

# Notre Dame Preparatory



## Course Description Guide 2018-19

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## Graduation Requirements for Class of 2019 and beyond

To receive an *NDP* Diploma, a student must complete up to thirty (30) credits. The required courses for all students are:

Theology	4 credits
English	4 credits
Mathematics	4 credits
Science	4 credits
Social Studies	4 credits
Foreign Language (Must be sequential and in same language)	3 credits
Fine Arts	1.5 credits
Technology	.5 credit
Personal Fitness	1 credit
Health	.5 credit
Elective Courses	1.5 credits
Christian Service*	2 credits

\*The addition of .5 credit per year for Christian Service Learning.

\*Class of 2019: 29 credits

\*Class of 2020: 29.5 credits

\*Class of 2021 and beyond: 30 credits

### Course Progression

English, Fine Arts, Theology, and World Language courses are numbered sequentially. For example, English 1, English 2, English 3, and English 4.

#### Math Sequence

The Math sequence is: Algebra 1, Geometry, Algebra 2, Pre-Calculus, and Calculus. Honors and AP levels are available and students may accelerate through the program by taking summer school at Notre Dame Preparatory. *Students must be enrolled in a math class each year at NDP.*

#### Physical Education Sequence

The Physical Education sequence is: Personal Health and Wellness. This course must be taken prior to any additional PE electives.

#### Science Sequence

The Science sequence is:

1. Foundations of Applied Physics, Biology, and Chemistry, plus an elective.
2. Biology, Chemistry, and Physics, plus an elective.

All students must take either Foundations of Applied Physics or Physics. Honors and AP levels are available and students may accelerate through the program by taking summer school at Notre Dame Preparatory or placing into higher levels by standardized test scores.

#### Social Studies

The Social Studies sequence is: World Geography, World History, U.S. History, Government, and Economics. Honors and AP levels are available.

## Advanced Placement Courses

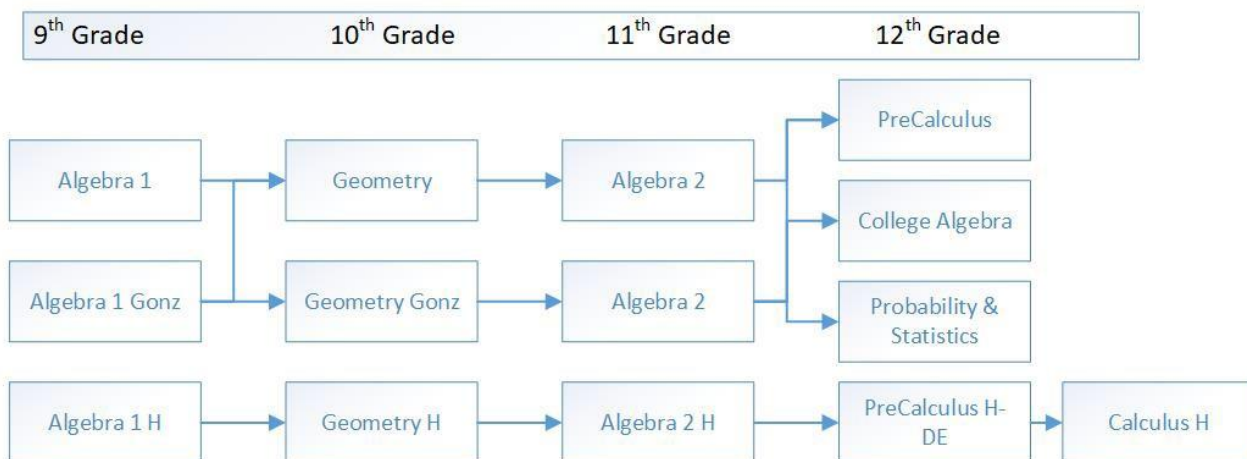
Admission to Advanced Placement (AP) courses is by standardized test scores and class grades. Advanced Placement courses are college level courses for academically capable students. At the end of each course, students take The College Board AP exam. If the course is a full academic year, students are expected to make the year-long commitment. College credit or placement may be awarded depending upon the college or university a student attends. AP courses are weighted an extra point toward GPA. *Due to a greatly increased homework and study workload, students should communicate with teachers prior to enrollment for additional information.*

*This space intentionally left blank.*

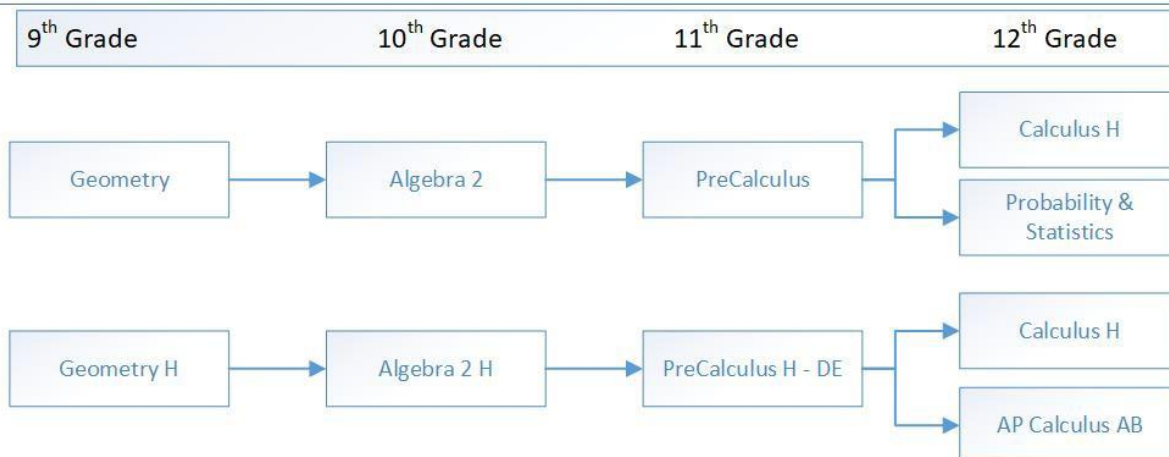
## Math Scope and Sequence

There are several math pathways at NDP depending upon student placement test results. Review carefully to plan schedules accordingly

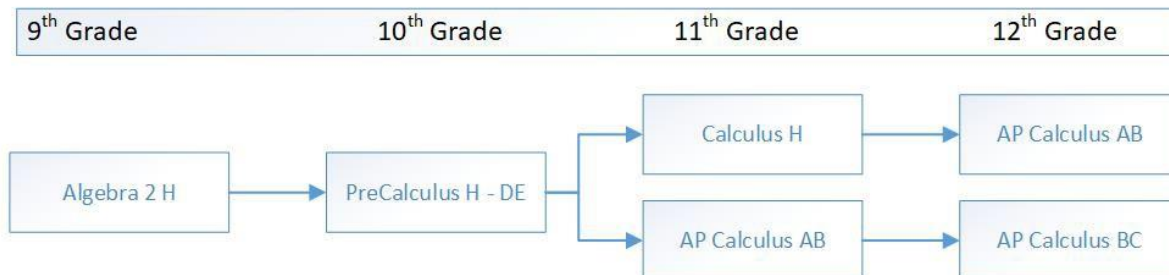
Path 1



Path 2



Path 3



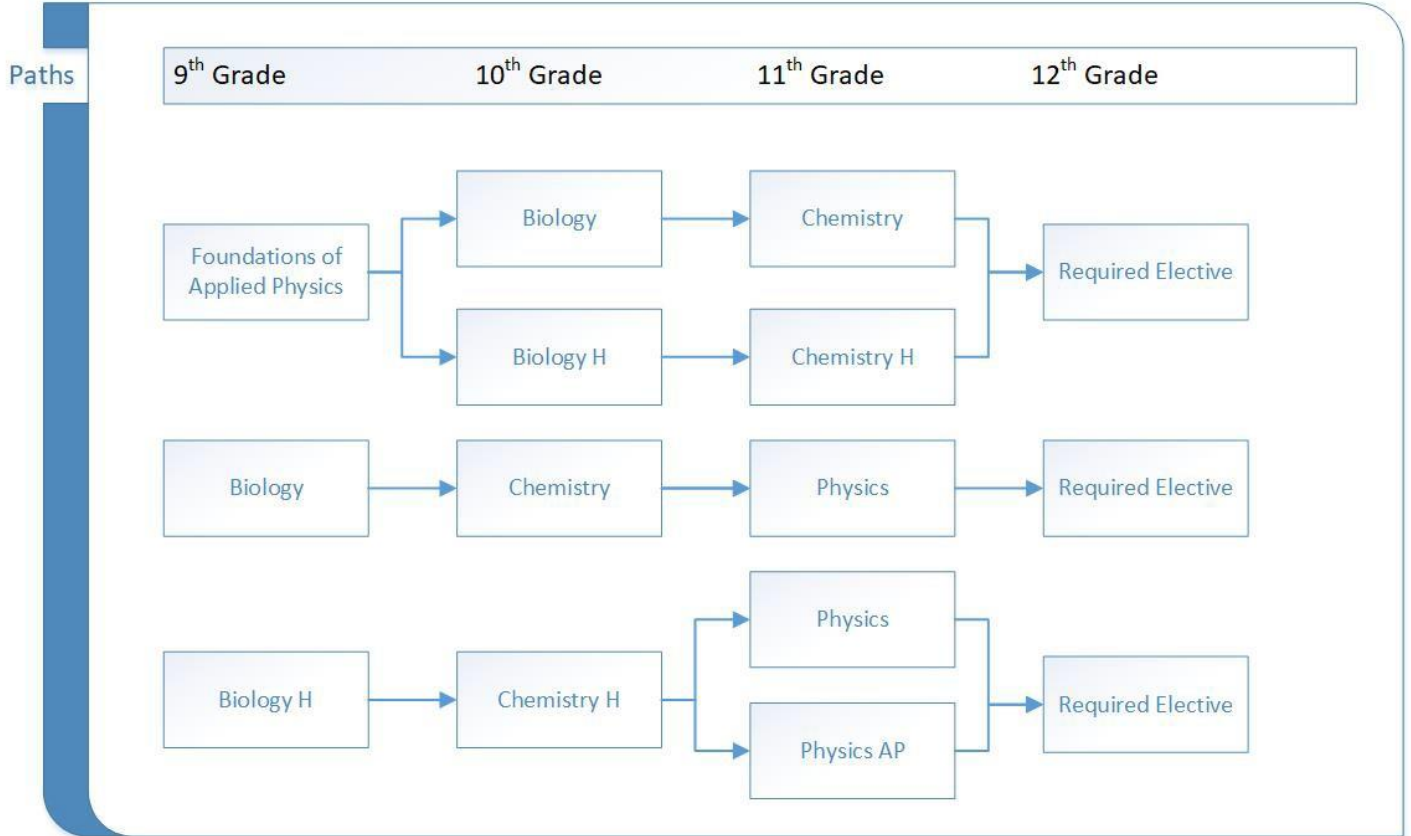
\*Students are able to accelerate through math classes by taking summer school.

\*Students are required to be in a math class every year at NDP.

\*PreCalculus Honors has a Dual Enrollment (DE) option.

### Science Scope and Sequence

There are several Science pathways at NDP depending upon student placement test results. Review carefully to plan schedules accordingly.

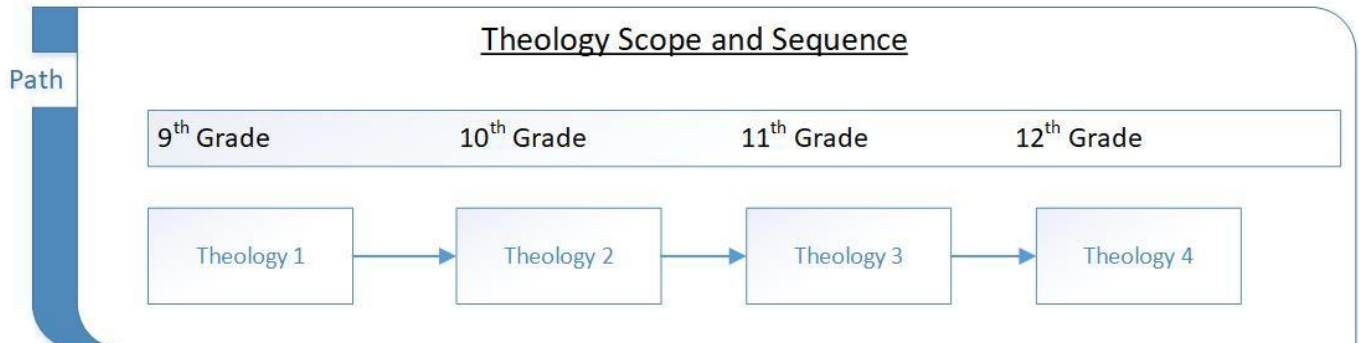


\*Review grade requirements for advancing to higher levels.

\*Students must take either Foundations of Applied Physics or Physics.

\*Students should review Required Elective offerings in the Course Description Guide.

