

**Notre Dame Preparatory
Course Descriptions 2023-2024**

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Business Courses

*****Introduction to Entrepreneurship: Designing a Social Enterprise and an Impact Driven Business**

1 semester - 0.5 credit – Elective (10-12) *Prerequisite: Completion of English 1 or Honors English 1*

This Introduction to Entrepreneurship course is for more than students interested in business - this is a course for designers, engineers, techies, writers, and all students interested in starting their OWN business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful by learning how to come up with new business ideas, attract investors, market their business, and manage expenses. Students will also be exposed to different types of innovative entrepreneurial concepts, such as design thinking, rapid prototyping, and team-building. Students will be challenged to identify and develop their professional strengths along with their innovative spirits.

*****Personal Finance**

1 semester - 0.5 credit – Elective (10-12)

This course gives students a consistent framework for thinking through financial choices to improve their well-being. Decisions require action. Students who take charge of their finances are better prepared to invest in themselves and cope with the financial ups and downs that life will bring. Subjects discussed: budgeting basics, saving money, credit and debit, consumer awareness, career readiness, college planning, financial services, insurance, income and taxes, housing and real estate, and investing and retirement. An activity and project-based approach will be used.

*****Introduction to Accounting**

1 semester - 0.5 credit – Elective (11-12) *Prerequisite: A grade of B or higher both semesters in the student's previous math class*

This course provides an introduction to accounting: the language of business. Understanding how to properly account for transactions and assess the health of a company will equip students with the tools necessary to make successful business decisions. Topics include: the accounting cycle; recording business transactions affecting assets, liabilities, equity, revenues and expenses; preparing and analyzing financial statements; and addressing the stakeholders of such information.

*****General Business Studies**

1 semester - 0.5 credit – Elective (11-12)

This course provides students with the opportunity to learn about a broad range of business topics at a high level. Students will be introduced to business language and concepts. They will use critical thinking skills to address various complexities and opportunities in the multifaceted world of business. Topics include: communication; leadership and management; financial management; marketing; human resources; ethics; and corporate social responsibility. Students will be studying already-established businesses, not learning how to start a new business.

*****DECA Marketing**

2 semesters - 1.0 credit – Elective (9-12) *Prerequisite: None.*

DECA is an association of marketing students that encourages the development of business and leadership skills through academic conferences and competitions.

Engineering and Technology Courses

****Project Lead the Way (PLTW) - 4-year Engineering Program**

This series of courses focus on the processes of applying scientific, technological, engineering, and mathematical principles (STEM) in the design, production, and operation of products, structures, and systems. These hands-on courses are 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. This is a four-year program designed to help students develop the skills needed to succeed in our global economy. PLTW courses are aligned with State Standards for Math and English Language Arts, Next Generation Science Standards, and other national and state standards. Courses and units are designed to complement math and science courses.

*****Engineering 1: Honors Introduction to Engineering Design (IED)** Semesters: 2 Credits: 1.0 Grade Level: 9. *Prerequisite: None.*

Course Description: (IED) Introduction to Engineering and Design is an introductory course, which develops student problem solving skills with emphasis on the development of three-dimensional (3-D) solid models. Students will work both individually and in teams to design solutions to a variety of problems using 3D modeling software. Students use the design process, applying math, science, and engineering standards to hands-on projects. Models of product solutions are created, analyzed and communicated using Autodesk Inventor. This course also works in a variety of project-based learning activities such as The Innovation Challenge, Canstruction, and Mission to Engineer.

*****Engineering 2: Honors Principles of Engineering (POE)** Semesters: 2 Credits: 1.0 Grade Level: 10. *Prerequisite: Engineering 1. To be offered in 2023-2024 School Year.*

Course Description: Principles of Engineering (POE) is a course that focuses on the process of applying engineering, technological, scientific and mathematical principles 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 civil, mechanical, electrical 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 also addressed. Classroom activities are organized to allow students to work in teams and use modern technological processes, computers, CAD software, and projection systems in developing and presenting solutions to engineering problems.

*****Engineering 3A: Honors Aerospace Engineering (AE)** Semesters: 2 Credits: 1.0 Grade Level: 11. *Prerequisite: Engineering 1 and 2 or permission from instructor. To be offered in 2024-2025 School Year.*

Course Description: Aerospace Engineering ignites students' learning in the fundamentals of atmospheric and space flight. Aerospace Engineering is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion systems, and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. They also apply aerospace concepts to alternative applications such as a wind turbine and parachute. Students simulate a progression of operations to explore a planet, including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot.

*****Engineering 3B: PLTW Principles of Biomedical Science (PBM)** Semesters: 2 Credits: 1.0 Grade Level: 11. *Prerequisite: Engineering 1 and 2 or permission from instructor. To be offered in 2024-2025 School Year.*

Analyze the evidence found at a crime scene and help the medical examiner uncover clues left on a body to solve a mystery. Question, diagnose, and propose treatment and care for patients in a family medical practice. Track down the source of a mysterious outbreak at a local hospital. Access and stabilize a patient during an emergency and prepare for medical surge and mobile medical care. Collaborate with professionals in other fields to innovate and design solutions to local and global medical problems. Whether seeking a career in medicine or healthcare or simply looking for the challenge of real-world problems, students in Principles of Biomedical Science will practice how to think creatively and critically to innovate in science and will gain practical experience with experimental design and the design process.

*****Engineering 3C: PLTW Civil Engineering and Architecture (CEA)** Semesters: 2 Credits: 1.0 Grade Level: 11. *Prerequisite: Engineering 1 and 2 or permission from instructor. To be offered in 2024-2025 School Year.*

Course Description: Civil Engineering and Architecture introduces students to the fundamental design and development aspects of civil engineering and architectural planning activities. Application and design principles will be used in conjunction with mathematical and scientific knowledge. Computer software programs (Revit) will allow students opportunities to design, simulate, and evaluate the construction of buildings and communities. During the planning and design phases, instructional emphasis will be placed on related transportation, water resources, and environmental issues. Activities will include the preparation of cost estimates, structure design, surveying, model building, as well as a review of regulatory procedures that would affect the project design.

*****Engineering 3D: PLTW Computer Science Principles (APCSP)** Semesters: 2 Credits: 1.0 Grade Level: 11. *Prerequisite: Two Engineering and Tech courses or permission from instructor. To be offered in 2024-2025 School Year.*

Using Python® as a primary tool, students learn the fundamentals of coding, data processing, data security, and task automation, while learning to contribute to an inclusive, safe, and ethical computing culture. The course promotes computational thinking and coding fundamentals and

introduces computational tools that foster creativity. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment.

*****Engineering 4: Honors Engineering Design and Development (EDD) Semesters: 2**

Credits: 1.0 Grade Level: 12. (*Formerly named Intro to Engineering DE.*) *Prerequisite: Engineering 1, 2 and 3.*

Course Description: Engineering Design and Development is an engineering research course in which students work in teams to research, design, test, and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide the team to reach a solution to the problems. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous pre-engineering courses. This course also engages students in critical thinking and problem-solving skills, time management and teamwork skills, a valuable set for students' future careers.

*****Introduction to Coding**

1 semester - 0.5 credit - Elective

Computer programming is becoming a necessary skill throughout many career fields. Introduction to coding provides a complete introduction to program and game development using the Python programming language. By the end of this course, students will be able to demonstrate application of programming Python. Guided by best practices students will become proficient with syntax, object oriented principles, memory management, functional concepts and more in programming with Python. Starting from the ground up, students will work on a final product due at the end of the semester.

