dismantling of unjust social structures so that the weak, the oppressed, the marginalized of this world may be set free.

This one-block course combines the study of Christian and Ignatian Spirituality with a service-learning project that will take place during the school day. It is both theoretical and practical. Students will spend the first portion of the course in the classroom, reading and learning more about various Christian approaches to discipleship, especially the life of St. Ignatius, the Spiritual Exercises, and spirituality in the Ignatian tradition. Together with the teacher, students will discern what kind of concrete actions this Christian faith might require. Following this formation period, students will spend class time working with marginalized people. During this experience, the students will reflect on their work and continue the academic portion of the class in an online format, submitting assignments electronically and participating in online discussions with their teacher and peers. The Arrupe Experience helps the student to actualize the expectations of the Grad at Grad: intellectually competent, open to growth, loving, religious, and committed to doing justice.

## WORLD LANGUAGE OFFERINGS

### **616 - Latin I**

**2 semesters (1.0 credit)**

This course is an introduction to the Latin language and its unparalleled importance in the development of Western thought and culture. In addition to learning how to engage with primary sources in their original language, Latin students develop general skills in language acquisition that will benefit them in subsequent learning. Prerequisites: none.

### **626 - Latin II**

**2 semesters (1.0 credit)**

This course is a continuation of Latin I with an emphasis on the acquisition of Latin grammar and vocabulary leading to an improved facility in reading the Latin language. Prerequisites: Latin I or placement by an optional incoming freshman language placement exam in March.

### **628 - Honors Latin II**

**2 semesters (1.0 credit)**

This course is a continuation of Latin I with an emphasis on the acquisition of Latin grammar and vocabulary leading to an improved facility in reading the Latin language. Prerequisite: Latin I, teacher or department chair recommendation, or placement by an optional incoming freshman language placement exam in March.

### **630 - Latin III**

**2 semesters (1.0 credit)**

This course is a continuation of Latin II with an emphasis on the improvement of the skills needed to read Latin prose from a wide variety of sources and time periods. A particular emphasis will be placed on the classical prose that serves as the model for all authors in subsequent periods. Prose selections from Pliny and Cicero present Roman thinking on the ideal Roman citizen and administrator, social legislation, conspiracy against the government, and the rule of law. Prerequisite: teacher or department chair recommendation.

### **638 - Honors Latin III**

**2 semesters (1.0 credit)**

This course is a continuation of Honors Latin II with an emphasis on the improvement of the skills needed to read Latin prose from a wide variety of sources and time periods. A particular emphasis will be placed on the classical prose that serves as the model for all authors in subsequent periods. Prose selections from Pliny and Cicero present Roman thinking on the ideal Roman citizen and administrator, social legislation, conspiracy against the government, and the rule of law. Since this is an honors class, the pace of the class will be faster and the scope broader. Prerequisite: teacher or department chair recommendation.

### **640 - Latin IV**

**2 semesters (1.0 credit)**

This course concentrates on Caesar's Gallic Wars and Vergil's monumental epic poem, the Aeneid, read in Latin. Related materials will also be read. These readings will be concerned with the significance of these works in their own day, as well as their continuing relevance to modern life. Prerequisite: teacher or department chair recommendation.

### **649 - AP Latin IV**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and UNO dual enrollment*

This course concentrates on the reading of Caesar's Gallic Wars and Vergil's Aeneid. Prerequisite: teacher or department chair recommendation.

### **716 - French I**

**2 semesters (1.0 credit)**

This course is an introduction to the French language and culture. Prerequisites: none.

**726 - French II****2 semesters (1.0 credit)**

This course is a continuation of French I with an emphasis on the acquisition of French grammar and vocabulary leading to an improved facility in understanding, speaking, and writing the French language. Prerequisites: French I or placement by an optional incoming freshman language placement exam in March.

**728 - Honors French II****2 semesters (1.0 credit)**

This course is a continuation of French I with an emphasis on the acquisition of French grammar and vocabulary leading to an improved facility in understanding, speaking, and writing the French language. Since this is an honors course, it will cover this material in greater depth. Prerequisite: French I, teacher or department chair recommendation, or placement by an optional incoming freshman language placement exam in March.

**730 - French III****2 semesters (1.0 credit)**

This course continues to develop grammar and vocabulary in the context of the culture and history of France and other French-speaking countries. The emphasis is on French as a key to understanding the rich expression of the French cultural environment. Conversation and composition skills are stressed, with an introduction to French literature. Prerequisite: teacher or department chair recommendation.

**738 – Honors French III****2 semesters (1.0 credit)**

This course continues to develop grammar and vocabulary in the context of the culture and history of France and other French-speaking countries. The emphasis is on French as a key to understanding the rich expression of the French cultural environment. Conversation and composition skills are stressed, with an introduction to French literature. Since this course is for honors credit, the pace will be accelerated, and the material covered in greater depth. Prerequisite: teacher or department chair recommendation.

**740 - French IV****2 semesters (1.0 credit)**

This course is a continuation of French III with language work on the development of ease and precision in conversation through an introduction to French literature. A variety of literature and realia from the French speaking world will be read, listened to, watched, and discussed and will be used as a focus for furthering composition and translation skills. Prerequisite: teacher or department chair recommendation.