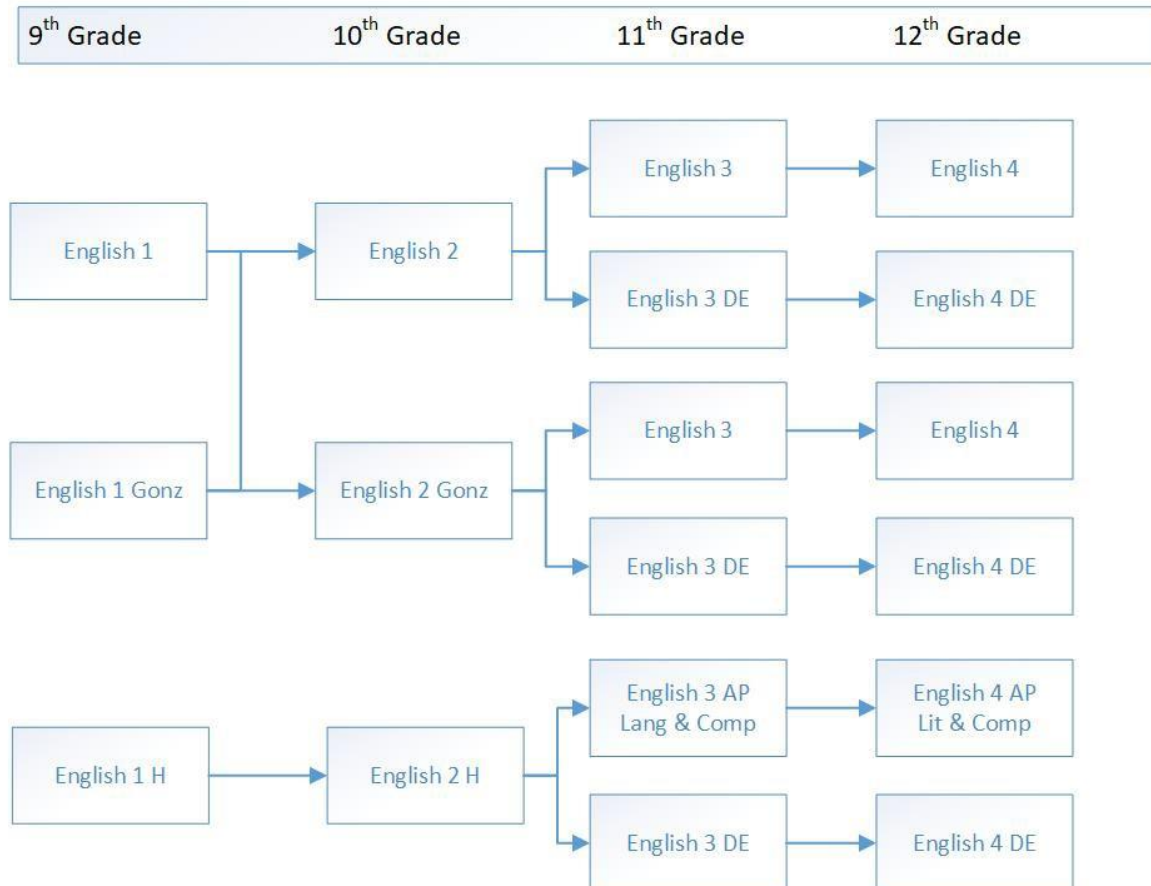
### Theology Scope and Sequence



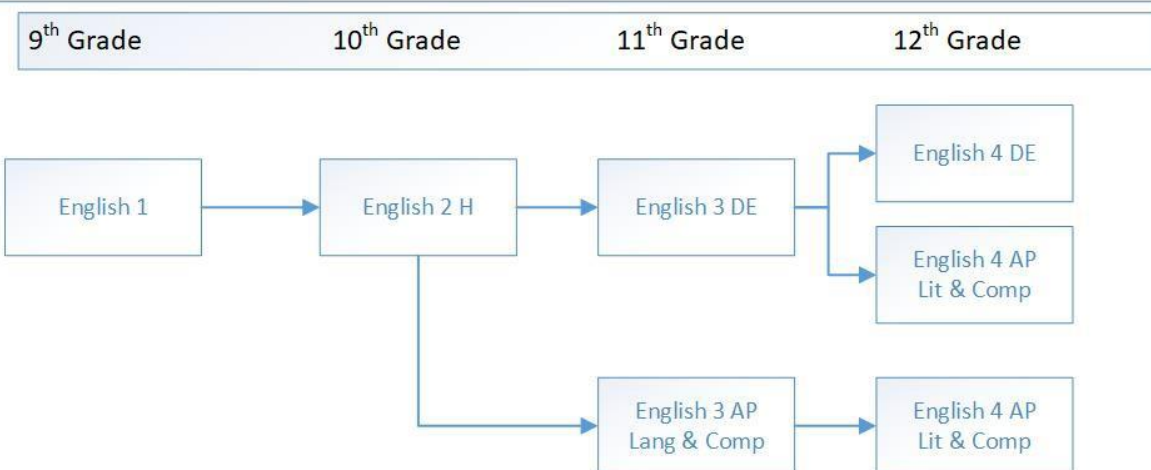
## English Scope and Sequence

There are several English pathways at NDP depending upon student placement test results. Review carefully to plan schedules accordingly

Path 1



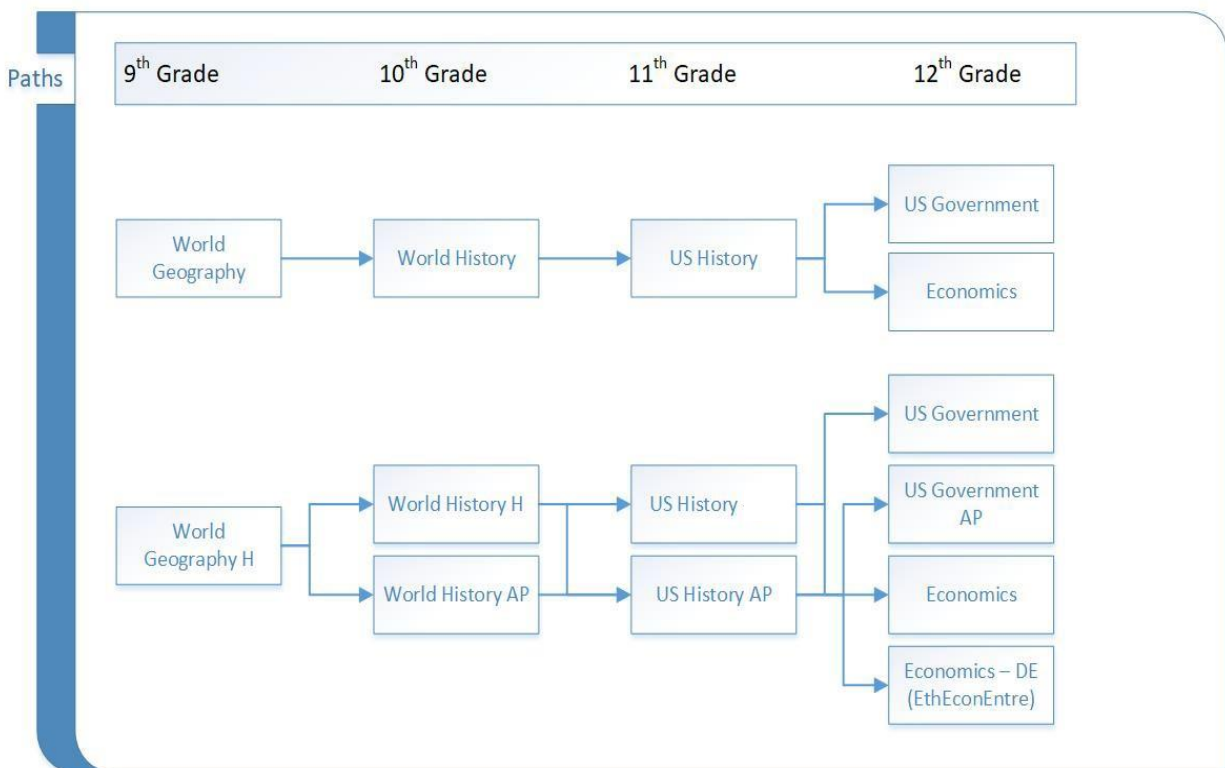
Alt. Path



- \*Review grade requirements for advancing to higher levels.
- \*English 3 and English 4 have a Dual Enrollment (DE) option.
- \*English 3 DE must be taken prior to English 4 DE.

### Social Studies Scope and Sequence

There are several Social Studies pathways at NDP depending upon student placement test results. Review carefully to plan schedules accordingly.



**\*Review grade requirements for advancing to higher levels.**

**\*Economics have a Dual Enrollment (DE) options.**

**\*Students should review Required Elective offerings in the Course Description Guide.**



## **Requirements to Graduate with Distinction**

<b>Honors at Graduation for Class of 2019-2021</b>			
	<b>Summa Cum Laude:</b>	<b>Magna Cum Laude</b>	<b>Cum Laude</b>
<b>Credits: 2019</b>	<b>31</b>	<b>31</b>	<b>31</b>
<b>Credits: 2020</b>	<b>31.5</b>	<b>31.5</b>	<b>31.5</b>
<b>Credits: 2021</b>	<b>32</b>	<b>32</b>	<b>32</b>
<b>Weighted GPA:</b>	<b>4.0</b>	<b>4.0</b>	<b>3.75</b>
<b>Required Electives:</b>	<ul style="list-style-type: none"> <li>• Focus: Seminar Honors</li> <li>• Focus: Research Honors</li> <li>• Philosophy Honors</li> <li>• Argumentation &amp; Rhetoric Honors</li> </ul>		
<b>Comments:</b>	<ul style="list-style-type: none"> <li>• Rising seniors are considered to have met the Graduate with Distinction language requirements if they have completed a 4<sup>th</sup> level of world language at NDP. For example, if a current junior successfully completes Spanish IV this year, that student need not take another Spanish class to fulfill the requirement.</li> </ul>		

<b>Honors at Graduation for Class of 2022</b>		
	<b>Summa Cum Laude:</b>	<b>Magna Cum Laude</b>
<b>Credits:</b>	<b>32</b>	<b>32</b>
<b>Weighted GPA:</b>	<b>4.0</b>	<b>3.85</b>
<b>Required Electives:</b>	<ul style="list-style-type: none"> <li>• Focus: Seminar Honors</li> <li>• Focus: Research Honors</li> <li>• Philosophy Honors</li> <li>• Argumentation &amp; Rhetoric Honors</li> </ul>	
<b>Comments:</b>	<ul style="list-style-type: none"> <li>• Rising seniors are considered to have met the Graduate with Distinction language requirements if they have completed a 4<sup>th</sup> level of world language at NDP. For example, if a current junior successfully completes Spanish IV this year, that student need not take another Spanish class to fulfill the requirement.</li> </ul>	

\*GPA will be checked for students eligible to Graduate with Distinction on March 1<sup>st</sup> (or the closest school day after). The final GPA check will occur on April 1<sup>st</sup> (or the closest school day after).

## **Policies and Procedures Governing Course Changes**

Students select courses in the second semester for enrollment in the following school year. The process includes placement based upon standardized test scores and grades, advisement by the student's counselor, and approval of course selections by parent/guardian.

Acceptable reasons for course change:

- Graduation requirement
- Completion of approved summer school course
- Documented health issue
- Computer error

### **Changes of Level Courses**

Change in a course level necessitates a collaborative effort between the teacher, student, parent/guardian, and the student's counselor. Factors to consider in a change are the student's academic competencies and prior performance, standardized test scores, and his/her high school transcript as well as the student's college and career goals. A teacher may recommend a change of level based on the student's performance within 15 days of the first day of school.

A student may request a change within the first five (5) school days of the semester. The course is deleted from the student's transcript if dropped during the first five days. A withdrawal after the first five days and before the 30th day will be noted as a Withdrawal Passing (WP) or Withdrawal Failure (WF). After the 30<sup>th</sup> day, a student will receive an F for the class.

### **Changing Teachers in a Subject Area**

Scheduling of students into classes is based on multiple factors. Changing teachers or choosing teachers for specific classes is NOT permitted. Counselors do not have the discretion to change a student's teacher but are available to assist with the student and/or parent in the course selection process.

## **General Placement Requirements**

The following grades are the minimum requirement for placing into higher level classes.

\*\*\*Exception: There will be no movement from regular courses to Advanced Placement in World Languages and Math.

Current Course Level	Desired Course Level	Minimum Required Grade
Regular	Honors	A
Regular	***Advanced Placement	A
Honors	Honors	B
Honors	Advanced Placement	B+
Advanced Placement	Advanced Placement	B

# **Dual Enrollment**

## **Admission Qualifications**

In order to participate in the Dual Enrollment Program offered at Scottsdale Community College (SCC), students must first be admitted to SCC before enrolling in Dual Enrollment courses.

1. Student completion of course prerequisites is mandatory before being admitted into a dual enrollment course.
2. Students must complete all registration forms.
3. Students must comply with Proposition 300 regulations related to proof of residency requirements for in-state tuition. See SCC for more information.
4. Students are expected to follow all policy and procedural governances of SCC.

## **Specific Department Admission Qualifications**

- For ENG101 - Students must take Accuplacer Writing Skills Placement Test (Writeplacer) and score 5 or higher (1-8 scoring range)
- For MAT152 and MAT182 - Students must take Accuplacer College Math Placement Test and score 237-262 or higher (200-300 scoring range)
- For all other academic courses (examples History, World Languages) - Students must meet one of the following:
  - PSAT - 93 or higher (Math & Verbal)
  - SAT - 930 or higher (Math & Verbal)
  - ACT - 22 or higher (Composite)
  - Accuplacer Reading Placement Test 74 or higher (20-120 scoring range)

## **What's the Next Step if We Are Interested in Registering?**

There are basic steps to registering, but the process can feel cumbersome if you don't pay careful attention to SCC's dual enrollment website. The best advice is to read everything before beginning the process. The basic steps are:

1. Look over the list of dual enrollment courses offered at Notre Dame Prep and ascertain which are on your NDP schedule that you want to take. Note course #s and section #s, as well as whether you need pre-requisites. Unfortunately, some courses are only available via certain teachers.
2. If a new student, [click this link](#), submit your information, and retrieve and write down your MEID #; you will need it later on.
3. Register as a Scottsdale Community College (SCC) student, either "new" (never before have taken a course), or "Returning" (have taken a SCC course), and sign up for your courses. You will need to acquire an MEID number and a Student ID number to complete registration. A very helpful tutorial greets you after you click one or the other; we highly recommend it. When you're done, print all (required) forms:
  - Registration Request Summary
  - Designated Official Form
  - Payment Options Page
4. After selecting classes, students must complete registration process by following instructions on SCC's site.
5. Bring 1) your printed registration packet, 2) a photocopy of one of the following: a US birth certificate, Driver License, US Passport, or Residency card if a Permanent Resident, and a check made out to SCC, if you don't want to pay by credit card or be billed, to SCC rep on campus.
6. If you need to take a placement test, your registration information won't be complete until you do so. You can see pre-requisites on the course list, and test at a SCC testing center if necessary.

Once you're registered, you will be in SCC's database as a student, and will be able to access official transcripts upon completion of courses. If you have any questions, please contact the Counseling department at 480-634-8239 or by email.

# Course Descriptions

## *Arts: Visual and Performing*

*Students are required to take three semesters of Fine Arts.*

### \*\*\* **Drawing 1**

1 semester .5 credit

#### **Visual**

This course is a prerequisite for other drawing and painting classes. Students are introduced to the universal Basic Elements of Art & Principles of Design, while developing their drawing skills. Students have a chance to explore a variety of mediums to practice strong drawing models and rendering realistic drawing techniques. Emphasis is placed on learning how to create strong value, line, texture, space, volume and composition within their individual artwork. Art mediums used include pencil, charcoal, colored pastel, pen and ink and watercolor. Projects include but are not limited to still life, famous person portrait, Catholic identity project, hybrid animal & metamorphosis drawing, specific historical era drawing, basic one and two point perspective, as well as a few free projects as time permits during the semester.

### \*\*\* **Drawing 2**

1 semester .5 credit

#### **Visual**

#### **Prerequisite: Completion of Drawing 1.**

Intermediate Drawing continues the development of technical and perceptual skills relating to the Basic Elements of design for the advanced drawer, while encouraging the use of diverse materials and more advanced pictorial content. More emphasis is given to personal thematic development and skill building, especially important for students wishing to pursue more art classes. More freedom of visual content and the chance for students to explore more diverse mediums such as charcoal, colored pastel, pen and ink, watercolor, acrylic ink, mixed mediums and linoleum block carving will be offered. Projects include famous person portrait, old master with a twist drawing, realism vs. abstraction, Catholic identity, some free projects with an emphasis on making larger sized works. Students in advanced drawing will demonstrate their ability to respond, analyze, and interpret their own artwork and the work of their peers through discussions & critiques.

### \*\*\* **Painting 1**

1 semester .5 credit

#### **Visual**

Students will be introduced to a variety of painting techniques, basic color mixing and application of paint. Basic color theory, creative color wheels, color psychology and marketing trends, Old Master reproductions with a twist, and a basic still life projects to acquire 3-D realism experience. The reproduction project encourages students to learn about one their favorite paintings and the master artist legacy behind it. Students are asked interpret the painting with new color schemes given their individual personal color aesthetic and newly learned color theory knowledge. Basic color theory, roles of color psychology and roles of cultural color are discussed. This class is designed to give students a vast and fun understanding of how color works and is a must class for students interested in art and design studies. Primary painting mediums include acrylic and watercolor.

### \*\*\* **Painting 2**

1 semester .5 credit

#### **Visual**

#### **Prerequisite: Completion of Painting 1.**

Students will be introduced to more advanced painting techniques through the use of demonstrations and in class discussions. Exploration of color theory and application, skill building techniques are also emphasized while students are encouraged to develop their individual painting strengths. Students are encouraged to learn about their favorite artists and look more at the influences they are responding to in artworks they create a portfolio of work. Students will be challenged to create larger works while asserting the 14 Basic Elements of Design.

Projects include still life, pop culture icons portrait, Catholic Identity portraits, landscape and some free projects. Experiences in this course will give students opportunities to explore several different painting mediums of acrylic, watercolor and acrylic inks. Students in advanced painting will demonstrate their ability to respond, analyze and interpret their own artwork and the work of their peers through discussions and critiques. Primary painting mediums are acrylic and watercolor.