*****AP Computer Science Principles**

2 semesters - 1 credit. *Prerequisites: Intro to Coding; Corequisite: Algebra 1*

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 questions 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 – Elective (11-12). *Prerequisite: 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 Drawing**

1 semester - 0.5 credit – Elective (10-12).

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 Fusion360, students gain experience with computer drafting systems. Students will also use 3-D printing and conventional methods to construct models of their designs.

*****Introduction to Graphic Design**

1 semester - 0.5 credit – Elective (9-12).

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

Cross-listed with Fine Arts. *Students must declare whether the course will count for Fine Arts or Technology credit.*

This course encourages students to use computer-based tools to explore creative uses of technology to produce graphic art. Students learn Illustrator 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. Students will also 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.

*****Yearbook/Desktop Publishing 1**

2 semesters - 1 credit – Elective (11-12). *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. ***Cross-listed with Fine Arts.*** Students must declare whether the course will count for Fine Arts or Technology credit.*

Students will learn and apply the principles of visual arts (composition, elements of visual arts, and design) and the elements of digital photography for 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/Desktop Publishing 2**

2 semesters - 1 credit – Elective (12). *Prerequisite: Completion of Yearbook/Desktop Publishing 1. **Cross-listed with Fine Arts.** Students must declare whether the course will count for Fine Arts or Technology credit. Will satisfy year-long Fine Arts credit if taken with Yearbook/Desktop Publishing 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.

*****Animation and Motion Arts**

1 semester - 0.5 credits – Elective (9-12). ***Cross-listed with Fine Arts.** Students must declare whether the course will count as Fine Arts or Technology credit.*

This course teaches animation skills to begin preparing students for a variety of fields including entertainment, game design, the web, advertising, broadcasting, social media, and mobile apps. Using industry-standard 2D and 3D animation technologies from Adobe CC, students develop skills for creative expression and visual storytelling. Knowledge of Adobe Illustrator and PhotoShop, and basic drawing skills will ensure success in this class.

*****Advanced Animation AND 3-D Motion/Independent Study**

1 semester - 0.5 credit – Elective (9-12) *Prerequisite: Animation and 3-D Motion. **Cross-listed with Fine Arts.** Students must declare whether the course will count as Fine Arts or Technology credit.*

Students will compare various styles of animation and will create and develop more comprehensive characters, storyboards, and elaborate environments to be animated. Writing and editing script for a specific audience will be practiced. Sound and audio files and will be created, and edited for special effects.

*****Choreography for the Camera**

1 semester – 0.5 credit (10-12). This is only offered in the fall semester. *Prerequisite: Dance 2, Dance Company, or previous dance experience. **Cross-listed with Fine Arts.** Students must declare whether the course will count as Fine Arts or Technology credit.*

Students will learn and develop their choreography skills for the camera. They will learn how to use Adobe's Premier Pro to edit their videos. Students will be expected to create numerous site-specific dance videos throughout the semester that will develop their ability to tell a cinematic story through dance.

*****Digital Painting**

1 semester - 0.5 credit

***Cross-listed with Fine Arts.** Students must declare whether the course will count as Fine Arts or Technology credit.*

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 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 in the class as the semester progresses.

*****Digital Photography 1**

1 semester - 0.5 credit. ***Cross-listed with Fine Arts.*** *Students must declare whether the course will count as Fine Arts or Technology credit.*

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.

*****Digital Photography 2**

1 semester - 0.5 credit – Elective (9-12) *Prerequisite: Digital Photography 1.* ***Cross-listed with Fine Arts.*** *Students must declare whether the course will count as Fine Arts or Technology credit.*

Digital Photography 2 will build upon the skills in which students gained in Digital Photography I such as photographic techniques and using technology such as Photoshop and Bridge. This course will advance those techniques by challenging the students in more rigorous ways, improving techniques used for focusing, framing, and using light.

*****School Media**

1 semester - 0.5 credit – Elective (10-12) *Prerequisite: Digital Photography 2.* ***Cross-listed with Fine Arts.*** *Students must declare whether the course will count as Fine Arts or Technology credit.*

Students will use their photographic, video, and English skills to cover and report on school events. Events include sporting events, pep rallies, MASS, NHS, classroom activities (from all departments), school dances, Freshman Plunge, Shadow Day, etc. Photos and stories created in this class may be published in school newsletters, webpages, print publications, online galleries, etc. This course will teach students how to photograph, interview, and write as a journalist.

*****Intro to Videography**

1 semester - 0.5 credit – Elective (10-12) *Prerequisite: Digital Photography 1*

This one-semester course is an entry-level, hands-on class to familiarize and enable students to use basic video/film/audio production. Students will use their basic photography and Adobe skills from Digital Photography I and apply it to video and editing. The course is for students who wish to develop the ability to capture video and audio as well as create and edit those two elements together to tell a story. Using classic, modern, and original techniques and theory, students will learn the essentials in creating, editing, and dissemination of video projects. During the course each student will learn how to operate a video camera, understand basic principles of

capturing video and audio and how to narrate a story by combining video and audio. Students can focus on live events, staged events, and news-like productions.

*****Filmmaking 101**

2 semesters - 1.0 credit – Elective (9-12) *Prerequisite: None. Recommended (not required) courses that provide helpful background include journalism, broadcast journalism, screenwriting. Students who do not have this experience may apply by indicating experience with video/film and provide recommendation from teacher or advisor.*

Students will begin this year-long course by gaining background in film crew jobs (director, writer, producer, cinematographer, and editor) and the basics of film production (writing, developing, preparing, shooting, editing, and distribution). In the second semester, students will strengthen camera skills and learn more about documentaries & copyright laws. Students will create a variety of “shorts” (short films), including silent films, commercials, music videos, promotional videos and more. They will learn the process required to create films, from start to finish including: planning, research, location, lighting, blocking, directing, storyboarding, copyright, green-screen, editing, distribution and more. Students will participate in group critiques for each project, learning from each other. Students will also be exposed to other award-winning student work, learning from them, plus engage in dialogue with industry professionals. Students will create a digital portfolio of their work at the end of each semester and will have opportunities to enter their work in a variety of contests.

*****Introduction to Graphic Design**

1 semester - 0.5 credit – Elective (9-12). *Cross-listed with Fine Arts. Students must declare either fine arts or technology credit.*

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

This course encourages students to use computer-based tools to explore creative uses of technology to produce graphic art. Students learn Illustrator 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. Students will also 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.

*****Broadcast 1: Intro to Broadcast Journalism**

2 semesters - 1.0 credit – Elective (10-12). *Prerequisite: B or better in English.*

Cross-listed with Fine Arts. Students must declare whether the course will count as Fine Arts or Technology credit.

This is a unique opportunity for students to write scripts for NDP Live Announcements and also focus on learning skills for being on-camera. This introductory course focuses on writing scripts, editing, and presenting on camera. Additional video requests, special projects and NDP Live video announcements will be introduced.

*****Broadcast 2: Broadcasting and Video Production Advanced**

2 semesters - 1.0 credit – Elective. *Prerequisite: Photojournalism or Broadcast 1. Satisfies year-long fine arts requirement. Cross-listed with Fine Arts. Students must declare whether the*

course will count as Fine Arts or Technology credit. Required: A minimum 500GB USB passport drive.

This is a continuation advanced course for students who want to be either behind or in front of the camera with NDP Live. The course builds on the foundational skills in shooting video, synthesizing composition, and producing video communications. Students will continue to 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 and develop 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. Students 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. Students will also create a digital portfolio to display all their work.