**748 – Honors French IV****2 semesters (1.0 credit)**

This course is a continuation of French III with language work on the development of ease and precision in conversation through an introduction to French literature. A variety of literature and realia from the French speaking world will be read, listened to, watched, and discussed and will be used as a focus for furthering composition and translation skills. Since this course is for honors credit, it will move at a faster pace and cover the material in greater depth. Prerequisite: teacher or department chair recommendation.

**750 - AP French Language and Culture****2 semesters (1.0 credit)**

*Available for Advanced Placement*

This course will follow an AP curriculum to ensure the success of the students on the AP French Language Exam in the spring. Prerequisite: teacher or department chair recommendation.

**816 - Spanish I****2 semesters (1.0 credit)**

This course is an introduction to the Spanish language and culture. Prerequisites: none

**817 - Advanced Spanish I****2 semesters (1.0 credit)**

This course is designed for students who have studied the Spanish language but are not yet prepared for continuing their study of the language at Spanish II. In order to take this course, students must have taken the Prep entrance exam for placement in Spanish offered in the spring and be recommended by the

department. Prerequisite: placement by an optional incoming freshman language placement exam in March.

**826 - Spanish II**

**2 semesters (1.0 credit)**

This course is a continuation of Spanish I with an emphasis on the acquisition of Spanish grammar and vocabulary leading to an improved facility in understanding, speaking, and writing the Spanish language. Prerequisites: Spanish I or placement by an optional incoming freshman language placement exam in March.

**828 - Honors Spanish II**

**2 semesters (1.0 credit)**

This course is a continuation of Spanish I with an emphasis on the acquisition of Spanish grammar and vocabulary leading to an improved facility in understanding, speaking, and writing the Spanish language. Since this is an honors class, the material will be covered in greater depth and scope. Prerequisite: Spanish I, teacher or department chair recommendation, or placement by an optional incoming freshman language placement exam in March.

**830 - Spanish III**

**2 semesters (1.0 credit)**

This course is designed for students to develop their written, reading, translating and conversational skills in Spanish. A comprehensive grammatical review will be followed by progressively more complicated structures needed to speak Spanish well. Classroom activities will progress from drills to exercises of a more communicative nature with oral presentations required throughout the year. Prerequisite: teacher or department chair recommendation.

**838 - Honors Spanish III**

**2 semesters (1.0 credit)**

This course is designed for students to develop their written, reading, translating and conversational skills in Spanish. A comprehensive grammatical review will be followed by progressively more complicated structures needed to speak Spanish well. Classroom activities will progress from drills to exercises of a more communicative nature with oral presentations required throughout the year. Since this course is for honors credit, students will move at a faster pace, will be challenged by reading short literary stories, and will be expected to speak in the target language. Prerequisite: teacher or department chair recommendation.

**840 - Spanish IV**

**2 semesters (1.0 credit)**

Building on the skills gained in Spanish III, this course exposes students to Spanish speaking communities that will motivate and challenge students to learn Spanish for immediate real world application. Emphasis is placed on communication using the vocabulary and basic grammar concepts of familiar topics. Students will continue on the pathway to proficiency by synthesizing what they have learned as they continue to express themselves and negotiate meaning in the target language, interpret authentic and non-authentic written and spoken language, and present information, concepts, and ideas in the target language. Aspects of Hispanic culture are taught as an integral part of the learning process. Students will have the opportunity to earn the Seal of Biliteracy and take other tests to certify their proficiency level. Prerequisite: teacher or department chair recommendation.

**852 - AP Spanish Language and Culture**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and UNO dual enrollment*

This course will follow an AP curriculum to ensure the success of the students on the AP Spanish Language and Culture Exam in the spring. It focuses on the application and improvement of the knowledge acquired in previous Spanish classes. Students will practice communicating in Spanish and study real-life materials such as newspaper articles, films, music, and books. Students will also research cultural issues such as: immigration, revolutions, art, legends, poetry and literary figures of Spain and

Latin America. This class will expose students to cultural experiences through visits to museums, restaurants, celebrations and other Hispanic activities. Prerequisite: 85% in Honors Spanish III or 90% in Spanish III and teacher or department chair recommendation.

**860 - AP Spanish Literature and Culture**

**2 semesters (1.0 credit)**

*Available for Advanced Placement and UNO dual enrollment*

This course will follow an AP curriculum to ensure the success of the students on the AP Spanish Literature and Culture Exam in the spring. The objective of this course is to help students continue developing the four basic language skills (reading, writing, listening and speaking) through the study of canonical texts within the Spanish and Spanish American literary traditions. Students will practice in-depth writing and reading skills for the purpose of distinguishing between literal and metaphorical meanings. This practice, in turn, will foster the development of more advanced interpretive skills. In addition, the class seeks to help students understand the practice of reading and writing as a tool to engage in critical thinking. Prerequisite: 90% in Honors Spanish IV and teacher or department chair recommendation.

**910 - Greek: A Practical Introduction (elective only)**

**1 semester (0.5 credits)**

Greek is the original language of the New Testament, the language of Homer and Hippocrates, and has provided the various STEM fields with much of their terminology. In this course, students will gain an introduction to Greek through engagement with authentic readings from a variety of sacred and secular sources. They will learn to use the Greek alphabet, master basic grammatical concepts, and improve their vocabulary. This course is for a broad range of students including those interested in medicine, theology, technology, history, music, and other languages. This elective course does not satisfy the language requirements for graduation. Prerequisites: none