\*\*\*

### **Advanced Studio Art**

1 semester .5 credit

#### ***Visual***

**Prerequisite: Completion of second level of any Visual Arts classes or instructor approval.**

**Can be repeated for credit.**

This class is designed for the motivated art student who possesses a strong desire to further artistic skills & develop a competitive portfolio and body of artwork. The emphasis is on advanced techniques, symbolism and more personal narratives within a body of works created throughout the course. Personal creative & thematic development, along with an emphasis on the Basic Elements of Design is offered. Students are encouraged to experiment more while developing their individual style and using creative problem solving skills. The class will be organized to give the student more freedom to develop a strong collection of work, while being introduced to advanced painting and drawing concepts in contemporary art and historical works. Diversity and experimentation of all art media is highly encouraged, such as graphite, charcoal, watercolor, pastels, printing, colored pencil, acrylic inks, and mixed media. Students in advanced drawing will demonstrate their ability to respond, analyze and interpret their own artwork and the work of their peers through discussions & critiques. Students will create a portfolio during this class. Motivated and art enthusiasts please apply!!

\*\*\*

### **Ceramics 1**

1 semester .5 credit

#### ***Visual***

Students in this class will be given an introduction to the nature, functions, and techniques of pottery as an art form. Through a brief study of history, students will learn to view and appreciate the role of pottery in society, both past and present. Students will learn the basic terminology and tools of pottery. Students will use a variety of hand-building techniques to create works in clay. Hand-building techniques include pinch pots, coil-construction and slab construction. Through teacher led demonstrations, students will learn and execute various techniques used in construction, decoration, and surface treatment of clay. Students will learn and utilize the process of glazing to decorate their pottery. As in any art class, the elements of design (line, shape, color, texture, space, and form) and how these elements are used to create a successful piece of pottery will be discussed and will be part of the individual student grade. Students will show an awareness of visual and functional relationships in each completed project. Craftsmanship will be the greatest focus of any successfully completed pottery project. Individual creativity will be emphasized and will be of great importance in the success of the student in this course. This class will require a devoted effort and enthusiasm on the part of the student due to project length as well as more in-depth and challenging project goals.

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### **Ceramics 2**

1 semester .5 credit

#### ***Visual***

**Prerequisite: Completion of Ceramics 1.**

Students in this class will use the skills that were taught in Beginning Ceramics to create more advanced hand-building projects as well as learn to make pots on the potter's wheel. Students will work to perfect their techniques used in decoration and surface treatment of clay as it relates to the finished appearance of their pottery. A greater focus will be placed on the elements of design (line, shape, color, texture, space, and form) and how these elements are used to create a successful piece of pottery. Students will show an increased awareness of visual and functional relationships in each completed project. Craftsmanship is of greater importance and will be the focus of any successfully completed ceramic project. Individual creativity will be emphasized and will be of great importance in the success of the student in this course. This class will require a devoted effort and enthusiasm on the part of student due to longer projects and more in-depth and challenging project goals.

\*\*\*

### **Advanced Ceramics**

1 semester .5 credit

*Visual*

**Prerequisite: Completion of Ceramics 2.**

**Can be repeated for credit.**

Students in this class will use the skills that were learned in the previous classes to create more advanced and challenging pieces. Students will spend the entire semester either hand-building or throwing at the wheel. For those spending the semester at the wheel, a greater focus will be placed on improved upon wheel-throwing skills as well as more challenging projects. Overall, a greater focus will be placed on elements of design (line, shape, color, texture, space and form) and how these elements are used to create a successful piece of pottery. Students will show an awareness of visual and functional relationship in each completed project. Artistic ability will be of greater importance to any successfully completed ceramic project. Individual creativity also will be emphasized and will be of great importance in the success of the student in this course. This class will require a devoted effort and enthusiasm on the part of the student due to longer projects, more in-depth, and more challenging project goals.

\*\*\*

### **Digital Photography**

1 semester .5 credit

*Visual*

**Required: A digital camera, preferably a DSLR with 8.0 megapixels or better.**

This class will teach the casual photographer more about the digital camera and its components. Characteristics of the visual arts will be discussed. Elements of photography will be taught and applied to assignments. A digital portfolio of photographs will be developed by the end of the semester. The student will learn to use photo editing software. Ethics of photojournalism will be discussed.

\*\*\*

### **Computer Graphics**

1 semester .5 credit

*Visual*

**Prerequisite: Completion of Introduction to Digital Technology.**

**Required: A minimum 32GB flash is recommended for this class.**

**Can be repeated once for credit.**

This course encourages students to use computer-based tools to explore creative uses of technology to produce fine art. Students learn Illustrator to create vector images and Photoshop to create various artistic and graphic images. When students complete the course, they will be able to take elements created in Illustrator and PhotoShop to create original artwork.

\*\*\*

### **3-D Art & Design/Sculpture**

1 semester .5 credit

*Visual*

**Prerequisite: Completion of any level 1 Visual Art course.**

**Can be repeated for credit.**

The objective of this course is to teach students how to work with and create three-dimensional forms of art. A variety of construction techniques and materials will be employed to explore "the 3-D form." To make the experience more complete, a variety of projects will be created so to explore the numerous possibilities that are available when working with an assortment of materials. Projects will include both individual and group creations. Some projects may incorporate the use of a 3-D scanner and a 3-D printer to create a small scale, finished, repeatable product. How to install and display 3-D projects will also be explored. To inspire student work, this course will discuss and examine historical and contemporary three-dimensional art. Depending upon the materials being used, students will learn to use a variety of tools needed to create and craft these 3-D works of art. Materials used to create 3-D projects may include: wood, metal, glass, plaster, plastics, paper products, cardboard, fibers, and ceramic.

\*\*\* **Digital Painting**

1 semester .5 credit

**Visual**

This class focuses on the image manipulation and painting tools of PhotoShop and translates traditional painting techniques to the computer. This course will provide the knowledge necessary to use *Adobe Photoshop CC 2017* software as a painting tool. Students will explore traditional artists and copy their techniques for creating digital art. The artwork will begin with simple projects to familiarize the students with paint tools and increase in difficulty and creativity as the class as the semester progresses.

\*\*\* **Guitar 1**

1 semester .5 credit

**Performing**

**Dual Enrollment option – juniors and seniors only**

**Required: An acoustic guitar.**

This is a course for beginning students with no previous experience, as well as for students with minimal experience on the guitar. An acoustic guitar is required, and neither electric guitars nor amps will be allowed. Students will learn to read music, learn basic chords, finger picking, and will perform in a guitar ensemble. Students will memorize fret boards, and by learning power chords and bar chords, the student will have a better understanding of the guitar fret board as well as increased technical facility. Students will be tested individually on class material. A public performance may be added. A mandatory concert performance will be given at the end of the semester, the date to be determined.

\*\*\* **Guitar 2**

1 semester .5 credit

**Performing**

**Dual Enrollment option – juniors and seniors only**

**Prerequisite: Completion of Guitar 1 or Guitar 1 DE for DE option**

**Required: An acoustic guitar.**

This is a course for intermediate students with some previous experience on the guitar. An acoustic guitar is required, and neither electric guitars nor amps will be allowed. Students will learn to read music, learn basic chords, finger picking, and will perform in a guitar ensemble. Students will memorize fret boards, and by learning power chords and bar chords, the student will have a better understanding of the guitar fret board as well as increased technical facility. Students will be tested individually on class material. A public performance may be added. A mandatory concert performance will be given at the end of the semester, the date to be determined.

\*\*\* **Advanced Guitar**

1 semester .5 credit

**Performing**

**Prerequisite: Completion of Guitar 2 or instructor approval via audition.**

**Required: An acoustic guitar.**

**Can be repeated for credit.**

This course builds on the knowledge from the previous classes and incorporates a more in-depth view of chord and scale concepts. Emphasis will be placed on learning the art of improvisation as well as the disciplines of jazz and blues. This course will focus on advanced chords, scales, progressions, improvisation, and compositional techniques. Students will have performance exams on the material discussed in class. A mandatory concert performance, as well as an in-class project performance will occur at the end of the semester.

\*\*\*

### **Guitar Orchestra**

2 semesters                      1 credit

#### ***Performing***

#### **Dual Enrollment option**

**Prerequisite: Completion of Guitar 1. Music reading proficiency.**

**Required: An acoustic guitar.**

**Can be repeated for credit.**

Designed for guitarists who read standard musical notation. Members of the Guitar Orchestra study, perform, and record music for multiple guitars and bass from Renaissance through 20th-century composers. Students learn improvisation, composition, and arranging techniques. The literature includes compositions written for guitar ensembles and arrangements of pieces originally written for other settings, ranging from solo instruments such as piano to full orchestras. The ensemble brings individual skills to bear effectively on a collaborative effort, resulting in beauty of execution and expression along with pride for the members in the ability to communicate as one with an audience.

\*\*\*

### **Jazz Ensemble**

2 semesters                      1 credit

#### ***Performing***

#### **Dual Enrollment option**

**Prerequisite: Auditions will be required.**

**Can be repeated for credit.**

This course provides students with opportunities to develop musicianship skill in a small to large jazz ensemble setting. The program aims at developing a characteristic sound, tone, and performance techniques, such as phrasing, dynamics, tempo, and improvisation. The band literature explored includes jazz and blues from the early 20th century to the present. Students will study scales in all keys, utilizing rhythm and melody with emphasis on reading and improvisation. Critical listening skills continue to be developed. Students will need to rent instruments if they do not have their own. At least one public concert and competitions are required each semester. In each subsequent year of study, students will be required to accomplish increasingly difficult solo and ensemble repertoire, advance in sight reading skills, improvisation, stylization, and become section leaders with rehearsal responsibilities.

\*\*\*

### **Brass Ensemble**

1 semester                      .5 credit

#### ***Performing***

**Prerequisite: Intermediate instrument experience. Students may also require private lessons outside of school.**

In this class, students learn about and practice performing of ensemble music. Class activities emphasize the development of instrument technique, tone production, tuning, fundamentals of music theory, music reading, and listening skills. This is a continuation level course for students with intermediate instrumental band experience. Emphasis is on the advancement of brass instrument technique, the further development of ensemble performance skills, and rehearsal and performance of intermediate level band music.

\*\*\*

### **String Orchestra**

1 semester                      .5 credit

#### ***Performing***

**Prerequisite: Previous experience with musical instrument and audition with instructor.**

Symphony Orchestra is offered to entering 9th grade Orchestra students and 10th-12th grade students as a continuation for students with previous orchestral experience. Educational emphasis is placed on the advancement of instrumental technique, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of small group ensemble music, and orchestral literature. Literature will contain both Classical and Popular music. Students will perform both in small group ensemble projects and as a large group. Symphony Orchestra will perform outside of class on a regular basis.



\*\*\*

### **Dance 1**

1 semester .5 credit

#### ***Performing***

**Course fee: \$50.00 for costumes**

**Prerequisite: Completion of physical prior to beginning of class.**

This course is for the beginning level dancers with little or no dance experience. Students will learn the fundamentals of dance by studying jazz dance, Broadway dance, and hip hop. Students will learn basic choreography skills and gain a solid understanding of rhythm, tempo, energy, alignment, and technique. The class will participate in a mandatory dance concert at the end of each semester.

\*\*\*

### **Dance 2**

1 semester .5 credit

#### ***Performing***

**Prerequisite: Dance 1 or instructor approval.**

**Course fee: \$75.00 for costumes**

**Prerequisite: Completion of physical prior to beginning of class.**

Intermediate Dance is designed for students with some dance training. Students will study dance techniques, including jazz dance, hip hop, ballet and contemporary dance along with developing strong choreography skills and historical dance knowledge. Students will be expected to participate daily in class, learn new movement, work on choreography projects, and explore the history and choreographers of different dance genres. The class will participate in a mandatory dance concert at the end of each semester.

\*\*\*

### **Dance Company – Advanced**

2 semesters 1.0 credit

#### ***Performing***

**Prerequisite: Dance 2 or instructor approval.**

**Can be repeated for credit.**

**Course fee: \$100.00 for costumes**

**Prerequisite: Completion of physical prior to beginning of class.**

This class is for the advanced dancer. Throughout this course, students will be challenge to develop their performance abilities and artistry. Students will learn choreography created by the dance teacher, guest artists, as well as pre-selected student pieces. Students will perform in a Winter and Spring Concert along with performances during specific school events. This class is designed as a preparatory class for a university dance program or commercial dance work. Students may perform outside of school hours.

\*\*\*

### **Acting 1**

1 semester .5 credit

#### ***Performing***

This class is designed for the student who wants to study acting in a fun atmosphere through dramatic reading, improvisation, scene-work and short plays. The skills of the actor in voice, movement, improvisation, and characterization help form a foundation for the lifelong skills of self-confidence, public speaking, cooperative learning, and an appreciation for the arts. No experience in theatre is required. Students will participate in the mandatory department showcase at the end of the semester.

\*\*\*

### **Acting 2**

1 semester .5 credit

#### ***Performing***

**Prerequisite: Completion of Acting 1 or instructor approval.**

**Can be repeated for credit.**

This is an intermediate acting class for students with previous experience. This class will include performing scenes, one-acts, plays, and an introduction to Musical Theatre. (No musical experience is necessary) There will be staged readings as well as performances open to the public. Students will participate in the mandatory department showcase at the end of the semester.

- \*\*\* **Chorus**  
1 semester .5 credit  
**Performing**  
Chorus aims to serve beginning or inexperienced singers. Students will learn the basics of proper breath support, healthy vocal production, blend and balance, range expansion, good intonation, ear training, and sight-reading. Chorus will perform a variety of music including jazz, contemporary choral, gospel, classical, and pop/Broadway music in unison and two-part harmony.
- \*\*\* **Concert Choir**  
2 semesters 1 credit  
**Performing**  
**Prerequisite: Completion of Chorus or audition.**  
**Can be repeated for credit.**  
**Course fee: There will be an attire expense of \$50 - \$100.**  
This course is a performance-based class, and the choir will perform a variety of choral literature such as Baroque, Classical, Broadway, jazz, and contemporary. Students will learn proper vocal technique, sight singing and musicianship and perform for school and community functions. This is a semester course, but enrollment in both the Fall and Spring semesters is highly encouraged.
- \*\*\* **Honors Concert Choir**  
2 semesters 1 credit  
**Performing**  
**Prerequisite: Two semesters of Concert Choir or instructor approval.**  
**Course fee: There will be an attire expense of \$50 - \$100.**  
This course is a performance-based class, and acceptance is by audition only. Students must exhibit advanced vocal technique, sight reading skills and music theory knowledge. The choir will perform a variety of choral literature, including Classical, Broadway, jazz, and contemporary. Students will advance their vocal technique, sight singing and musicianship and perform for school and community functions.
- \*\*\* **Madrigals**  
1 semester .5 credit  
**Performing**  
**Prerequisite: Audition and one semester of Honors Concert Choir, previously or concurrently.**  
**Can be repeated for credit.**  
**Course fee: There will be an attire expense of approximately \$150 (same attire as Honors).**  
Madrigals is an auditioned, advanced group for women. Singers must be practiced sight-readers and performers. This group will sing a variety of *a capella* and chamber music. Students will work towards enhancing vocal technique as well as advanced ensemble skills in four-part harmony.
- \*\*\* **Show Choir**  
1 semester .5 credit  
**Performing**  
**Prerequisite: One semester of Chorus and one semester of Dance or instructor approval.**  
**Can be repeated for credit.**  
**Course fee: There will be an attire expense of approximately \$150.**  
(Vocal Impact) Show Choir is an auditioned group. Singers must be proficient in basic sight-singing and choreography in order to register for this course. This group will focus on various aspects of performance including singing, dance, and showmanship. Students will work together to create choreography for their music as well as be expected to master two to three-part harmony.