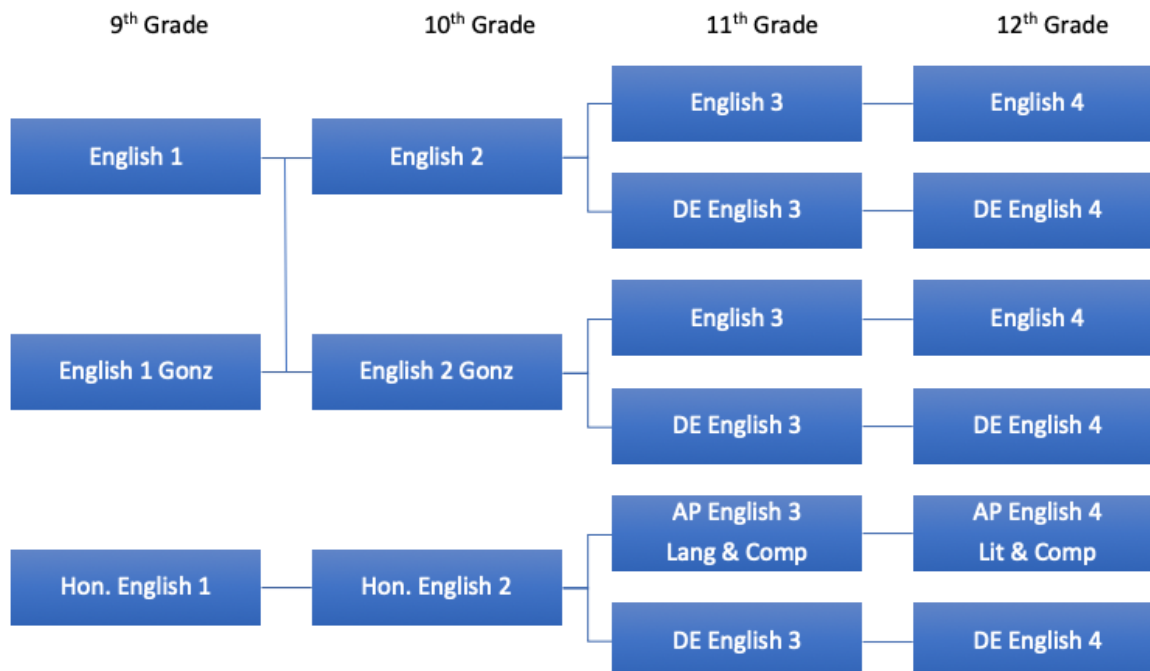
English Courses

English Scope and Sequence

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

Please note:

- Review grade requirements for advancing to higher levels.
- Students are required to be in an English class every year at NDP.
- English 3 and English 4 have a Dual Enrollment (DE) option for Honors credit.



*****English 1 – Gonzaga Program**

2 semesters - 1 credit (.5 extra for Gonzaga 9 swing class with Algebra)

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 demonstrating 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 stories, 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.

*****Honors English 1**

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, plays, and informational texts. 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 (.5 extra for Gonzaga 9 swing class with Geometry)

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 expository writing, including response to literature, comparison, and research-based writing. Research and research writing skills utilizing MLA style are developed as a part of their ongoing growth as writers. Students will continue to use the Jane Schaffer Method of writing, and will also study and practice more advanced styles of writing. Writing strengths are enhanced and weaknesses addressed, with an emphasis on revision and the writing process. The world literature course is built chronologically, presenting the works of authors who represent history and society from around the world, following closely with their World History curriculum. Students continue to refine their critical thinking and analysis skills through essays, multimedia presentations, and projects.

*****Honors English 2**

2 semesters - 1 credit. *Prerequisite: Completion of English 1 with an A in both semesters or completion of Honors English 1 with a B or better both semesters.*

This class is for students who choose to be challenged beyond the standard class curriculum. An emphasis on critical analysis and thinking shapes students' essays, multimedia presentations and class discussions in this course. Students look to advance their writing, utilizing complex sentences to achieve clearer meaning in their written work. Emphasis is placed on the development of expository writing and academic research utilizing MLA style to develop students in their growth as writers, as well as analyzing texts to create meaning. Students in the honors curriculum are exposed to a wide variety of literary elements and allusions. Their skills of analysis and synthesis are honed through the practice of critical reading to deepen their understanding of the written word. Writing strengths are enhanced and weaknesses addressed, with an emphasis on revision and the writing process. The world literature course is built chronologically, presenting the works of authors who represent history and society from around the world, following closely with their World History curriculum.

*****English 3**

2 semesters - 1 credit. *Prerequisite: Completion of English 2.*

English 3 focuses on an introduction to the foundations and diversity of American culture through a survey of its literature, including minority writers. Students will explore various facets of American culture from the Puritan and Colonial times to modern times, and will study ethnic, racial, and immigrant experiences as they relate to the American Dream. American Literature is divided into two semesters. During the fall semester, students will read plays and speeches by American authors, about American identity and history. First semester, students review foundational writing skills, resulting in a formal character development essay and an argument essay. The second half of semester one is dedicated to building language and skills related to rhetorical analysis. Second semester, students focus on student-led discussions with American novels and research skills. Students write a short research paper related to one of the essential questions of the course. A strong emphasis is placed on expanding and refining writing abilities to prepare for the SAT and ACT, which most students take during 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.

*****DE Honors English 3**

2 semesters - 1 credit. Dual Enrollment option. *Prerequisite: Completion of English 2 with an A both semesters or English 2 Honors with a B or better both semesters.*

This course allows students to receive high school credit for Honors English 3 at Notre Dame Preparatory and Dual Enrollment (DE) elective credit at Scottsdale Community College (SCC). The course is divided into two semesters. DE H English 3 focuses on American literature and covers the requirements for ENH 110 (Introduction to Literature) and ENH 111 (Literature and the American Experience) for dual enrollment. Both fiction and non-fiction will be studied, and students are expected to read outside of class regularly. A strong emphasis is placed on expanding and refining writing abilities to prepare for the SAT and the ACT. 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. As an Honors-level course, the class focuses on written expression as the primary method of demonstrating understanding.

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

2 semesters - 1 credit. *Prerequisite: Completion of Honors English 2 with a B+ or better both semesters or completion of English 2 with an A both semesters, writing sample & AP teacher approval. Transfer students will take a pre-test with an AP-style writing prompt to determine readiness for AP English courses before registration. Required: Completion of or concurrent enrollment in Honors Argumentation and Rhetoric.*

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 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 purpose, 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 novels, short stories, and essays 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, textual analysis and criticism, and an MLA-style research project. Writing strengths are enhanced and writing weaknesses addressed.

*****DE Honors English 4**

2 semesters - 1 credit. Dual Enrollment option. *Prerequisite: Completion of English 3 with A both semesters or English 3 DE/AP with B or better both semesters.*

This course allows students to receive high school credit for Honors English 4 at Notre Dame Preparatory and Dual Enrollment (DE) credit at Scottsdale Community College (SCC). The course is divided into two semesters. DE Honors English 4 covers the requirements for ENG 101 and ENG 102 (First-Year Composition) for college credit. The primary purpose of English 101 is to help students conceptualize, organize, and compose their writing in order to most effectively communicate their ideas and prove their points to an audience. Through various readings and research, students will explore how authors convey messages about issues in our lives. Students will analyze the ideologies expressed in texts and consider the merit of each author's perspective; moreover, they will respond to texts in a way that shows their ability to synthesize different viewpoints with their own in order to construct a well-rounded, coherent argument. ENG 102 emphasizes and expands upon the necessary rhetoric and composition skills needed in college-level writing assignments with a focus on persuasive, research-based writing and a deeper understanding of writing as a process and a craft. Students will develop advanced writing strategies through four or more writing projects comprising at least 4,000 words in total by the end of the semester.