\*\*\* **Music Theory and Composition - DE**

1 semester .5 credit

***Performing***

**Dual Enrollment option**

This course is for students who have a basic knowledge of music theory and want to expand and develop their theoretical understanding of musical concepts. These concepts will then be applied directly to the compositional process. Students will have the opportunity to compose in various styles and then have them performed. Some of these styles include classical, Romantic, Baroque, contemporary, and modern. This course is highly encouraged for students interested in pursuing music in college or career. This is a semester course, but enrollment in both the Fall and Spring semesters is highly encouraged.

## *English Language Arts*

### \*\*\* **English 1 – Gonzaga Program**

1 semesters                      1 credit

#### **Placement determined by admissions portfolio. Concurrent enrollment in Gonzaga 9.**

This course is designed to assure that each student has the skills necessary to master the English Language Arts standards for all ninth graders in the Diocese of Phoenix. Students will be taught study skills to become better critical readers, writers, and thinkers as they study both literature and informational texts. A portfolio of selected writing assignments is begun and moves with the student through his/her four years for the purpose of showing writing progress and assessing student development. Recognition of the key elements of the literary genres autobiography, biography, short story, drama, poetry, and non-fiction is emphasized. The basics of research and research writing utilizing MLA style are taught. Outside reading choices are determined by the instructor. This year-long class provides additional support for students, strengthening their English grammar and composition skills. Work will be individualized for each student in order to focus on specific reading, writing, and grammar skills. The goal of this class is to develop good, solid writers and more effective readers who can advance to English 2.

### \*\*\* **English 1**

2 semesters                      1 credit

#### **Placement determined by admissions portfolio.**

This course is designed to strengthen students' critical reading, writing, speaking, and listening skills through the study of both American and world literature. The curriculum integrates informational texts and technology projects to create a blended learning environment. Students will be taught the Jane Schaffer writing method. Additional emphasis is placed on identifying individual and common writing weaknesses and solving and addressing those weaknesses. Mastery of the key elements of the literary genres, short story, drama, poetry, and non-fiction is emphasized. The basics of research and research writing following MLA style are taught. Outside reading choices are determined by the instructor.

### \*\*\* **English 1 Honors**

2 semesters                      1 credit

#### **Placement determined by admissions portfolio.**

This class is for students who choose to be challenged beyond the standard class curriculum. Focus is on writing, grammar, critical thinking, public speaking, and vocabulary development in a blended learning environment. Students will refine writing skills using the Jane Schaffer writing method and will study the elements of fiction through short stories, novels, and informational texts. Students will be required to read independently a minimum of 50 pages per week for the current novel study. This course is designed to prepare students for Advanced Placement English courses and has a heavy emphasis on writing, particularly development of sentence fluency and higher-level analysis in process essays. Successful completion of this course requires strong reading skills as well as a disciplined and conscientious work ethic.

\*\*\* **English 2 – Gonzaga Program**

2 semesters                      1 credit

**Prerequisite:** Completion of English 1 - Gonzaga Program. Concurrent enrollment in Gonzaga 10.

This course is designed to assure that each student has the skills necessary to master the English Language Arts standards for all tenth graders in the Diocese of Phoenix. Students will continue to develop study skills to become better critical readers, writers, and thinkers as they study both literature and informational texts. This class refines skills learned in English 1 Gonzaga, using the five-paragraph essay, with an emphasis on clear writing and the use of more complex sentences to extend meaning. Emphasis is placed on the development of the persuasive essay and personal narrative. Students will continue to use the Jane Schaffer Method, with an emphasis on developing weaving skills. Writing strengths are enhanced and writing weaknesses are addressed. World literature study is either thematic or genre-based, presenting the works of authors who influenced literary movements around the world. A portfolio of selected writing assignments is continued for the purpose of showing writing progress and assessing student development. Research and research writing skills utilizing MLA style are developed and manifested in a guidance department-supported career study. This year-long class provides additional support for students, strengthening their English grammar and composition skills. Work will be individualized for each student in order to focus on specific reading, writing, and grammar skills. The goal of this class is to develop good, solid writers and more effective readers who can advance to English 3.

\*\*\* **English 2**

2 semesters                      1 credit

**Prerequisite:** Completion of English 1.

This class refines skills learned in English 1, with an emphasis on clear writing and the use of more complex sentences to extend meaning. Emphasis is placed on the development of the persuasive essay and personal narrative. Students will continue to use the Jane Schaffer Method, with an emphasis on developing weaving skills. Writing strengths are enhanced and writing weaknesses addressed. World literature study is either thematic or genre-based, presenting the works of authors who represent the history and literary movements of Europe, China, Russia, Central America, South America, and Middle East. Research and research writing skills utilizing MLA style are developed and manifested in a guidance department-supported career study.

\*\*\* **English 2 Honors**

2 semesters                      1 credit

**Prerequisite:** Completion of English 1 with an A or completion of English 1 Honors with a B or better. An emphasis on critical analysis and critical thinking shapes students' essays, presentations, and projects in this course. Students continue to use the Schaffer method, mastering weaving, and will be taught to write more complex sentences and to achieve clearer meaning in their written work. Emphasis is placed on the development of the persuasive essay, personal narrative, and academic research. Writing strengths are enhanced, and writing weaknesses addressed. World literature study is either thematic or genre based, presenting the works of authors who influenced the history and literary movements of Europe, China, Russia, Central America, South America, Africa, and Greece. A portfolio of selected writing assignments is continued for the purpose of showing writing progress and assessing student development. Timed writing prompts are given and timed writing practiced in preparation for the SAT exam.

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### **English 3**

2 semesters

1 credit

#### **Prerequisite: Completion of English 2.**

The course is divided into two semesters. During the fall semester, English 3 focuses on an introduction to the foundations and diversity of American culture through a survey of its literature, including minority and women writers. Students will explore various facets of American culture including frontier, regional, rural, and urban life, and will study ethnic, racial, and immigrant experiences as they relate to the American Dream, and examine political and social philosophies related to our unique American cultural identity. Second semester is a study of rhetoric and composition with a focus on expository writing and understanding writing as a process. Advanced thinking strategies are enhanced through analysis of informational text, focusing on elements of diction, style, and rhetorical language. A strong emphasis is placed on expanding and refining writing abilities in order to prepare for the SAT and ACT, which most students take their junior year. This will include timed written essays as well as multi-draft essays. Vocabulary will be practiced through Membean and grammar will be enhanced through Noredink.

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### **English 3 - DE**

2 semesters

1 credit

#### **Dual Enrollment option**

#### **Prerequisite: Completion of English 2 and score of five or better on Accuplacer.**

This course allows students to receive high school credit for English 3 at Notre Dame Preparatory and Dual Enrollment (DE) credit at Scottsdale Community College (SCC). The course is divided into two semesters. During the fall semester, English 3 focuses on American literature and covers the requirements for ENH 111 for DE. During the spring semester, English 3 focuses on composition and covers the requirements for ENG 101 for DE. Throughout the year, both fiction and non-fiction writing will be studied. A strong emphasis is placed on expanding and refining writing abilities in order to prepare for the SAT and ACT, which most students take their junior year. This will include times written essays as well as multi-draft essays. Vocabulary will be practiced through Membean and grammar will be enhanced through Noredink.

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### **AP English (3) - Language and Composition**

2 semesters

1 credit

#### **Prerequisite: Completion of English 2 Honors with a B+ or better or completion of English 2 with an A.**

#### **Required: Completion of or concurrent enrollment in Argumentation and Rhetoric Honors.**

The AP English Language and Composition course is designed to enable students to become critical readers and writers who recognize rhetorical strategies in their analysis of both fiction and non-fiction literature and who utilize rhetorical strategies in their own written work. AP students will increase their awareness of the interactions among a writer's purposes, audience expectations, and subjects as well as the way conventions and styles of language contribute to effective writing, speaking, and listening skills. This course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communications, as well as the personal and reflective writing that fosters the ability to write in a variety of contexts. In addition, this course will teach students to analyze primary and secondary sources, to synthesize materials from these texts in their own compositions, and to cite sources using conventions recommended by the Modern Language Association (MLA). Engaging in varied writing tasks, students will become acquainted with a wide variety of prose styles from many disciplines and historical periods and gain understanding of the connections between writing and interpretive skill in reading. Concurrently, to reflect the increasing importance of graphics and visual images in texts published in print and electronic media, students will analyze how such images both relate to written texts and serve as alternative forms of texts themselves. *Students are required to take the AP exam in May and are responsible for exam fees.*

- \*\*\* **English 4**  
2 semesters 1 credit  
**Prerequisite: Completion of English 3.**  
Students will study various plays, novels, short stories, and poetry following thematic units; students will also study the art of composition through various writing assignments. This course provides an approach to the study of literature that emphasizes individual and group projects, discussion, in-class writing, and enrichment activities designed to engage students in the issues and values of these diverse narratives. Students are encouraged to make connections between literature and the arts, ethics, and their own character development. Further development of writing skills is continued as students complete a variety of formal essay assignments, including personal narrative, profile, textual analysis and criticism, and an MLA-style research project. Writing strengths are enhanced and writing weaknesses addressed.
- \*\*\* **English 4 - DE**  
2 semesters 1 credit  
**Dual Enrollment option**  
**Prerequisite: Completion of English 3 - DE.**  
This class is an introduction to international literature through various forms of literary expression; e.g., poetry, drama, essay, biography, autobiography, short story, and novel. The course provides a global overview of literature with special emphasis on diverse cultural contributions of women, African-Americans, Asian-Americans, Hispanic-Americans, and Native Americans. Also, an emphasis on rhetoric and composition with a focus on persuasive, research-based writing and understanding writing as a process. Students will develop advanced college-level writing strategies through three or more writing projects comprising at least 4,000 words in total.
- \*\*\* **AP English (4) - Literature and Composition**  
2 semesters 1 credit  
**Prerequisite: Completion of English 3 AP with a B or better or completion of English 3 with an A.**  
**Required: Completion of Argumentation and Rhetoric Honors.**  
The AP Literature and Composition course is part of the Advanced Placement Program sponsored by the College Board. In this class, writing instruction enhances the student's ability to develop and organize ideas in clear, coherent, and persuasive language. Emphasis is placed on helping students develop stylistic maturity that is characterized by wide-ranging vocabulary, mastery of literary devices/figures of speech, variety of sentence structures, logical organization, and illustrative detail. Reading is wide and deep and includes works from multiple genres, periods and cultures from the 16<sup>th</sup> to 20<sup>th</sup> century. Close reading includes the experience (subjective), interpretation (analysis), and evaluation (assessment and artistic achievement) of literature. *Students are required to take the AP exam in May and are responsible for exam fees.*
- \*\*\* **Argumentation and Rhetoric Honors**  
1 semester .5 credit  
**Elective.**  
**Open to sophomores, juniors, and seniors.**  
**Prerequisite: Completion of Honors English or Social Studies classes with a B or better and regular level English or Social Studies classes with an A.**  
**Required: Must be taken prior to or concurrent with AP English 3 or any AP History. Required for all Summa Cum Laude students.**  
This class is designed to help students develop the writing and critical reading skills necessary to be successful in both AP English and History classes and on AP exams. Students will learn how to make sense of a difficult text, analyze arguments, and gather evidence to defend their arguments. They will write critical and expository essays, displaying effective control of language. Students will close read and analyze passages—fiction, nonfiction, poetry, and prose. They will practice writing well-focused essays with references to the text, practicing the steps of the writing process. Students will learn rhetorical forms in text, such as example, definition, comparison-contrast, classification, process analysis, description, narrative, cause-and-effect, and assertion/justification. Historical argumentation, along with the appropriate use of relevant historical evidence, chronological reasoning, comparison and contextualization, and historical interpretation and synthesis will be addressed.

- \*\*\* **Focus: Seminar Honors**  
 1 semester .5 credit  
**Elective.**  
**Open to juniors.**  
**Prerequisite: Completion of Honors English or Social Studies classes with a B or better and regular level English or Social Studies classes with an A.**  
**Required: For all Summa Cum Laude students.**  
 By analyzing multiple perspectives of real world topics and issues, students will engage in dynamic and interactive research-based conversations. Students will learn, develop, and utilize their oral communication, research, writing, and presentation skills in a cross-curricular framework. Students' exploration of complex issues and topics through an academic lens, using the Catholic faith as a guide, will include analyzing different perspectives, evaluating positions and information, crafting compelling arguments, and presenting evidence-based arguments for their positions. Students will read and analyze high-level academic journals and texts, primary source materials, and works of art. Work will be done individually and in a group, fostering a unique blend of independent thinking and teamwork.
- \*\*\* **Focus: Research/Academic Writing Honors**  
 1 semester .5 credit  
**Elective.**  
**Open to seniors.**  
**Prerequisite: Completion of Focus: Seminar Honors with a B or better.**  
**Required: One Focus: Research class is required for all Summa Cum Laude students.**  
 Focus Research: Academic Writing is a culminating assessment for seniors who exhibit what they have learned through intensive research. This class will demonstrate the students' abilities to research, write, interview, work with a mentor, and present their findings and learning to an audience. Students will work on a research topic of their choice, which is approved by the teacher.
- \*\*\* **Focus: Research/Journalistic Writing Honors**  
 1 semester .5 credit  
**Elective.**  
**Open to juniors and seniors.**  
**Prerequisite: Completion of Focus: Seminar Honors with a B or better.**  
**Required: One Focus: Research class is required for all Summa Cum Laude students.**  
**Can be repeated for elective credit.**  
 Focus Research: Journalistic Writing is a culminating assessment for seniors who synthesize what they have learned through intensive research and reporting. This class is designed to demonstrate the student's ability to research, write, interview, and present their findings and learning to an audience through the publication of their work on *The Seraphim Online*, the school's student newspaper. Students will write news, feature, opinion, and sports articles and research a topic of their choice, which is approved by the teacher, for an in-depth project.
- \*\*\* **Focus: Research/Visual Arts and Humanities Honors**  
 1 semester .5 credit  
**Elective.**  
**Open to seniors.**  
**Prerequisite: Completion of Focus: Seminar Honors with a B or better.**  
**Required: One Focus: Research class is required for all Summa Cum Laude students.**  
 Focus Research: Art Writing is a culminating assessment for seniors who exhibit what they have learned through intensive research. This class will demonstrate the students' abilities to research, write, interview, work with a mentor, and present their findings and learning to an audience. Students will work on a research topic of their choice, write the paper and under the mentorship of an artist, create an original work of art that expresses the research.



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### **Speech and Debate**

1 semester .5 credit

**Elective.**

**Required: Students must be willing and able to compete in at least two speech and debate tournaments in the Phoenix area and will travel to tournaments as a class.**

**Can be repeated for credit.**

Speech and Debate curriculum has been designed with the specific goal of enhancing the student's communication and debate skills. The course begins with an overview of the contexts and elements of communication and quickly progresses to the preparation and delivery of speeches. A variety of speeches will be reviewed and practiced, including oratory; expository, extemporaneous, and impromptu speaking; dramatic interpretation; oral interpretation (prose, poetry, and humorous); duo acting; and duo interpretation. In addition, the second quarter of the class focuses on debate techniques and mastery. In the debate portion of the class, students will be introduced to the formal rudiments of debate – analytical thinking, persuasive writing, and public speaking. Throughout the quarter, students will present prepared and extemporaneous persuasive speeches and participate in various forms of debate (Lincoln-Douglas, Public Forum, and Congressional). Units in philosophy, political theory, and current events will help students become more effective debaters. Students are provided with the opportunity to compete in local speech and debate contests through the Arizona Interscholastic Association.