*****AP English (4) - Literature and Composition**

2 semesters - 1 credit. *Prerequisite: Completion of AP English 3 with B or better, or English 3DE with a B+ or better both semesters or completion of English 3 with an A both semesters, writing sample, and AP teacher approval. Transfer students will take a pre-test with an AP-style writing prompt to determine readiness for AP English courses before registration. Required: Completion of Honors Argumentation and Rhetoric.*

The AP Literature and Composition course is part of the Advanced Placement Program sponsored by the College Board. In this college level course, both poetry and prose are studied throughout the year. 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. Nightly reading is the norm and the range of works studied is wide and deep, ranging from Ancient Greece to the 20th century. Close reading includes the experience (subjective), interpretation (analysis), and evaluation (assessment and artistic achievement) of literature. Students will complete both multi-draft longer essays and in class timed writes throughout the year. Students are required to take the AP exam in May and are responsible for exam fees.

*****AP Seminar - STA Sophomore Required Course**

2 semesters – 1.0 credit. Elective (10). Placement determined by admissions portfolio. AP Seminar is a full-year course designed for highly motivated students. AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives.

Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Required for sophomore St. Thomas the Aquinas Scholars. Students are required to take the AP exam in May and are responsible for exam fees.

*****AP Research - STA Senior Required Course**

2 semesters - 1.0 credit. Elective (12) *Prerequisite: AP Seminar*

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. Required for senior St. Thomas the Aquinas Scholars.

*****Honors Argumentation and Rhetoric**

1 semester - 0.5 credit – Elective (10-12). *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.*

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. 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.

*****Creative Writing**

1 semester - 0.5 credit – Elective (10-12).

Creative writing is a semester course offering 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 critique process called workshopping. Students will also participate in discussions of the writer's craft based on group and independent reading assignments. Students will gain confidence in their 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. An equal emphasis will be placed on the student's own work and the work of his/her peers.

*****Film Critique A/B**

2 semesters - 1.0 credit – Elective (9-12) *Prerequisite: None.*

This year-long course is designed to give the student a basic "cineliteracy." Students will explore the major language systems and spectrum of techniques used by filmmakers in conveying meaning, all the while viewing, analyzing, critiquing, and appreciating several major works of the twentieth century. First semester students learn how to engage in close reading of films, the cinematic terminology associated with film, and begin to build a historical knowledge of the development of film and film history. Second semester students will learn the work of well-known directors of major films in film history, and they will learn to analyze techniques such as camera angles, lighting, sound and setting in films, and the rudiments of film and video production. Besides the daily viewing and critiquing of major films, students explore previsualization techniques such as storyboarding and screen writing in order to produce and direct a short film themselves. Consequently, students will concentrate on important filmmakers and video production. This major class project will take place in small groups. Students in Film Critique B will study six (6) components of film-making: dramatization, story, writing, ideology, critique, and synthesis. Using numerous film-clip examples as well as several full length films, students will learn the basics of film analysis and appreciation and the skills necessary to produce effective verbal and written critique of films as a piece of storytelling art.

*****Focus: Honors Seminar**

1 semester - 0.5 credit – Elective (11). *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.* By analyzing multiple perspectives of real-world topics and issues, students will engage in dynamic and interactive research-based conversations. Students will develop writing, presentation, and especially research skills in an interdisciplinary framework. These skills include finding and analyzing academic journal articles along with other advanced sources, as well as evaluating information, analyzing different perspectives, and crafting compelling evidence-based arguments. Work will be done individually and in groups, fostering a unique blend of independent thinking and teamwork.

*****Focus: Honors Research/Academic Writing**

1 semester - 0.5 credit – Elective (12). *Prerequisite: Completion of Focus: Honors Seminar with a B or better.*

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: Honors Research/Visual Arts and Humanities**

1 semester - 0.5 credit – Elective (12). *Prerequisite: Completion of Focus: Honors Seminar with a B or better AND at least two semesters of any of the following: Drawing 1, Drawing 2,*

Painting 1, Painting 2, Ceramics 1, Ceramics 2, Advanced Studio Art, Mosaics and Multimedia Studio Art with a B or better.

Focus Research: Visual Arts and Humanities 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, and present their findings and learning to an audience. Students will work on a research topic of their choice, write the paper, and create an original work of art that expresses the research.

*****Great Books**

1 semester - 0.5 credit – Elective (10-12). This class will explore classic and modern literature through discussion, research, and analysis. Participants will read assigned and group-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 canon. This class is for those students who enjoy reading and discussing how literature has helped shape our world.

*****Great Books – Asynchronous Online Course**

1 semester - 0.5 credit – Elective (10-12). *Counselor recommendation required.*

This course is Great Books for the 21st Century. Students will decide as a class which books to read, four total for the first four months of the semester. Books must have received a national award or recognition or some type of acclaim, which means it is more likely to become a modern-day classic—and one worth the time to read. For the last month, students will choose a project that highlights insights gained about life and literature. This course includes weekly Teams Book Club meetings, but the rest of the course will be asynchronous, including a weekly online discussion of plot/characters/themes/questions. The last class session of the week will include a short reflection: an insight or revelation from the book or learned from the class.

*****Journalism**

1 semester - 0.5 credit – Elective (10-12). Prerequisite: At least a B both semesters in English 1. This course introduces students to the foundations of journalism and allows students to practice skills necessary to communicate in the print or broadcast media. This course will prepare students interested in print or broadcast media for further studies, but will provide all students with the knowledge to interview effectively, write precisely, and think critically. Instruction will progress from a focus on interview techniques and the organization of a news story to exploring genres within journalistic writing such as Opinion, Feature, Sports, and Photojournalism. Students submit a 500 word story about every two weeks. This course is a great opportunity to learn tie management and interview and interpersonal skills while becoming more thoughtful writers. Some exceptional pieces may be published on the website or other online and print publications.

*****Digital Journalism**

1 semester - 0.5 credit – elective. *Prerequisite: Completion of Photojournalism or Broadcast 1, B or better in current English class. Can be repeated for credit. Satisfies year-long fine arts requirement if taken following Photojournalism or Broadcast 1. Cross-listed with English electives.*

This is an advanced course in writing and editing for the digital school newspaper. Skills include interviewing and fact-gathering, writing news, features, sports, and opinion pieces, including movie and restaurant reviews. Students in this course will examine how social media and new technologies have altered the reporter's toolkit. How is journalism offering exciting new opportunities? An examination of journalism ethics rounds out the course.

*****Photojournalism 1 - Asynchronous Online Course.**

1 semester - 0.5 credit – elective (9-12). *Counselor recommendation required.*

*Required: DSLR or point-and-shoot camera for Smartphone. **Cross-listed as English elective.***

Photojournalism introduces students to the world of photography and journalism, using digital images to tell a story. The different types of photojournalism will be studied: spot news, events, features, portraits, sports -- as well as nature (landscape and animal) photography, magazine photography, and basic video storytelling. Discussion topics will include photojournalism ethics and photojournalists as agents of social change. Work will include capturing people and events in and around NDP. How to take better photos with your Smartphone will be taught throughout the semester. There are no tests in this project-based class.

*****Photojournalism 2 - Asynchronous Online Course.**

1 semester - 0.5 credit – Elective (10-12) *Satisfies year-long Fine Arts requirement if taken following Photojournalism 1. Prerequisite: Photojournalism 1 and a DSLR or point-and-shoot camera for Smartphone. **Cross-listed as English elective.***

A continuation of Photojournalism 1, this class will review basic principles learned previously and explore new areas, including food and fashion photography and pictorial photojournalism, a new approach to photography that emphasizes beauty of subject matter, tonality, and composition rather than the documentation of reality to tell a story. A deeper dive into editing, color, and design techniques will help you to make your photos stand out. There are no tests in this project-based class. Students will have more ownership in their learning by creating during the month of May a topic they believe would be a beneficial photojournalism future module. The final project will be the creation of a portfolio of the students' best photographs. Photographs, standing alone or as a photo package, continue to provide photojournalists a uniquely powerful window onto the world in which we live.

*****Public Speaking**

1 semester - 0.5 credit – Elective (9-12).

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 may be provided with the opportunity to compete in local speech and debate contests through the Arizona Interscholastic Association.

Exceptional Education Courses

*****ARC (Academic Resource Center)**

1 semester - 0.5 credits - Pass/Fail - Elective (9-12). *Prerequisites: Students are enrolled in or transitioned from the Gonzaga program and/or have a Student Support Plan in place. May be repeatable for credit.*

This course combines knowledge on the concepts of executive function, metacognition, neurodiversity, and self-advocacy through practical application in the general curriculum. Rather than a "one-size fits all" approach, the goal is for each student to develop a better understanding of him/herself as a learner, acquire a toolkit of skills, and make strategic decisions about how and when to use the skills while working through their core academic courses. Teachers provide ongoing 1-1 coaching and feedback to support the development of skill development.

*****Gonzaga 9**

2 semesters - 1 credit - Pass/Fail

Open only to students in the Gonzaga Program.

This class provides support to students in English 1-Gonzaga and Algebra 1-Gonzaga.

*****Gonzaga 10**

2 semesters - 1 credit - Pass/Fail

Open only to students in the Gonzaga Program.

This class provides support to students in English 2-Gonzaga and Geometry-Gonzaga.

*****Peer Mentoring**

1 semester - 1 credit – Elective (10-12). Can be repeated for credit.

Peer mentors will accompany students with significant learning challenges due to disabilities.

Neurodiverse students will benefit from a peer who has taken the course, understands the student's learning differences, and can collaborate with the teacher to ensure curriculum modifications are made. Peer mentors will receive training on how to work with students in their courses and how to collaborate with the teacher of the course and teachers in the ARC to modify lessons as needed. Peer mentors will create written and verbal reflections which are discussed with the instructor each week. These discussions will provide feedback on specific questions related to mentoring, opportunities for reflection on mentoring, and the ongoing accommodations and modifications necessary for the student's success.

Fine Arts: Visual Arts Courses

Please note:

- Students are required to take **four semesters** of Fine Arts.
- At least one year-long or two semester courses must be **from the same discipline; for example: dance, music, theater, or visual arts.**

*****Drawing 1**

1 semester - 0.5 credit

Drawing 1 students are introduced to the universal elements of art and principles of design while developing their drawing skills. This a beginning class where students have a chance to explore a variety of media in order to practice rendering both realistic and creative drawing techniques. Students learn how to create value, line, texture, shape, form and composition with their artwork. Media used includes pencil, charcoal, colored pastel, pen and ink. Drawings might include but are not limited to still life, portraiture, and perspective. Students will also begin to respond, analyze, and interpret their artwork and the work of others using the vocabulary of the elements of art and principles of design.

*****Drawing 2**

1 semester - 0.5 credit. *Prerequisite: Completion of Drawing 1 with a C or better. Satisfies year-long fine arts requirement if taken following Drawing 1.*

Drawing 2 continues the development of technical and perceptual skills relating to the basic elements of design for the advanced artist. It encourages the use of a variety of materials and increasing levels of advanced content. Emphasis is given to personal thematic development and advanced skill building, especially important for students wishing to pursue more art classes. Media used could include charcoal, colored pastel, pen and ink, watercolor, acrylic ink, and linoleum block carving. Projects could include portrait, realism, abstraction, and larger sized works. Students will demonstrate their ability to respond, analyze, and interpret artwork through discussions and critiques.

*****Fabrics I**

1 semester - 0.5 credit – Elective (9-12) *Prerequisite: None.*

Students will be introduced to artmaking techniques related to fiber arts. The process of Japanese Shibori, printmaking on fabric and batik will be explored. Students will learn basic terminology and tools necessary for completing artwork using these processes. Through teacher-led demonstrations and videos, students will learn and execute fibers techniques in the construction of artworks that are specifically designed to focus on the surface treatment of fabrics. Students will learn and apply the Elements of Art and the Principles of Design as part of the design process. Students will learn how these processes play a role in the larger context of Art History. Students will also learn to analyze and interpret their own artwork and the works of others through critique and discussion.

*****Painting 1**

1 semester - 0.5 credit

This is an introductory class where students will learn a variety of painting techniques, basic color mixing, and methods of application of paint. Students will learn basic color theory, creative color wheels, color psychology and marketing trends. Paintings might include still life and

reproductions of famous masters' paintings, Catholic identity and other choice projects. Students will also do research on a favorite artist. This class is a must for students interested in art and design studies. The primary medium is acrylic paint.

*****Painting 2**

1 semester - 0.5 credit. *Prerequisite: Completion of Painting 1 with C or better. Satisfies year-long fine arts requirement if taken following Painting 1.*

Students will be introduced to advanced painting techniques and color theory while developing their individual strengths and style. Students will also learn about artists and their influence on the world. Painting 2 will challenge students to create larger works and develop their own portfolio of paintings. Projects may include still life, pop culture, Catholic identity, animals, portraits, and choice projects. Students will respond to, analyze, and interpret their own work and the work of others through critique and discussion. The primary media are acrylic paint and watercolor.

*****Advanced Studio Art**

1 semester - 0.5 credit. *Prerequisite: Completion of two sequential art classes (such as Drawing 1 and Drawing 2 with a grade of B or better) and instructor approval. Can be repeated for credit.*

This class is designed for the motivated art student who possesses a strong desire for an art-related career or who has a passion for the lifelong joy of art. Students will develop a competitive portfolio of artwork, develop their work thematically, and continue to work on the progression of their individual style and creative problem-solving skills. They will experiment with media, art concepts, discussion and critique as well as increase their knowledge of art history through this course. Media choices could include graphite, charcoal, watercolor, pastels, colored pencil, acrylic, and mixed media.

*****Ceramics 1**

1 semester - 0.5 credit

Students will be introduced to the nature, functions, and techniques of the art of ceramics. They will learn the basic terminology and tools of ceramics as well as the three hand-building techniques used to create functional and decorative works. Through teacher-led demonstrations and videos, students will learn and execute various techniques used in construction, decoration, and surface treatment of clay. The elements of art and principles of design will be learned as they apply to 3-D art. Students will also learn to analyze and interpret their own artwork and the work of others through critique and discussion.

*****Ceramics 2**

1 semester - 0.5 credit. *Prerequisite: Completion of Ceramics 1 with C or better. Satisfies year-long fine arts requirement if taken following Ceramics 1.*

Students will use the skills from Ceramics 1 to create larger and more advanced hand-built vessels and sculptures as well as learn to make a variety of forms on the potter's wheel (if conditions permit). They will perfect their techniques in the use of the elements of art and principles of design in the formation and surface treatment of their art. Craftsmanship and creativity will be the focus of their work, as well as the traditions of great ceramic artists from

past and present. Students will also analyze and interpret their own work and the work of others through critique and discussion.