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### **Newspaper 1**

1 semester .5 credit

**Elective.**

Prerequisite: B or better in current English class

This is an introductory course in writing and editing for the digital school newspaper, *The Seraphim*, [www.ndpnews.org](http://www.ndpnews.org). It includes interviewing and fact-gathering, writing news, features and sports, and studying journalism law and ethics. It also includes a brief survey of the history of journalism. You will maintain a working portfolio for which you will write, take photographs, and create infographics.

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### **Photojournalism**

1 semester .5 credit

**Open to sophomores, juniors, and seniors.**

**Required: DSLR or point-and-shoot camera.**

**Can be repeated for credit.**

This is a multi-level, continuation course that may be taken for up to four semesters. The course begins by reviewing the foundation of skills in shooting photos, synthesizing composition, and creating captions for feature stories. Students taking this course gain experience photographing people and events in and around NDP for use on the website, in the newsletters and the student-created newspaper, *The Seraphim*. Students taking this class are expected to hand in photos that may accompany story headlines or articles. They might also take still photos for feature stories and develop their own captions. Students are required to spend a large amount of time with a story in order to accurately photograph what's happening and get enough photos to illustrate a story without words. Students will explore and capture the elements of various situations and use the images to convey meaning. They are also required to find the best way to lay out the photos to further illustrate the story. Students will review how to edit their pictures and prepare the photos for print or Web publication.

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### **Great Books**

1 semester .5 credit

**Elective.**

This class will explore classic and modern literature through discussion, research, and analysis. Participants will read assigned and self-selected texts based on a particular time period or topic and explore the meaning behind the book and its impact on society and popular culture. The aim of this class is to come away with a stronger knowledge base and enjoyment for well-known works and their importance to the literary world. This class is for those students who enjoy reading and discussing what they have read and how it has impacted society.

\*\*\* **Creative Writing**  
1 semester .5 credit

**Elective.**

This course offers both exposure to and practice in writing skills specific to fiction and poetry. Students will produce stories and poems that have been revised as much as time will allow, and each piece is subjected to a formal critiquing process called work-shopping. Students will also participate in discussions of the writer's craft based on group and independent reading assignments. Students will gain confidence in their own unique perspectives as well as develop skills that lead to mastering the power of language. The course will emphasize the diverse work of contemporary American writers because good writers are good readers first.

\*\*\* **Literary Magazine**  
1 semester .5 credit

**Elective.**

Students in this class will ultimately publish the annual award-winning Notre Dame Preparatory literary magazine called *Perspective*. The class will consist of creative writing, reflective writing, visual analysis, and critical analysis of work created and submitted by peers both in this class and from the student body at large. Each student will be encouraged to develop his/her own individual strengths and talents and to express these unique gifts in their contribution to the overall vision of the magazine. In addition, students will be expected to develop practical editing skills, awareness of professional formatting, contemporary artistic design principles, and use of Adobe InDesign for layout and publishing.

\*\*\* **Sports in Literature**  
1 semester .5 credit

**Elective.**

This course focuses on how sport functions as its own literature, complete with its distinct language, characters, conflicts, themes, symbols, setting, and, of course, points of view. This course will study the role of sports in our society – the competition, the struggle, success and disappointment through close reading and examination of modern and classic sports writing from a variety of genres (fiction, poetry, nonfiction, and essays along with television and movie clips that tie into the units). Students may engage in focused study of a sport or genre and practice literary analysis and original expository writing on sports-related subject matter. Students will read non-fiction and fiction as a class, in literature circles, and independently. This course will also examine how sports can be an agent for social change, for breaking social barriers, and for teaching tolerance. Through discussion, projects, and writing, students will grow more aware of the relationship between athletics and contemporary society and come to recognize sports as a metaphor for the human condition.

## *Mathematics*

### \*\*\* **Algebra 1 – Gonzaga Program**

1 semesters                      1 credit

**Placement determined by admissions portfolio. Concurrent enrollment in Gonzaga 9.**

The topics will include algebraic expressions, solving linear equations in one and two variables, operations on polynomials, factoring polynomials, function notation, solving rational equations, graphing and interpreting one- and two-variable equations and functions, solving quadratic equations, simplifying radical expressions, and extended problem solving. Conceptual reasoning and problem solving skills are emphasized.

### \*\*\* **Algebra 1**

2 semesters                      1 credit

**Placement determined by admissions portfolio.**

This is a college preparatory class. The topics will include algebraic expressions, solving linear equations in one- and two variables, operations on polynomials, factoring polynomials, function notation, solving rational equations, graphing and interpreting one and two-variable equations and functions, solving quadratic equations, simplifying radical expressions, and extended problem solving. Conceptual reasoning and problem solving skills are emphasized.

### \*\*\* **Algebra 1 Honors**

2 semesters                      1 credit

**Placement determined by admissions portfolio.**

This is an accelerated college preparatory class that goes into greater depth in the following topics. The topics will include algebraic expressions, solving linear equations in one and two variables, operations on polynomials, factoring polynomials, function notation, solving rational equations, graphing and interpreting one- and two-variable equations and functions, solving quadratic equations, simplifying radical expressions, and extended problem solving. Conceptual reasoning and problem solving skills are emphasized.

### \*\*\* **Geometry – Gonzaga Program**

2 semesters                      1 credit

**Prerequisite: Completion of Algebra 1 - Gonzaga. Concurrent enrollment in Gonzaga 10.**

The major studies include deductive reasoning and proofs, properties of angles, properties of parallel lines and perpendicular lines, properties of triangles, congruent and similar triangles, properties of special quadrilaterals, similarity, right triangles and basic trigonometry, circles, areas of polygons and circles, and surface area and volume, and coordinate geometry. Conceptual reasoning, problem solving skills, and algebra skills are emphasized.

### \*\*\* **Geometry**

2 semesters                      1 credit

**Prerequisite: Completion of Algebra 1.**

This course is a college preparatory formal study of Euclidean geometry. Students will be exposed to geometry as a logical mathematical system. The curriculum aims to develop logical reasoning, to prepare for the college entrance exams, and to affirm continuity of mathematical logic. The major studies include deductive reasoning and proofs, properties of angles, properties of parallel lines and perpendicular lines, properties of triangles, congruent and similar triangles, properties of special quadrilaterals, similarity, right triangles and basic trigonometry, circles, areas of polygons and circles, and surface area and volume, and coordinate geometry. Conceptual reasoning and problem solving skills are emphasized.

- \*\*\* **Geometry Honors**  
 2 semesters 1 credit  
**Incoming freshmen by admissions portfolio.**  
**Prerequisite: Completion of Algebra 1 with an A or Algebra 1 Honors with a B or better.**  
 This course stresses strong logical reasoning and deductive analysis. In a manner consistent with the analytical process, it covers properties of angles, parallel and perpendicular lines, triangles (congruent and similar), special quadrilaterals, similarity, right triangles and basic trigonometry, circles, areas of polygons and circles, surface area volume, and coordinate geometry. It fosters rigorous analysis of concepts and proofs. Conceptual reasoning and problem solving skills are emphasized.
- \*\*\* **Algebra 2**  
 2 semesters 1 credit  
**Prerequisite: Completion of Geometry.**  
 The course will include a comprehensive and in-depth study of linear equations and functions, operations on polynomials, rational expressions, irrational and complex numbers, quadratic equations and functions, analytic geometry, exponential and logarithmic functions, sequences and series, conics, and probability and statistics. The course will also include the study of mathematical concepts used to prepare students for the math portion of college entrance examinations. Conceptual reasoning and problem solving skills are emphasized.
- \*\*\* **Algebra 2 Honors**  
 2 semesters 1 credit  
**Prerequisite: Completion of Geometry and Algebra 1 with an A or Geometry Honors and Algebra 1 Honors with a B or better.**  
 This course begins an intensive analysis of equations, inequalities, and mathematical modeling. A thorough perusal of the various functions and their graphs is considered. Trigonometry, descriptive and analytic, is covered extensively. Finally, consideration is given to systems of equations/inequities along with matrices, sequences, and series. Conceptual reasoning and problem solving skills are emphasized.
- \*\*\* **College Algebra**  
 2 semesters 1 credit  
**Prerequisite: Completion of Algebra 2.**  
 This terminal math course is designed for those students who need a strong foundation in concepts of relation and function prior to taking Algebra in college. The course will include topics such as the general concepts of relations and functions and specifically of polynomial, exponential, logarithmic, and trigonometric functions; the ability to solve systems of equations by utilizing matrices and determinants; and the ability to solve practical problems using algebra. Conceptual reasoning and problem solving skills are emphasized.
- \*\*\* **Pre-Calculus**  
 2 semesters 1 credit  
**Prerequisite: Completion of Algebra 2.**  
 This course prepares students to study calculus. It explores topics in algebra, trigonometry, analytic geometry, and an introduction to calculus. This course summarizes what the student needs to know in mathematics prior to taking calculus in college. Conceptual reasoning and problem solving skills are emphasized.
- \*\*\* **Pre-Calculus Honors**  
 2 semesters 1 credit  
**Dual Enrollment option**  
**Prerequisite: Completion of Algebra 2 Honors with a B or better AND pass the Accuplacer test.**  
 This accelerated course is designed to prepare students for the rigors of AP Calculus. Topics of study include graphic and algebraic applications of polynomial, exponential, logarithmic, and trigonometric functions, analytic trigonometry, analytic geometry, linear systems and matrices, limits, and a brief introduction to differential calculus. Conceptual reasoning and problem solving skills are emphasized.

- \*\*\* **Probability and Statistics**  
2 semesters 1 credit  
**Prerequisite: Completion or concurrent enrollment in Pre-Calculus OR a senior that completed Algebra 2.**  
Students will work with probability, data collection, descriptive and inferential statistics, probability, and technological tools to analyze statistics. The main foci of the course will be exploring data, planning a study, producing models using probability theory, and making statistical inferences. Students will work with statistical measures of centrality and spread, methods of data collection, methods of determining probability, binomial and normal distributions, hypothesis testing, and confidence intervals. Students will use multiple representations to present data including written descriptions, numerical statistics, formulas, and graphs. Conceptual reasoning and problem solving skills are emphasized.
- \*\*\* **Calculus Honors**  
2 semesters 1 credit  
**Prerequisite: Completion of Pre-Calculus with an A or Pre-Calculus Honors with a B or better.**  
This accelerated course is designed to introduce students to the fundamental principles of differential calculus, while providing algebraic review. Topics covered include limits, continuity, differentiation of polynomial, exponential, logarithmic, and trigonometric functions, maxima-minima related-rate applications, and various integration techniques. This course is not intended as preparation for the Advanced Placement Calculus exam; however, students will be thoroughly prepared for a beginning college calculus course. Conceptual reasoning and problem solving skills are emphasized.
- \*\*\* **AP Calculus (AB)**  
2 semesters 1 credit  
**Prerequisite: Completion of Pre-Calculus Honors with a B+ or better.**  
The AP Calculus course is part of the Advanced Placement Program sponsored by the College Board. This course is a rigorous analysis of Calculus AB in line with the AP requirements. Combining a theoretical and application approach, this course discusses differentiation and integration with special emphasis on mathematical modeling. The fundamental concept of limits and its importance in the analysis of quantifiable phenomena are prominent features of this course. Conceptual reasoning and problem solving skills are emphasized. *Students are required to take the AP exam in May and are responsible for exam fees.*
- \*\*\* **AP Calculus (BC)**  
2 semesters 1 credit  
**Prerequisite: Completion of AP Calculus (AB) with a B or better, or Pre-Calculus Honors with an A AND department recommendation.**  
AP Calculus BC begins with a brief review of functions, limits, continuity, an extension of derivatives and their applications, and continues with integration. Topics include the calculus of polynomial, rational, exponential, trigonometric, polar, and parametric functions; the calculus of vectors; infinite series; and an introduction to differential equations. Graphing calculators are used extensively in this course. Conceptual reasoning and problem solving skills are emphasized. *Students are required to take the AP exam in May and are responsible for exam fees.*
- \*\*\* **Calculus III Honors**  
2 semesters 1 credit  
**Prerequisite: Completion of AP Calculus (BC).**  
This course offers students the opportunity to apply material learned in Calculus AB and BC to problems in three-dimensional space. Most concepts involved in Calculus AB/BC involve functions in one variable. Calculus III allows the student to consider problems taken off a two-dimensional plane and place into our three-dimensional world. This class completes the Calculus strand for students who are interested in the mathematical and science fields at the university level. Conceptual reasoning and problem solving skills are emphasized.

## *Physical Education/Health*

### \*\*\* **Personal Fitness (PE) – discontinued Fall 2018**

1 semester .5 credit

**Required course: Open to freshmen only.**

**Prerequisite: Completion of physical prior to beginning of class.**

The purpose of this course is to provide students with opportunities to promote and increase lifetime physical fitness. This will be achieved through participation in many activities, including individual, dual, and team sports with other forms of cardiovascular activities. The course grade is based upon a student's participation.

### \*\*\* **Personal Health and Wellness**

2 semesters 1 credit

**Required course: Open to freshmen only.**

**Prerequisite: Completion of physical prior to beginning of class.**

The purpose of this course is to provide students with opportunities to promote and increase lifetime physical fitness. This will be achieved through participation in many activities, including individual, dual, and team sports with other forms of cardiovascular activities. This course also provides students with the opportunity to develop and enhance critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living. Topics include positive emotional development, interpersonal relationships and communication skills, functions of the body, nutrition and weight management, substance abuse, CPR, and first aid. Study skills will be incorporated into this class throughout the year.

### \*\*\* **Adaptive Physical Education**

1 semester .5 credit

**Admitted per instructor approval only. Pre-class meeting with parents, student, counselor, and teacher. Meets PE requirement.**

**Prerequisite: Completion of physical prior to beginning of class.**

**Offered in academic years beginning with an even number.**

This program provides a unique opportunity to enhance the quality of life for the student with disabilities through physical, emotional, social, and intellectual growth. A comprehensive program design to meet the individual needs, abilities, and developmental stages through participation in lifetime, recreational and fitness activities accomplish this. This will include team and individual sports as well as different fitness workouts. A self-actualization value orientation curriculum is implemented to focus on the individual learner's growth in self-direction and development of self-management abilities.

### \*\*\* **Sports Medicine 1 – Fall Semester**

1 semester .5 credit

**Prerequisites: Completion of Health and Biology.**

Students will learn about the sports medicine team and the role it plays when returning an injured athlete to participation. Students will gain core knowledge in anatomy, kinesiology, and physiology of the human body and will be taught in a practical setting how to evaluate, diagnose, and treat common athletic injuries. The purpose of this course is to introduce students to effective sports medicine practices. In addition, students will be taught taping/wrapping, rehabilitation, simple first aid and CPR. Finally, students will gain clinical experience in the Athletic Training Room and at Rehab Plus Physical Therapy.

### \*\*\* **Sports Medicine 2 – Spring Semester 1**

semester .5 credit

**Prerequisites: Completion of Sports Medicine 1.**

This course is a continuation of Sports Medicine 1. Students will go into greater depth of injury evaluation and treatment for sports injuries. They will learn special tests to rule out serious neurological, musculoskeletal, and general medical disorders. Students will gain clinical experience in the Athletic Training Room and at Rehab Plus Physical Therapy.

- \*\*\* **Team Sports - A**  
 1 semester .5 credit  
**Open to sophomores only.**  
**Prerequisite: Completion of PE and physical prior to beginning of class.**  
**Can be repeated for credit.**  
 This class is designed for students who would like to continue to participate in a physical education course that emphasizes team sports play. Activities include basketball, volleyball, football, pickle ball, badminton, among other sports. The course grade is based upon a student's participation.
- \*\*\* **Team Sports - B**  
 1 semester .5 credit  
**Open to juniors and seniors only.**  
**Prerequisite: Completion of PE and physical prior to beginning of class.**  
**Can be repeated for credit.**  
 This class is designed for students who would like to continue to participate in a physical education course that emphasizes team sports play. Activities include basketball, volleyball, football, pickle ball, badminton, among other sports. The course grade is based upon a student's participation.
- \*\*\* **Weight Training - A**  
 1 semester .5 credit  
**Open to sophomores only.**  
**Required: Discuss with your counselor if you are in a current sports season or if sport requirement.**  
**Prerequisite: Completion of PE and physical prior to beginning of class.**  
**Can be repeated for credit.**  
 Weight training and conditioning is for the student desiring an intensified and structured weight training program with an emphasis on various exercises that accentuate strength, power, and flexibility. The course grade is based upon a student's participation.
- \*\*\* **Weight Training - B**  
 1 semester .5 credit  
**Open to juniors and seniors only.**  
**Required: Discuss with your counselor if you are in a current sports season or if sport requirement.**  
**Prerequisite: Completion of PE and physical prior to beginning of class.**  
**Can be repeated for credit.**  
 Weight training and conditioning is for the student desiring an intensified and structured weight training program with an emphasis on various exercises that accentuate strength, power, and flexibility. The course grade is based upon a student's participation.
- \*\*\* **Stretching & Pilates**  
 1 semester .5 credit  
**Can be repeated for credit.**  
**Prerequisite: Completion of PE and physical prior to beginning of class.**  
 This class is designed to provide students with different types of movement activity and to gain an understanding and appreciation for the different forms of stretching. It is a blend of Pilates, sports-related stretching, yoga stretch, and athleticism. The different dynamics of the movement performed in this class will increase the knowledge in areas of focus, strength, balance, flexibility, agility, and reflection. The Stretching and Pilates course offers strategies that will help the student to be aware of the kinesthetic concepts to help enhance performance ability and reduce the risk of injury. In addition to the different types of stretches, the class is designed to provide lecture about the human body, how to apply anatomical and biochemical principles, as well as understanding the function of the muscular system. The student will participate in various physical activities and learn fitness habits that promote a healthy lifestyle. No prior experience is necessary in either. The course grade is based upon a student's participation.

\*\*\* **Advanced Physical Education - Baseball**

1 semester .5 credit

**Can be repeated for credit.**

**Spring H period only.**

**Pass/Fail.**

**Prerequisite: Completion of PE and permission of instructor/coach.**

This course is recommended but not required for varsity athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

\*\*\* **Advanced Physical Education –Basketball**

1 semester .5 credit

**Can be repeated for credit. Fall**

**and Spring H period only.**

**Pass/Fail.**

**Prerequisite: Completion of PE and permission of instructor/coach.**

This course is recommended but not required for varsity athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

\*\*\* **Advanced Physical Education - Football**

1 semester .5 credit

**Can be repeated for credit.**

**Fall H period only.**

**Pass/Fail.**

**Prerequisite: Completion of PE and permission of instructor/coach.**

This course is recommended but not required for varsity athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

\*\*\* **Advanced Physical Education – Girls Volleyball**

1 semester .5 credit

**Can be repeated for credit.**

**Fall H period only.**

**Pass/Fail.**

**Prerequisite: Completion of PE and permission of instructor/coach.**

This course is recommended but not required for varsity athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

\*\*\* **Advanced Physical Education – Boys Volleyball**

1 semester .5 credit

**Can be repeated for credit.**

**Spring H period only.**

**Pass/Fail.**

**Prerequisite: Completion of PE and permission of instructor/coach.**

This course is recommended but not required for varsity athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.



\*\*\* **Advanced Physical Education – Golf**

1 semester .5 credit

**Can be repeated for credit.**

**Fall H period only.**

**Pass/Fail.**

**Prerequisite: Completion of PE and permission of instructor/coach.**

This course is recommended but not required for varsity athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

\*\*\* **Advanced Physical Education – Tennis**

1 semester .5 credit

**Can be repeated for credit.**

**Spring H period only.**

**Pass/Fail.**

**Prerequisite: Completion of PE and permission of instructor/coach.**

This course is recommended but not required for varsity athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

\*\*\* **Advanced Physical Education – Girls Soccer**

1 semester .5 credit

**Can be repeated for credit. Fall**

**and Spring H period only.**

**Pass/Fail.**

**Prerequisite: Completion of PE and permission of instructor/coach.**

This course is recommended but not required for varsity athletes participating on an official school team. Students enrolled in the course receive PE credit. Enrollment will be opened if a student makes a school team after the official registration date.

## Science

### \*\*\* Foundations of Applied Physics

1 semesters                      1 credit

**Placement determined by admissions portfolio. Open to freshmen and sophomores only.**

An active approach to engineering design is the core of this course. Students will use algebraic physics concepts and apply the information to synthesize solutions, create models and solve real-world problems through the design project. Course content includes: forensics, motion, energy, electricity, magnetism, and waves. Students will complete a design project that includes inquiry and analysis of a design opportunity, conceptual design development, refinement, testing, and evaluation.

### \*\*\* Biology

2 semesters                      1 credit

**Prerequisite: Completion of Foundations of Applied Physics or admissions portfolio.**

The course covers the general spectrum of biology. It includes laboratory procedures and investigations. Students will be expected to complete one or more projects. Lab skills will be stressed.

### \*\*\* Biology Honors

2 semesters                      1 credit

**Prerequisite: Completion of Physical Science with an A or admissions portfolio.**

In-depth studies of the standard spectrum of biology are explored and lab skills are stressed. This course is designed for academically motivated students. Individual and/or group projects are required. Students are expected to do extra readings, projects, or term papers.

### \*\*\* College Biology - DE

2 semesters                      1 credit

**Dual Enrollment option - BIO 100**

**Prerequisite: Completion of Biology and Chemistry.**

College level introductory course covering principles and concepts of biology. Methods of scientific inquiry and behavior of matter and energy in biological systems are explored. In-depth studies of the standard spectrum of biology are explored and lab skills are stressed.

### \*\*\* AP Biology

2 semesters                      1 credit

**Prerequisite: Completion of Biology Honors and Chemistry Honors with a B+ or better or completion of Biology and Chemistry with an A.**

The AP Biology course is part of the Advanced Placement Program sponsored by the College Board. This is a full-year course for students who wish to pursue a college level biology course in high school. The course follows the AP Biology program. The lab work includes descriptive and experimental exercises that will encourage students to develop important science skills and higher order thinking which are most often found in general college biology courses. *Students are required to take the AP exam in May and are responsible for exam fees.*

### \*\*\* Chemistry

2 semesters                      1 credit

**Prerequisite: Completion of Biology.**

Chemistry is a course based on regular laboratory investigations of matter, chemical reactions, and the role of energy in those reactions. Students enrolled in Chemistry compare, contrast, and synthesize useful models of the structure and properties of matter and the mechanisms of its interactions. In addition, students enrolled in this course are expected to (1) gain an understanding of the history of chemistry, (2) explore the uses of chemistry in various careers, (3) investigate chemical questions and problems related to personal needs and societal issues, and (4) learn and practice laboratory safety. This course also includes mathematical problem solving. Students will be required to keep a lab notebook and will be required to do several projects and a research paper as part of the class.

\*\*\* **Chemistry Honors**

2 semesters 1 credit

**Prerequisite: Completion of Biology Honors with a B or better or Biology with an A AND a B or better in Geometry Honors or an A in Geometry and completion or concurrent enrollment in Algebra 2.**

The course is structured and designed for students with strong interests in math and science. It uses experiments to introduce the principles of chemistry. The course content includes the study of atomic structure, chemical bonding, reactions, mass relationships in reactions, gasses, liquids, solids, solutions, acids and bases, kinetics and equilibrium, oxidation and reduction, organic and nuclear chemistry. Laboratory experiments will be used to reinforce topics studied from the text. Students will be expected to keep a lab notebook and to produce projects and research papers.

\*\*\* **AP Chemistry**

2 semesters 1 credit

**Prerequisite: Completion of Chemistry Honors with a B+ or better or Chemistry with an A AND completion or concurrent enrollment in Algebra 2.**

The AP Chemistry course is part of the Advanced Placement Program sponsored by the College Board. AP Chemistry is a full-year course for students who wish to pursue a college-level chemistry course in high school. This course follows the AP Chemistry program. The lab work includes exercises in both quantitative analysis as well as those exercises typically found in a general college chemistry course. *Students are required to take the AP exam in May and are responsible for exam fees.*

\*\*\* **Physics**

2 semesters 1 credit

**Prerequisite: Completion of Chemistry.**

This course focuses on the physical nature of our world. This course requires some basic algebra and basic trigonometry (taught and/or reviewed in class as needed) to work out numerical problems applying the concepts learned. The course is designed as an introduction to physics for the college-bound student who plans a career in the health-care field or in technology. The class involves frequent labs with appropriate lab reports. Topics include motion, force, work, energy, waves, and electricity.

\*\*\* **AP Physics 1**

2 semesters 1 credit

**Prerequisite: B or better in all Honors science and math courses through PreCalculus Honors OR an A in all science and math courses through PreCalculus.**

AP Physics 1 is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It also introduces electric circuits. *Students are required to take the AP exam in May and are responsible for exam fees.*

\*\*\* **AP Physics 2**

2 semesters 1 credit

**Prerequisite: Completion of AP Physics 1 with a B or better and be concurrently enrolled in a Calculus-level course.**

AP Physics 2 is equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. *Students are required to take the AP exam in May and are responsible for exam fees.*

\*\*\* **Anatomy and Physiology**

2 semesters 1 credit

**Prerequisite: Completion of Biology and Chemistry.**

This course presents a study of human anatomy. The nine systems of the body will be studied, focusing upon the themes of homeostasis, the inter-relationship of body systems, and the balance of structure and function. Throughout the course, students will exercise their analytical and problem-solving skills. Class format is lecture accompanied by required laboratory dissection.

- \*\*\* **Anatomy and Physiology Honors**  
2 semesters 1 credit  
**Prerequisite: Completion of Biology and Chemistry with an A or Biology Honors and Chemistry Honors with a B or better.**  
This course is for students interested in a science or health-related career. A detailed study of the structures and functions of the human body from the cellular level through the systems level will be included. Major components of this class are dissection lab work and writing in-depth lab reports.
- \*\*\* **College Anatomy and Physiology - DE**  
2 semesters 1 credit  
**Dual Enrollment option - BIO 160**  
**Prerequisite: Completion of Biology and Chemistry.**  
This course presents a study of human anatomy. Principles of scientific method, structural organization, homeostasis and control mechanisms of the body, and specific chemistry concepts are all included. The nine systems of the body will be studied, along with the inter-relationship of body systems and the balance of structure and function.
- \*\*\* **Astronomy**  
2 semesters 1 credit  
**Prerequisite: Completion of Biology.**  
This inquiry-based science class will focus on the fundamental study of the universe. Students will investigate the foundation and tools of astronomy. The composition and peculiarities of the planets and our moon will be examined. The students will investigate stars and the dynamics of the solar system. The creation of the universe including different theories will be explored. Students will investigate these phenomena and others through a sequence of lab activities where they will make observations, analyze data, and complete research in order to develop an understand of how these forces affect the Earth.
- \*\*\* **Introduction to Engineering and Design**  
2 semesters 1 credit  
**Dual Enrollment through University of Arizona**  
**Prerequisite: Completion of Biology, Chemistry, and one Physical Science course or concurrently enrolled in a Physics course and completion of or concurrent enrollment in Pre-Calculus.**  
This course focuses on the processes of applying scientific, technological, engineering, and mathematical principles (STEM) in the design, production, and operation of products, structures, and systems. This is a hands-on course designed to provide students interested in engineering careers to explore experiences related to specialized fields, such as software, civil, mechanical, and materials engineering. Students will engage in research, development, planning, design, production, and project management to simulate a career in engineering. The topics of ethics and the impacts of engineering decisions are addressed. Classroom activities are organized to allow students to work in teams and use modern technological processes, computers, CAD software, and production systems in developing and presenting solutions to engineering problems.
- \*\*\* **AP Environmental Science**  
2 semesters 1 credit  
**Prerequisite: Open to juniors and seniors who have completed Biology and Chemistry with an A or better in each or Honors Biology and Honors Chemistry with a B+ or better and teacher recommendation** Students will use scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. As Environmental Science is interdisciplinary, a wide variety of topics from different areas of study will be examined, including earth systems, the living world, ecology, natural resources, energy resources, natural resource consumption, and pollution. Oral and written reports and laboratory experiments are incorporated into this course. *Students are required to take the AP exam in May and are responsible for exam fees.*

## *Social Studies*

### \*\*\* **World Geography**

2 semesters                      1 credit

**Placement determined by admissions portfolio.**

**Prerequisite: Open to freshmen (other grades by permission only).**

This course focuses on the five themes of geography (location, place, interaction between people and their environment, movement, and region) and their influences on the historical development of religion, philosophy, technology, and the arts throughout the world. Along with learning about the importance of geography and its effects on human behavior, this course provides a broad-based overview of the development of eastern and western cultures. This course will be intermixed with current events throughout the year, allowing the students to make a modern-day connection to the countries of the world.

### \*\*\* **World Geography Honors**

2 semesters                      1 credit

**Placement determined by admissions portfolio.**

This is a one-year world geography course for students who would like to prepare for AP level work. In addition to covering the major aspects of world geography, the course takes students to higher levels of research and study. The course goes beyond merely memorizing places and focuses upon understanding and explaining some of the political, historical, economic, and cultural relationships that bind people together. There is the inclusion of more detail in all areas, including population, migration, language, development, agriculture and industry, urban patterns, and resource problems. Socratic seminars, current events, oral presentations, and debates are additional forms of assessment in this course. The student must have excellent reading, writing, and speaking skills.

### \*\*\* **World History**

2 semesters                      1 credit

**Prerequisite: Completion of World Geography.**

This course is a broad survey of world history from pre-historic times to the 20<sup>th</sup> century. Special emphasis is given to those areas of the world which now command great attention, namely Europe, the Middle East, and the former Soviet Union. The role of Catholicism throughout history is emphasized. The historical development of religion, philosophy, technology, and the arts are also studied.

### \*\*\* **World History Honors**

2 semesters                      1 credit

**Prerequisite: Completion of World Geography Honors with a B or better or World Geography with an A.**

The purpose of this course is to provide students with a comprehensive understanding of the past in terms of what has been interpreted about the development of humanity. This is achieved by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this are an understanding of the historical method, the inquiry process, historical reasoning and interpretation, and the issues of external and internal validity. Appropriate concepts and skills will be developed in connection with the following content: geo-historic development in time/space, comparative views of history, the origin and development of contrasting civilizations, the analysis of cultural universals, the role of religion in historical change, the varieties of contrasting political theories and philosophies, the role of science and technology as a social catalyst, nationalism as a cohesive force in history, the diversity of economic thought and practices in the world, an analysis of the influence of major figures and events, and interpretations concerning the historical development of our present world order. In addition to the textbook, supplementary readings are required.