*****Advanced Ceramics**

1 semester - 0.5 credit. *Prerequisite: Completion of Ceramics 1 and 2 with B or better. Can be repeated for credit.*

Students in this class will improve their skills from previous ceramics classes to create larger, more advanced, and challenging pieces. They may choose to spend most of their time on either hand building or wheel-throwing. Students will be encouraged to “think like an artist” as they build a portfolio of work based on a thematic approach. They will enlarge their views of the art world through discussions, art history, and critiques.

*****Multimedia and Mosaics 1**

1 semester - 0.5 credit. *Prerequisite: None.*

Students will be introduced to the elements of art and principles of design, especially as they relate to both 2-D and 3-D design. They will develop their creative skills using a variety of media and techniques, and they will learn the art of mosaics. The course will derive ideas from artists and art movements in history. Projects might include multimedia mosaics, traditional mosaics, relief sculpture, and multimedia 2-D design. Students can incorporate drawing, painting, ceramics, and design creatively as they model work from different art history movements. They will also participate in discussions and critiques of their work and the work of others.

*****Multimedia and Mosaics 2**

1 semester - 0.5 credit. *Prerequisite: Multimedia and Mosaics 1 (grade of C or better or instructor approval). Satisfies year-long fine arts requirement if taken following Multimedia and Mosaics 1.*

Students will use a variety of media and techniques to further explore the art world through the lens of traditional art such as mosaics and more modern, multimedia art movements from the twentieth and twenty-first century. They will experiment with 2-D and 3-D design and build upon their own personal interpretations of thematic ideas based on art history. This course will provide the opportunity for students of all skill levels in the traditional arts of drawing and painting to advance and develop their artistic visions with multiple types of materials. Students will use mosaic tiles, drawing, painting, ceramics, and more. They will participate in discussions and critiques of their work and the work of others that will enhance their knowledge of art and its role in our world.

*****Digital Photography 1**

1 semester - 0.5 credit. ***Cross-listed with Technology.*** *Students must declare whether the course will count as Fine Arts or Technology credit.*

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.

*****Digital Photography 2**

1 semester - 0.5 credit – Elective (9-12) *Prerequisite: Digital Photography 1. **Cross-listed with Technology.** Students must declare whether the course will count as Fine Arts or Technology credit.*

Digital Photo II will build upon the skills in which students gained in Digital Photo I such as photographic techniques and using technology such as Photoshop and Bridge. This course will advance those techniques by challenging the students in more rigorous ways, improving techniques used for focusing, framing, and using light.

*****School Media**

1 semester - 0.5 credit – Elective (10-12) *Prerequisite: Digital Photography 2. **Cross-listed with Technology.** Students must declare whether the course will count as Fine Arts or Technology credit.*

Students will use their photographic, video, and English skills to cover and report on school events. Events include sporting events, pep rallies, MASS, NHS, classroom activities (from all departments), school dances, Freshman Plunge, Shadow Day, etc. Photos and stories created in this class may be published in school newsletters, webpages, print publications, online galleries, etc. This course will teach students how to photograph, interview, and write as a journalist.

*****Intro to Videography**

1 semester - 0.5 credit – Elective (10-12) *Prerequisite: Digital Photo 1*

This one-semester course is an entry-level, hands-on class to familiarize and enable students to use basic video/film/audio production. Students will use their basic photography and Adobe skills from Digital Photo I and apply it to video and editing. The course is for students who wish to develop the ability to capture video and audio as well as create and edit those two elements together to tell a story. Using classic, modern, and original techniques and theory, students will learn the essentials in creating, editing, and dissemination of video projects. During the course each student will learn how to operate a video camera, understand basic principles of capturing video and audio and how to narrate a story by combining video and audio. Students can focus on live events, staged events, and news-like productions.

*****Advanced Animation AND 3-D Motion/Independent Study**

1 semester - 0.5 credit – Elective (9-12) *Prerequisite: Animation and 3-D Motion.*

Students will compare various styles of animation and will create and develop more comprehensive characters, storyboards, and elaborate environments to be animated. Writing and editing script for a specific audience will be practiced. Sound and audio files will be created, and edited for special effects.

*****Filmmaking 101**

2 semesters - 1.0 credit – Elective (9-12) *Prerequisite: None. Recommended (not required) courses that provide helpful background include journalism, broadcast journalism, screenwriting. Students who do not have this experience may apply by indicating experience with video/film and provide recommendation from teacher or advisor.*

Students will begin this year-long course by gaining background in film crew jobs (director, writer, producer, cinematographer, and editor) and the basics of film production (writing, developing, preparing, shooting, editing, and distribution). In the second semester, students will strengthen camera skills and learn more about documentaries & copyright laws. Students will create a variety of “shorts” (short films), including silent films, commercials, music videos, promotional videos and more. They will learn the process required to create films, from start to finish including: planning, research, location, lighting, blocking, directing, storyboarding, copyright, green-screen, editing, distribution and more. Students will participate in group critiques for each project, learning from each other. Students will also be exposed to other award-winning student work, learning from them, plus engage in dialogue with industry professionals. Students will create a digital portfolio of their work at the end of each semester and will have opportunities to enter their work in a variety of contests.

*****Digital Painting**

1 semester - 0.5 credit. **Cross-listed with Technology.** *Students must declare whether the course will count as Fine Arts or Technology credit.*

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 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 in the class as the semester progresses.

*****Introduction to Graphic Design**

1 semester - 0.5 credit – Elective (9-12).

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

Cross-listed with Technology. *Students must declare either fine arts or technology credit.*

This course encourages students to use computer-based tools to explore creative uses of technology to produce graphic art. Students learn Illustrator 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. Students will also 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.

*****Yearbook/Desktop Publishing 1**

2 semesters - 1 credit – Elective (11-12). *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.* **Cross-listed with Technology.** *Students must declare either fine arts or technology credit.*

Students will learn and apply the principles of visual arts (composition, elements of visual arts, and design) and the elements of digital photography for 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/Desktop Publishing 2**

2 semesters - 1 credit – Elective (12). *Prerequisite: Yearbook/Desktop Publishing 1.*

Cross-listed with Technology. *Students must declare either fine arts or technology credit.*

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.

*****Broadcast 1: Intro to Broadcast Journalism**

2 semesters - 1.0 credit – Elective 10-12). *Prerequisite: B or better in English.*

Cross-listed with Technology. *Students must declare whether the course will count as Fine Arts or Technology credit.*

This is a unique opportunity for students to write scripts for NDP Live Announcements and also focus on learning skills for being on-camera. This introductory course focuses on writing scripts, editing, and presenting on camera. Additional video requests, special projects and NDP Live video announcements will be introduced.

*****Broadcast 2: Broadcasting and Video Production Advanced**

2 semesters - 1.0 credit – Elective. *Prerequisite: Photojournalism or Broadcast 1. Satisfies year-long fine arts requirement.* **Cross-listed with Technology.** *Students must declare whether the course will count as Fine Arts or Technology credit. Required: A minimum 500GB USB passport drive.*

This is a continuation advanced course for students who want to be either behind or in front of the camera with NDP Live. The course builds on the foundational skills in shooting video, synthesizing composition, and producing video communications. Students will continue to 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 and develop 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. Students 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. Students will also create a digital portfolio to display all their work.

*****Advanced Video Production**

1 semester - 0.5 credit – elective. Only offered second semester. *Prerequisite: Completion of Broadcast 1 and 2. Can be repeated for credit.*

Required: A minimum 500GB USB passport drive.

This course will enhance the students' video editing and equipment use. Students will learn advanced video techniques by utilizing features of the camera, lighting, digital imaging, importing/exporting graphics, movies, animations, sound synchronization and other sound effects. Skills learned will include commercial making, marketing, music, and creating videos for classroom projects. Students will also create an advanced digital portfolio to display all their work.

*****Digital Journalism**

1 semester - 0.5 credit – elective. *Prerequisite: Completion of Photojournalism or Broadcast 1, B or better in current English class. Can be repeated for credit. Satisfies year-long fine arts requirement if taken following Photojournalism or Broadcast 1. Cross-listed with English electives.*

This is an advanced course in writing and editing for the digital school newspaper. Skills include interviewing and fact-gathering, writing news, features, sports, and opinion pieces, including movie and restaurant reviews. Students in this course will examine how social media and new technologies have altered the reporter's toolkit. How is journalism offering exciting new opportunities? An examination of journalism ethics rounds out the course.

*****Photojournalism 1 - Asynchronous Online Course.**

1 semester - 0.5 credit – elective (9-12). *Counselor recommendation required.*

Required: DSLR or point-and-shoot camera for Smartphone. Cross-listed as English elective.

Photojournalism introduces students to the world of photography and journalism, using digital images to tell a story. The different types of photojournalism will be studied: spot news, events, features, portraits, sports -- as well as nature (landscape and animal) photography, magazine photography, and basic video storytelling. Discussion topics will include photojournalism ethics and photojournalists as agents of social change. Work will include capturing people and events in and around NDP. How to take better photos with your Smartphone will be taught throughout the semester. There are no tests in this project-based class.

*****Photojournalism 2 - Asynchronous Online Course.**

1 semester - 0.5 credit – Elective (10-12) *Satisfies year-long Fine Arts requirement if taken following Photojournalism 1. Prerequisite: Photojournalism 1 and a DSLR or point-and-shoot camera for Smartphone. Cross-listed as English elective.*

A continuation of Photojournalism 1, this class will review basic principles learned previously and explore new areas, including food and fashion photography and pictorial photojournalism, a new approach to photography that emphasizes beauty of subject matter, tonality, and composition rather than the documentation of reality to tell a story. A deeper dive into editing, color, and design techniques will help you to make your photos stand out. There are no tests in this project-based class. Students will have more ownership in their learning by creating during the month of May a topic they believe would be a beneficial photojournalism future module. The final project will be the creation of a portfolio of the students' best photographs. Photographs,

standing alone or as a photo package, continue to provide photojournalists a uniquely powerful window onto the world in which we live.

Fine Arts: Performing Arts Courses

*****Guitar 1**

1 semester - 0.5 credit. 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 - 0.5 credit. *Prerequisite: Completion of Guitar 1. Required: An acoustic guitar. Satisfies year-long fine arts requirement if taken following Guitar 1.*

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 fretboard 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 - 0.5 credit. *Prerequisite: Completion of Guitar 2 or instructor approval via audition. Satisfies year-long fine arts requirement if taken following Guitar 1/2.*

Required: An acoustic guitar.

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 4 (Advanced Improvisation)**

1 semester - 0.5 credit (S2 only) elective. *Prerequisite: Completion of Guitar 1, Guitar 2, Advanced Guitar, and/or instructor approval/audition.*

Guitar 4 Advanced Improvisation is a course designed for the advanced guitar player looking to improve their skills and technique in scales, theory, chord and song formulas as well as improvisational concepts in the genres of jazz, rock, and funk idioms. One final project is due at the end of the semester. There will be weekly performance opportunities during the class as well.

*****Honors Guitar Orchestra**

2 semesters - 1 credit. Dual Enrollment option. *Prerequisite: Completion of Guitar I. Music reading proficiency. Can be repeated for credit. Satisfies year-long fine arts requirement.*

Required: An acoustic guitar.

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.

*****Honors Jazz Ensemble**

2 semesters - 1 credit. *Prerequisite: Audition required. Can be repeated for credit. Satisfies sequential fine arts requirement.*

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.

*****Honors Brass Ensemble**

1 semester - 0.5 credit. *Prerequisite: Intermediate instrument experience.*

In this class, students learn about and practice performing 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 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.

*****Honors String Orchestra**

2 semesters - 1 credit. *Prerequisite: Previous experience with musical instrument and audition with instructor. Satisfies year-long fine arts requirement because the course is two semesters.*

String 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. Honors String Orchestra will perform outside of class on a regular basis.

*****Piano 1**

2 semesters - 1.0 credit – Elective (9-12) *Prerequisite: None.*

This course is for students who wish to learn to play piano in a group setting. Little to no experience is required as the course starts with training in basic skills. Students will learn beginning keyboard technique, music theory, note reading, and repertoire on an individual keyboard console. Students should be able to play simple melodies with a left-hand chorded accompaniment by the end of the first nine weeks of the course and continue their studies with intermediate level music on the piano by the end of the second nine weeks.

*****Piano 2**

2 semesters - 1.0 credit – Elective (9-12) *Prerequisite: Audition*

This course will build on skills and knowledge from beginner piano. Students will achieve greater technical proficiency, interpretive skills and good musicianship. This course will emphasize all qualities of triads and seventh chords, playing from lead sheets and development of a widening repertoire that includes Jazz, Blues and contemporary music. Students will achieve greater technical proficiency, interpretive skills, and good musicianship in solo ensemble playing and develop a widening repertoire and enjoy increased opportunities to perform.

*****Dance 1**

1 semester - 0.5 credit. *Prerequisite: Completion of physical prior to beginning of class.*

Course fee: \$50.00 for costumes

This course is for beginner 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. Students will also learn the history of jazz, hip hop and Broadway dance. The class will participate in a mandatory dance concert at the end of each semester.

*****Dance 2**

1 semester - 0.5 credit. *Prerequisite: Dance 1 or instructor approval. Completion of physical prior to beginning of class. Can be repeated for credit. Will be offered both fall and spring. Satisfies year-long fine arts requirement when taken following Dance 1.*

Course fee: \$75.00 for costumes

Dance 2 is designed for students with some dance training. Students will study ballet, contemporary and jazz dance. Students will learn partnering and improvisational skills along with building on their choreography skills. Students will have a foundational knowledge of the history of contemporary dance. Students will be expected to participate daily in class, learn new movements and work on choreography projects. The class will participate in a mandatory dance concert at the end of each semester.

*****Honors Dance Company – Advanced**

2 semesters - 1.0 credit. *Prerequisite: Audition or instructor approval. Can be repeated for credit. Satisfies year-long fine arts requirement when taken for full year (two semesters).*

Course fee: \$100.00 for costumes

This class is for advanced dancers. Throughout this course, students will be challenged 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.

*****Choreography for the Camera**

1 semester – 0.5 credit (10-12). This is only offered in the fall semester. *Prerequisite: Dance 2, Dance Company, or previous dance experience.*

Cross-listed with Technology. *Students must declare whether the course will count as Fine Arts or Technology credit.*

Students will learn and develop their choreography skills for the camera. They will learn how to use Adobe's Premier Pro to edit their videos. Students will be expected to create numerous site-specific dance videos throughout the semester that will develop their ability to tell a cinematic story through dance.