- \*\*\* **AP World History**  
 2 semesters                      1 credit  
**Open to sophomores only.**  
**Prerequisite: Completion of World Geography Honors with a B+ or better and completion of or concurrent enrollment in Argumentation and Rhetoric Honors.**  
 AP World History is a course designed for highly motivated students of World History. In AP World History, students will develop a greater understanding of the evolution of global processes and contacts, including interactions over time. The course highlights the nature of changes in international frameworks and their causes and consequences as well as comparisons among major societies. Students develop habits of mind that help refine their analytical abilities and critical thinking skills in order to understand historical and geographical context, make comparisons across cultures, use documents and other primary sources, and recognize and discuss different interpretations and historical frameworks. One goal for the course is to provide an engaging and rigorous curriculum that motivates students. The long-term objective is for students to demonstrate an understanding of how the big picture of world history assists in understanding the complexities of today's global arena. The course imposes a heavy reading and writing load throughout the year, and the demands on students are equivalent to a full-year introductory college course. *Students are required to take the AP exam in May and are responsible for exam fees.*
- \*\*\* **U.S. History**  
 2 semesters                      1 credit  
**Prerequisite: Completion of World Geography and World History.**  
 This course studies the academic concepts of American History. It will cover exploration and colonization of America, the American Revolution and the Confederation period, Jeffersonian Democracy, the Jacksonian Era, western expansion, the growth of slavery, Civil War and Reconstruction, industrialization, the New Deal, the Cold War, and into the modern era. Supplementary readings are required for this course. Students will engage in daily conversation regarding the material.
- \*\*\* **AP U.S. History**  
 2 semesters                      1 credit  
**Prerequisite: Completion of World History Honors with a B+ or better or AP World History with a B or better and completion of or concurrent enrollment in Argumentation and Rhetoric Honors.**  
 The AP U.S. History course is part of the Advanced Placement Program sponsored by the College Board. This is a college-level. This course requires a great deal more reading than the regular American History, with an emphasis on critical reading and problem-solving through the use of stimulus-based questioning. Supplemental texts are used in addition to summer reading assignments. Essay writing and research with a focus on analysis and synthesis of information will be the primary learning style for this course. *Students are required to take the AP exam in May and are responsible for exam fees.*
- \*\*\* **Economics**  
 1 semester                      .5 credits  
**Prerequisite: Completion of U.S. History.**  
 Economics will examine the way in which economics affects the lives of individuals. The class will also examine how individuals through their economic choices shape the world. The study of economics includes learning about scarcity and choice, opportunity cost and trade-offs, productivity, supply and demand, economic systems, the roles of government, monetary policy and fiscal policy as well as other recurrent themes, such as the economy and global issues. A unit on personal finance is also included.

\*\*\* **Ethics, Economy, and Entrepreneurship – Dual Enrollment**

1 semester .5 credit

**Dual Enrollment through University of Arizona**

**Meets AZ state graduation requirements.**

**Prerequisite: Completion of U.S. History with a B or better.**

The goal of this class is to enable students to make reasoned judgments about both personal economic questions and broader questions of economic policy. Students will develop an economic way of thinking and problem solving, to understand and apply basic economic principles to decisions they will make as consumers, members of the workforce, citizens, voters, and participants in a global marketplace. Students will learn to weigh both short-term and long-term effects of decisions as well as possible unintended consequences. Students will analyze current issues and public policies and understand the complex relationships among economic, political, and cultural systems. All of the above will be examined through basic economics, microeconomics, macroeconomics, and basic personal finance.

\*\*\* **United States Government**

1 semester .5 credit

**Prerequisite: Completion of U.S. History.**

This college prep course explores the development of the United States Constitution and how it functions through the legislative, executive, and judicial branches, the foundations of American government, civil liberties and rights, and state and local governmental structure and functions. This class will look at government in action from both historical and current perspectives.

\*\*\* **AP United States Government**

1 semester .5 credit

**Prerequisite: Completion of AP U.S. History with a B or better or U.S. History with an A.**

The AP U.S. Government course is part of the Advanced Placement Program sponsored by the College Board. This course covers topics such as the institutions and policy processes of the federal government, the federal courts and civil liberties, political parties and interest groups, political beliefs and behavior, and the content and history of the Constitution. Oral discussion and writing focusing on analysis and synthesis of information will be the primary learning style for this course. Students are required to attend review sessions prior to the test.

*Students are required to take the AP exam in May and are responsible for exam fees.*

\*\*\* **AP Comparative Government and Politics**

1 semester .5 credit

**Elective.**

**Prerequisite: Completion of AP U.S. History with a B or better or U.S. History with an A.**

AP Comparative Government and Politics course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the diversity of political life, show available institutional alternatives, explain differences in processes and policy outcomes, and communicate to students the importance of global, political, and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. Careful comparison of political systems produces useful knowledge about the institutions and policies countries have employed to address problems, or, indeed, what they have done to make things worse. In addition to covering the major concepts that are used to organize and interpret what is known about political phenomena and relationships, the course will cover specific countries and their governments. Six countries form the core of the course: China, Great Britain, Iran, Mexico, Nigeria, and Russia. This course is especially recommended for students who want to experience the rigor of an AP course but may not have previously taken an AP course. *Students are required to take the AP exam in May and are responsible for exam fees.*

- \*\*\* **AP European History**  
 1 semesters 1 credit  
**Elective.**  
**Open to sophomores, juniors, and seniors.**  
**Prerequisite: Completion of World Geography Honors with a B+ or better and completion of or concurrent enrollment in Argumentation and Rhetoric Honors.**  
**Does not meet World History graduation requirement.**  
 AP European History is a two-semester elective designed to explore the principal factors that have come to create the intellectual, cultural, social, economic, and political realities of modern Europe. This course emphasizes relevant factual knowledge about European History from 1450 A.D. to the present as well as the basic analytical skills required to understand their significance. Students engage with a multitude of primary and secondary resources in their effort to develop basic historical capabilities with frequent time dedicated to interpretive essay writing. In accordance with College Board requirements, the work of this course is to be of at least the same rigor as that of an introductory undergraduate college course. This course is especially recommended for students who want to experience the rigor of an AP course but may not have previously taken an AP course. *Students are required to take the AP exam in May and are responsible for exam fees.*
- \*\*\* **Philosophy Honors**  
 1 semester .5 credit  
**Elective.**  
**Open to juniors and seniors.**  
**Prerequisite: Earned a B or better in English, Social Studies and Science Honors/AP level courses OR an A in sophomore level English, Social Studies, and Science courses.**  
**Required: Summa Cum Laude students.**  
 Honors Philosophy provides a survey of Western philosophy through the 20<sup>th</sup> century. The first half of the course examines the ontological and ethical claims made by philosophers from ancient times through the scholastic movement, with a focus that includes, but is not limited to, Plato, Aristotle, and St. Thomas Aquinas. It also focuses on different ways that these thinkers provided the basis for acceptance of Christianity. The second half of the course emphasizes epistemological and ethical claims made by philosophers in the early modern era through the 20<sup>th</sup> century, with a focus that includes, but is not limited to, rationalism, empiricism, and Immanuel Kant.
- \*\*\* **Psychology**  
 1 semester .5 credit  
**Elective.**  
**Open to juniors and seniors.**  
 Psychology is a science that studies the human mind process through one's behavior and social patterns. This course covers such topics as learning, emotions, intelligence, heredity, environmental differences between individuals, and the nature and development of personalities. Through individual and group projects, oral and written reports, discussions, and multi-media material, students will better understand how we influence others and their influence on us. Supplemental materials will be used.
- \*\*\* **Sociology**  
 1 semester .5 credit  
**Elective.**  
**Open to juniors and seniors.**  
 Sociology will study the interaction of groups and individuals in a society. This course studies the sociologist's perspectives, theories, and challenges of an ever-changing population. It looks at the socialization process and the influence of family, peers, school, media, religion, and government. Through multimedia material, discussions, debates, and individual and group projects, students will learn to better understand their roles and influence on their society.



- \*\*\* **Street Law**  
1 semester .5 credit  
**Elective.**  
**Open to juniors and seniors.**  
This course discusses the laws that are of practical use in everyday life. The course is designed to provide the students with an understanding of their legal rights and responsibilities, knowledge of everyday legal problems, and the ability to analyze, evaluate, and, in some situations, resolve legal disputes. This course addresses general problems in the areas of criminal and juvenile justice, torts, and consumer, family, and individual rights law. The course will also help the student become a better and more active citizen.
- \*\*\* **The Evolution of Popular Culture: 1955-2014**  
1 semester .5 credit  
**Elective.**  
**Open to juniors and seniors.**  
The purpose of this course is to introduce students to popular culture, and the various strands that combine to make up this culture today. These strands will be studied in isolation as well as by examining how they act upon and interact with each other. The primary focus will be on the popular culture of the United States, and by necessity it will take on a global perspective. The dominant theme of the course is the ways in which culture remains “popular” by having successive generations “push back boundaries.” In the course of studying this material, students will be exposed to a variety of learning media: art, photography, advertising, literature, textbooks, music, film, television, and internet resources. It will combine such aspects of the social sciences as history, sociology, economics, political science, and geography. Students will be graded based upon written assignments, presentations, class contribution, and tests.
- \*\*\* **Personal Finance**  
1 semester .5 credit  
**Elective.**  
**Open to juniors and seniors.**  
This class is for students who have an interest in preparing for their financial future. The comprehensive personal finance curriculum teaches students how to make thoughtful, well-informed decisions about important aspects of personal finance, such as earning income, spending, saving, borrowing, investing, and managing money.
- \*\*\* **Introduction to Entrepreneurship**  
2 semesters 1 credit  
**Elective.**  
**Open to juniors and seniors.**  
This class integrates entrepreneurship, STEM, and design-thinking to equip students with the 21st century skills necessary to create market-based solutions to social problems. This course is designed to help students utilize design thinking to assess social problems, understand root cause analysis, assess individual strengths and form diverse teams, ideate and prototype solutions, build business models, cost, and revenue structures, and form pitch decks and compete at Demo Day to win cash prizes.

## *Technology*

All students must complete the Introduction to Digital Technology class. All other technology courses require completion of this class as a prerequisite.

\*\*\* **Introduction to Digital Technology 1**  
semester .5 credit **Open**  
**to freshmen and sophomores.**

**Required: iPad, minimum 32GB flashdrive, and access to a laptop or desktop system at home.**

Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Information Support, and Digital Arts. This course is designed for students to understand, communicate, and adapt to a digital world as it impacts their life and world. Exposure to foundational knowledge in hardware, software, programming, and graphic design are all taught in a computer lab with hands-on activities and project focused tasks. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course. Various forms of technologies will be explored. Communication skills and practices, problem-solving, ethical and legal issues, digital morality and the impact of effective presentation skills are taught. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction to digital world and will prepare the students for further study in technology.

\*\*\* **Digital Video**  
1 semester .5 credit

**Prerequisite: Completion of Introduction to Digital Technology.**

**Required: A minimum 500GB USB passport drive.**

**Can be repeated for credit.**

This is a multi-level, continuation course that may be taken for up to four semesters. The course begins by laying the foundation for skills in shooting video, synthesizing composition, and producing video communications. Students will work with story planning, audio planning and recording, video editing, project scheduling, peer review, and redesign. As students advance through the course from semester to semester, they will build on design and development skills as well as more in-depth content and advanced editing, audio, and motion graphic techniques. They will develop video production skills that solve specific communication challenges and engage audiences and clients in creating videos, such as commercials, documentaries, PSAs, and scoreboard videos. Students develop a variety of videos focused on genres, such as an action video, a news story, and public service announcements. Student will be involved in creating videos for NDP events, including sporting events, Gala, Auction/Fashion Show, the website, and scoreboard. Students will be expected to attend functions that occur outside of the regular school day and on weekends.

\*\*\* **Digital Arts and Design**  
1 semester .5 credit

**Required: A minimum 32GB flash is recommended for this class.**

**Can be repeated once for credit.**

Students will learn to design using color theory, type, typefaces, images and graphics following the essential principles of design. Digital techniques will be taught to create visually pleasing and effective graphic communications. Custom projects will include magazine covers, movie posters, business cards, flyers, and brochures.

- \*\*\* **Introduction to Coding**  
1 semester .5 credit  
**Prerequisite: Completion of Introduction to Digital Technology.**  
This course will provide you with the tools and skills necessary to develop an iOS App from scratch. By the end of this course, you will be able to demonstrate intermediate application of programming in Swift, the programming language for iOS. Guided by best practices you will become proficient with syntax, object oriented principles, memory management, functional concepts and more in programming with Swift. Starting from the ground up, students will work on a final product due at the end of the semester.
- \*\*\* **AP Computer Science Principles**  
1 semesters 1 credit  
**Prerequisites: Completion of Algebra 1 and Introduction to Digital Technology.**  
This course introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computation content, develops computational thinking skills, and engages students in the creative aspects of the field. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore question that interest them. Rather than teaching a particular programming language or tool, the course focuses on using technology and programming as a means to solve computational problems and create exciting and personally relevant artifacts. Students design and implement innovative solutions using a process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. *Students are required to complete the AP requirements, portfolio and test, in May and are responsible for all fees.*
- \*\*\* **AP Computer Science**  
2 semesters 1 credit  
**Open to juniors and seniors.**  
**Prerequisites: Completion of Introduction to Digital Technology.**  
**Co-requisite: Geometry or Honors Geometry. Students should have a basic understanding of how a computer works and have a desktop or laptop computer available to use outside of class.**  
This course is a college level introduction to object-oriented programming in Java. Students will focus on a problem solving approach designed to focus attention on programming algorithms and data structures. Students will be fluent in the syntax and logic structures of the Java programming language as well as familiar with the Java API. Students complete difficult programming challenges, reflect on these exercises, and share their discoveries with their peers. *Students are required to take the AP exam in May and are responsible for exam fees.*
- \*\*\* **Introduction to Technical Drafting**  
1 semester .5 credit  
**Prerequisite: Completion of Introduction to Digital Technology.**  
**Co-requisite: Geometry or Geometry Honors.**  
Introduces fundamentals of drafting and basic drawing techniques. Students learn about topics that include geometrics, sectional views, and multi-view drawing. Students also study lettering, tolerance and dimensioning. Using the most recent version of Sketchup, students gain experience with computer drafting systems. Students will also use paper and cardboard to construct models of their designs.

\*\*\*

### **Yearbook 1**

2 semesters

1 credit

**Elective. Open to juniors and seniors.**

**Prerequisite: Completion of Digital Photography or Computer Graphics with a B or better and a B or better in all English classes and instructor approval. Students must have a basic knowledge of the computer.**

Students will learn and apply the principles of visual arts (composition, elements of visual arts, and design) and the elements of digital photography to the creation of the yearbook. During this course, students will learn and use *Adobe InDesign*, *Adobe Photoshop*, and *Jostens YearTech* to create assigned pages on a variety of subjects. Students must adhere to the principles of design and composition to create pleasing layouts for both pages describing events and for paid ads. Students must be able to complete pages within prescribed deadlines. Acceptance to Yearbook/Photojournalism is partially based on photographic and artistic abilities and English teachers' recommendations.

\*\*\*

### **Yearbook 2**

2 semesters

1 credit

**Elective. Open to seniors only.**

**Prerequisite: Completion of Yearbook 1.**

Students will learn and apply the principles of visual arts (composition, elements of visual arts, and design) and the elements of digital photography to the creation of layouts to be used in a variety of school publications. During this course, students will learn and use *Adobe InDesign*, *Adobe Photoshop*, and *Jostens YearTech* to create assigned pages on a variety of subjects. Students must adhere to the principles of design and composition to create pleasing layouts for both pages describing events and for paid ads. This class will familiarize students with graphic design and layout principles used by professionals.

## ***Theology***

*All students are required to take Theology each semester at Notre Dame Preparatory, in accordance with Diocesan school standards. Review Prerequisites carefully as they are slightly different from the standard Prerequisites.*

\*\*\*

### **Theology 1**

2 semesters

1 credit

#### **1<sup>st</sup> semester**

#### **The Revelation of Jesus Christ in Scripture (History of Scripture I)**

The purpose of the course is to give students a general knowledge and appreciation of Sacred Scripture. Through the study of the Bible, students will come to encounter the living Word of God, Jesus Christ. They will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. Students will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each. They will pay particular attention to the Gospel so that they may grow to know and love Jesus Christ more personally.

#### **2<sup>nd</sup> semester**

#### **Who Is Jesus Christ? (History of Scripture II)**

The purpose of the course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the fullness of revelation to us from God. In learning about who Jesus is, the students will also learn who He calls them to be.

\*\*\*

### **Theology 2**

2 semesters

1 credit

#### **1<sup>st</sup> semester**

#### **The Mission of Jesus Christ (The Paschal Mystery)**

The purpose of the course is to help students understand all that God has done for us through His Son, Jesus Christ. Students will learn that for all eternity God has planned for us to share eternal happiness with Him and that this is brought about through the act of redemption. Students will learn further that they share in this redemption only in and through Jesus Christ. Finally, they will be introduced to what it means to be a disciple.

#### **2<sup>nd</sup> semester**

#### **Jesus Christ's Mission Continues in the Church**

The purpose of the course is to help students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

\*\*\*

### **Theology 3**

2 semesters

1 credit

#### **1<sup>st</sup> semester**

#### **Sacraments as Privileged Encounters with Jesus Christ**

The purpose of the course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

#### **2<sup>nd</sup> semester**

#### **Responding to the Call of Jesus**

The purpose of the course is to help students understand the vocation of life: how Christ calls us to live. In this course, students will learn how all vocations are similar and how they differ. The course is structured around married life, single life, priestly life, and consecrated life. Students learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

\*\*\*

## **Theology 4**

2 semesters

1 credit

### **1<sup>st</sup> semester**

#### **Catholic Church History**

The purpose of the course is to supply students with a general knowledge of the Church's history from apostolic times to the present. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him throughout history through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. Students will learn about the Church's 2,000 years of history and about how the Church is led and governed by the successors of the Apostles.

### **2<sup>nd</sup> semester**

#### **Life in Jesus Christ**

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plan for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

\*\*\*

## **History of Christian Arts and Spirituality Honors**

1 semester

.5 credit

**Elective.**

**Open to sophomores, juniors and seniors.**

**Prerequisite: An A in Theology AND a B in English or Social Studies.**

This is a humanities course that presents a historical overview of Christian spirituality as it is exemplified through art, architecture, literature, music, and theatre and film. Students will explore and investigate four major time periods of spiritual growth and renewal in Christian history: pre-Constantine period of persecution, the Celtic monastic movement, Renaissance and the Age of Exploration, and St. John Paul II's New Evangelization. A non-spiritual "mini-unit" on art and culture issues of the World War II era is included. This course uses historical research as a means to explore personal spiritual growth via technology and multi-media. Therefore, the semester project requires each student to research a topic of interest and the, create a new web 2.0 source of humanities information.

\*\*\*

## **Medical Ethics Honors**

1 semester

.5 credit

**Elective.**

**Open to juniors and seniors.**

**Prerequisite: An A in Theology AND a B in English or Social Studies.**

This course examines ethical issues in health care through the lens of Catholic moral thought. Students will first be introduced to the terminology and approaches of secular bioethics in order to understand similarities and differences between a secular and Catholic approach. Students will then explore theological foundations for health care ethics, including Christian anthropology and the meaning of the Christian life as it relates to issues that arise in health care. The course will engage specific teachings of the Catholic Moral tradition that bear directly on issues of health care ethics, including reproductive technologies, contraception, end-of-life decision making and physician-assisted suicide. A course format integrating lecture and active case discussion will provide both an understanding of principles and the opportunity to develop practical dilemma-solving skills.

\*\*\*

## **Philosophy of the Human Person Honors**

1 semester

.5 credit

**Elective.**

**Open to juniors and seniors.**

**Prerequisite: An A in Theology AND a B in English or Social Studies.**

An examination of what it means to be human from the view of ancient, modern, and postmodern thought. Includes discussion of St. John Paul II and selections from modern philosophers.

\*\*\* **Philosophy of the Human Person Honors**

1 semester .5 credit

**Elective.**

**Open to juniors and seniors.**

**Prerequisite: An A in Theology AND a B in English or Social Studies.**

An examination of what it means to be human from the view of ancient, modern, and postmodern thought. Includes discussion of St. John Paul II and selections from modern philosophers.

\*\*\* **World Religions**

1 semester .5 credit

**Elective.**

**Open to sophomores, juniors and seniors.**

In keeping with the Vatican Council II *Declaration on the Relationship of the Church to Non-Christian Religions*, this course will provide an overview of the religious beliefs of some of the major faiths of the world. The emphasis will be on understanding the beliefs of the world's people and how they came to accept those beliefs as truth. Students will be given the opportunity to discuss various world religions in a comparative context with Roman Catholicism. In addition, the student will be influenced in areas of art, literature, politics, and human relations.

## *World Languages*

\*\*\*

### **French 1**

1 semesters                      1 credit

#### **Placement determined by admissions portfolio.**

French 1 uses a multi-media approach to meet the National Communicative Standards for World Languages. Through the development of listening skills, the student begins to converse in the French language. Listening, speaking, reading, writing, and responding exercises are based on communicative objectives. Cultural narratives help the student learn about the customs and ideas of foreign culture. The text is supplemented by two workbooks.

\*\*\*

### **French 2**

2 semesters                      1 credit

#### **Prerequisite: Completion of French 1 or admissions portfolio.**

French 2 students continue to develop skills in listening, speaking, reading and writing, allowing them to express themselves more freely in the oral and written skills of the target language. There are continued multi-media components that meet national standards. Each chapter has communicative objectives. Added cultural notes and supplements will allow students to become familiar with dress, customs, and value systems through broadening their realm of experience. The text is supplemented by two workbooks. Students will be required to purchase supplementary materials.

\*\*\*

### **French 3 Honors**

2 semesters                      1 credit

#### **Dual Enrollment option**

#### **Prerequisite: Completion of French 2.**

French 3 students continue to develop skills in listening, speaking, reading and writing, practicing these skills at an accelerated pace. This course is intended for students who plan to continue studies in French after the third year. A literature component is introduced, and a stronger focus is placed on written expression. Instruction is mostly in French, and students are expected to build to an intermediate level of fluency. Students will be required to purchase supplementary materials.

\*\*\*

### **French 4 Honors – Language, Literature, and Culture**

2 semesters                      1 credit

#### **Dual Enrollment option**

#### **Prerequisite: Completion of French 3 Honors.**

This class will incorporate language learning and the culture of French and Francophone countries. Students will also be required to read works written in French and Francophone novels in translation in order to better understand Francophone culture. Students will be required to speak French during class.

\*\*\*

### **AP French – Language**

2 semesters                      1 credit

#### **Dual Enrollment option**

#### **Prerequisite: Completion of French 3 Honors with a B+ or better.**

The AP French course is part of the Advanced Placement Program sponsored by the College Board. Students in this course are engaged in learning a strict and intensive regime of practice of speaking, reading comprehension, and writing. Students will learn to write well-organized compositions on a variety of subjects. The French AP class is **conducted entirely in French**, and students will be expected to actively participate. In addition, students will continue to review vocabulary used in everyday situations and study intricate grammatical structures necessary for the AP exam. *Students are required to take the AP exam in May and are responsible for exam fees.*



- \*\*\* **Spanish 1**  
2 semesters 1 credit  
**Placement determined by admissions portfolio and World Language placement test results.**  
Spanish uses a multi-media approach to meet the National Communicative Standards for World Languages. Through the development of listening skills, the student begins to converse in the foreign language. Listening, speaking, reading, writing, and responding exercises are based on communicative objectives. Cultural narratives help the student learn about the customs and ideas of foreign culture.
- \*\*\* **Spanish 1 Honors**  
2 semesters 1 credit  
**Placement determined by admissions portfolio and World Language placement test results.**  
Students will develop skills in listening, speaking, reading, and writing, allowing them to express themselves more freely in the oral and written skills of the target language and at higher levels. There are continued multi-media components that meet national standards. Each unit has rigorous communicative objectives. Added cultural notes and supplements will allow students to become familiar with dress, customs, and value systems through broadening their realm of experience.
- \*\*\* **Spanish 2**  
2 semesters 1 credit  
**Prerequisite: Completion of Spanish 1.**  
Students continue to develop skills in listening, speaking, reading, and writing, allowing them to express themselves more freely in the oral and written skills of the target language. There are continued multi-media components that meet national standards. Each chapter has communicative objectives. Added cultural notes and supplements will allow students to become familiar with dress, customs, and value systems through broadening their realm of experience.
- \*\*\* **Spanish 2 Honors**  
2 semesters 1 credit  
**Prerequisite: Completion of Spanish 1 Honors with a B or better or Spanish 1 with an A and skills assessment.**  
Students continue to develop skills in listening, speaking, reading, and writing, allowing them to express themselves more freely in the oral and written skills of the target language and at higher levels. There are continued multi-media components that meet national standards. Each chapter has rigorous communicative objectives. Added cultural notes and supplements will allow students to become familiar with dress, customs, and value systems through broadening their realm of experience.
- \*\*\* **Spanish 3**  
2 semesters 1 credit  
**Prerequisite: Completion of Spanish 2.**  
In this course, the student achieves a conversational level of fluency in the language. A greater variety of reading selections are discussed in the target language according to the student's ability. Opportunities for enjoyment of the customs, ideas, and heritage increase. Several personalities and celebrities of the Spanish-speaking world are presented in this course. Students will be able to compare and contrast the different customs and celebrations within the Hispanic world. Literature is also introduced at this level, while continuing to use multi-media components.

\*\*\* **Spanish 3 Honors**  
2 semesters                      1 credit  
**Prerequisite: Completion of Spanish 2 Honors with a B or better or Spanish 2 with an A and skills assessment.**

This course moves faster than Spanish 3 and has added literature and grammar opportunities. In this course, the student achieves a higher conversational level of fluency in the language. A greater variety of reading selections are discussed in the target language according to the student's ability. Opportunities for enjoyment of the customs, ideas, and heritage increase. Several personalities and celebrities of the Spanish-speaking world are presented in this course. Students will be able to compare and contrast the different customs and celebrations within the Hispanic world. Literature is also introduced at this level, while continuing to use multi-media components.

\*\*\* **Spanish 4**  
2 semesters                      1 credit  
**Prerequisite: Completion of Spanish 3.**

In this course, all communication skills are enhanced and comprehensively developed in the target language. Students will apply the grammatical concepts and thematic vocabulary they learned in levels 1, 2, and 3, as well as new, more advanced vocabulary and grammar, in various authentic projects and presentations. A variety of technology and multimedia resources will be used.

\*\*\* **Spanish 4 Honors - Conversation and Culture**  
2 semesters                      1 credit  
**Prerequisite: Completion of Spanish 3.**

The primary objective of this course is to develop and reinforce the student's ability to communicate in Spanish in order to improve conversational skills and speaking fluency. Emphasis on Hispanic Culture, including music, art, dance, food, and cultural traditions, will be used as a mode to entice oral discussion, vocabulary building, listening skills, reading skills and cultural awareness. This course is intended for students who wish to consolidate and sharpen pronunciation and fluency in a collaborative environment.

\*\*\* **AP Spanish Language**  
2 semesters                      1 credit  
**Prerequisite: Completion of Spanish 3 Honors.**

This AP Spanish course is designed for students who have mastered the fundamentals of the Spanish language and who are now ready to apply those skills in all subject areas in the target language. The teacher will conduct the majority of the class exclusively in Spanish and students will also be expected to and required to interact with their teacher and peers in the Spanish language through casual conversations and formal discussions throughout the class period. Both oral and written communication and comprehension in Spanish are emphasized through various assignments and class discussions. Students will be exposed to the Spanish language through various means, such as exclusive use of the target language in class, authentic listening comprehension activities, challenging and authentic reading assignments, formal and informal writing prompts, extensive review of Spanish grammatical concepts, and through AP practice tests, thus increasing proficiency in reading, writing, speaking, and listening. *Students are required to take the AP exam in May and are responsible for exam fees.*

\*\*\*

**AP Spanish Literature and Culture**

2 semesters                      1 credit **Open**

**to juniors and seniors.**

**Prerequisite: Completion of AP Spanish Language with a B or better.**

Following the College Board curriculum, this course is “designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish. The course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. The course provides opportunities for students to demonstrate their proficiency in Spanish across the three modes of communication (interpersonal, interpretive, and presentational) and the five goal areas (communication, cultures, connections, comparisons, and communities) outlined in the Standards for Foreign Language Learning in the 21st Century. The overarching aims of the course are to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills — with special attention to critical reading and analytical writing — and to encourage them to reflect on the many voices and cultures included in a rich and diverse body of literature written in Spanish.” *Students are required to take the AP exam in May and are responsible for exam fees.*

## *Other Elective Courses*

- \*\*\* **Christian Leadership**  
1 semester .5 credit  
**Open to all students.**  
This class is open to all students who want to pursue the National Association of Student Councils Certified Student Leader Program (NASC CSLP) certificate. Emphasis in this class will be on learning and developing leadership skills, such as leadership qualities, goal setting, team building, problem solving, communication, time management, and decision making. This will allow students to enhance the skills they learn based on six themes of Christian leadership: leadership styles, listening skills, conflict resolution, trust and responsibility, leadership and disciples, and planning and strategy. Students will complete the NASC portfolio in this class.
- \*\*\* **Gonzaga 9**  
2 semesters 1 credit  
**Open only to students in the Gonzaga Program.**  
**Pass/Fail**  
This class provides support to students in English 1-Gonzaga and Algebra 1-Gonzaga.
- \*\*\* **Gonzaga 10**  
2 semesters 1 credit  
**Open only to students in the Gonzaga Program.**  
**Pass/Fail**  
This class provides support to students in English 2-Gonzaga and World History-Gonzaga.
- \*\*\* **Humanitarian Engineering – Summer School only**  
Technology elective .5 credit  
Engineering with a purpose! This 3 week course implements project-based learning to identify a humanitarian problem and map out a viable solution. Students will use real-world experiences and web based tools to create and implement a realistic plan. Students will be engaged by starting with the abstract and solving real-world problems using concrete, hands-on tools in a supportive, technology based environment.
- \*\*\* **Office Aide/ Teacher Assistant**  
1 semester 5 hours of service to Notre Dame Prep  
**Open to sophomores, juniors, and seniors with a 3.0 unweighted GPA or higher. Must be responsible and self-motivated individuals in good standing. For more details, talk to Director of Christian Service Learning.**  
**Can be repeated up to 10 hours service to NDP.**  
**Required: For Teacher Assistants, must be coordinated with teacher in advance of scheduling.**  
Office Aides and Teacher Assistants serve Notre Dame Prep teachers and staff by carrying out tasks, such as assisting with clerical work, posting and delivering messages, running errands, organizing documents. Students will help in various locations, depending on need. Students receive a Pass/Fail grade. Student may not enroll in a study hall during the same semester.
- \*\*\* **Free Period**  
1 semester 0 credit  
**Seniors only.**  
**Prerequisite:**  
**Note: Beginning Fall 2018 Free H period, no more than six (6) tardies/absences during A period during the previous two semesters.**  
Seniors may elect to take A or H period as a free period with the approval of parents and counselor. Only one per semester. This may not be taken concurrently with a study hall or non-credit bearing courses such as Office Aide.

\*\*\*

**Study Hall**

1 semester                      0 credit

Students may elect to take a study hall each semester. This course is not taken for credit but allows students to work on homework or other assignments. Students are expected to keep busy the entire period, and teachers assigned will maintain a quiet environment for study.