*****Introduction to Theatre Arts**

1 semester - 0.5 credit. *Satisfies year-long fine arts requirement if taken with Public Speaking or Advanced Theatre Arts.*

This one-semester course is an introduction to theatre arts, the skills of acting, and to basic performance practices. No previous performance experience is necessary. From onstage to backstage, theatre helps students build real-world skills for a lifetime; public-speaking experience, self-confidence, a sense of community and cooperation, motivation and commitment, respect for colleagues, and compassion for differences. Through theatre games, improvisation, play readings, and principles of production, students come to understand the relationship between theatre and other disciplines, and the importance of creative problem-solving, one of the most sought-after skills in today's job market. Students will participate in a mandatory department showcase at the end of the semester.

*****Honors Advanced Theatre Arts**

1 semester - 0.5 credit. *Prerequisite: Completion of Introduction to Theatre Arts or instructor approval. Can be repeated for credit. Satisfies year-long fine arts requirement if taken following Introduction of Theater Arts.*

This is an intermediate acting class for students with previous stage experience or for those who have satisfactorily completed Acting 1. The goal is self-discovery through the creative process. In addition to essential ensemble-building, this class will compare plays and playwrights from different periods and styles to build an appreciation of theatre as both an actor and as an audience member. This class also includes improvisation, principles of directing, and an introduction to Musical Theatre. 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.

*****Honors Saints Theater Company**

2 semesters - 1.0 credit – Elective (11-12) *Prerequisite: None.*

Saints Theater is a full-year elective where students interested in acting, directing, designing, and playwriting come together to produce a full length play. This is meant to be an honors elective and is intended for those who desire for a career in theater and want to build their portfolios for college auditions or in order to enter into residency at a theater out of high school. Students in the troupe work in residency together to produce short plays and a full length play at the end of the school year. The design of this course is based on professional residency theaters

like Steppenwolf in Chicago where you have a collective of actors, directors, designers, and playwrights working together toward the goal of producing plays and theatrical experiences.

*****Playwriting, Screenwriting, and Directing**

1 semester - 0.5 credit (9-12). *Prerequisite: None.*

Playwriting, Screenwriting, and Directing is designed to teach students the art of dramatic writing for stage and film as well as how to effectively implement a script primarily as a stage director. Students learn about play and film structure through analyzing films, recorded plays, and reading scripts. Students also develop dramatic writing skills in order to craft their own scripts. At the end of the semester the students will present their scripts in a live reading to be presented as part of the performing arts night. Throughout the semester students will have the opportunity to submit their scripts for playwriting competitions around the country.

*****Advanced Playwriting, Screenwriting, and Directing**

1 semester - 0.5 credit – Elective (10-12) *Prerequisite: Playwriting, Screenwriting & Directing.*

Advanced Playwriting, Screenwriting, and Directing is a one semester course that builds upon the foundations learned in Playwriting, Screenwriting, and Directing. Students take the fundamentals from that course and implement them to craft longer form plays, screenplays, and how to produce and direct a full length play. At the end of the semester students will either pitch their full length screenplays to a live audience or pitch a stage play production at the Fine Arts Drama night.

*****Basic Staging and Technical Design**

1 Semester - 0.5 credit - Elective (9-12).

This course focuses on the foundations of design and introduces students to the world stage and technical design. Students apply design concepts to topics including set, costume, hair, make-up, and prop design. Students interpret the written word of plays into tactile design elements in order to bring a production to life on stage. Through analysis, interpretation, and creation students will gain the necessary skills to begin their journey in the design world of theater.

*****Advanced Staging and Technical Design**

1 Semester - 0.5 credit - Elective. May be repeatable for credit.

This course expands upon the foundation created in Basic Staging and Technical Design. Students are introduced to sound and lighting design as well as deepening their skills and knowledge of set, costume, hair, make-up, and prop design. Students have the opportunity to specialize in a particular type of stage design in order to hone their skills. Through analysis, interpretation, and creation students will develop their skills in order to enter into the collegiate or professional world of theatrical design.

*****Honors Bella Voce (Women's Chorus)**

2 Semesters - 1 credit. (9-12). *Prerequisite: None. Satisfies year-long fine arts requirement because the course is two semesters.*

New Member Course Fee: Attire Expense of \$50-\$100

This course is a beginner-level choir. This performance-based class is for students of all ages who want to learn more about singing. Students will learn basic vocal technique, sight reading skills and introductory 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.

*****Honors Saints Chorale (Honors Choir)**

2 Semesters - 1 credit. (10-12). *Prerequisite: Two semesters of high school choir or by audition and teacher recommendation. Satisfies year-long fine arts requirement because the course is two semesters.*

New Member Course Fee: 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. Performances may include off-campus events.

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

1 semester - 0.5 credit (10-12). 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.

*****Rock Music and Culture – DE**

1 semester - 0.5 credit (10-12). Dual Enrollment option

This course is devoted to understanding the cultural, social, political, and economic conditions that shaped popular music in America through the twentieth and twenty-first centuries. By the completion of this course all students should be able to explain the development of popular music in the United States noting important contributors, controversies and contradictions; outline the roots, influence, and impact of rock music on our society; as well as identify influential individuals and representative songs connected with the development of American popular music.

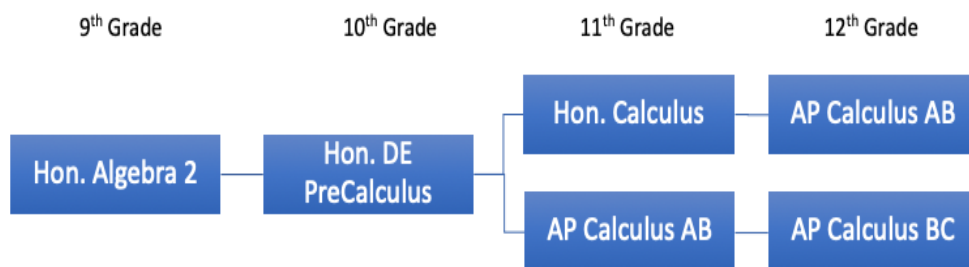
Mathematics Courses

Math Scope and Sequence: There are several math pathways at NDP depending on student placement test results. Review carefully to plan schedules accordingly.

Please note:

- Students are required to be in a math class every year at NDP.
- Honors PreCalculus and Honors Calculus has a Dual Enrollment (DE) option.
- With Department Chair approval, a student may be able to accelerate through math classes by taking summer school.





***Algebra 1 – Gonzaga Program

2 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.

***Honors Algebra 1

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: 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 the study of Euclidean Geometry. The curriculum aims to develop logical reasoning and to affirm the continuity of the mathematical system. The major studies will include deductive reasoning and proofs, the properties of angles, parallel and perpendicular lines, congruent and similar triangles, special quadrilaterals, characteristics of circles, the areas of polygons, the surface area and volume of solids, coordinate geometry and basic trigonometry.

*****Honors Geometry**

2 semesters - 1 credit. Incoming freshmen: placement by admissions portfolio. *Prerequisite: Completion of Algebra 1 with an A each semester or Honors Algebra 1 with a B or better each semester.*

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: Geometry.*

This course is based on the basic axioms of algebra. The curriculum aims to develop logical reasoning and to affirm the continuity of the mathematical system. The major studies will include applying Algebraic Linear Equations, Inequalities Functions and Systems in one and two variables. Solving and graphing Quadratic, Exponential, Logarithmic and Rational Functions. Counting Methods, Probability, Data Analysis, and Statistics will be applied and modeled.

*****Honors Algebra 2**

2 semesters - 1 credit. *Prerequisite: Completion of Geometry and Algebra 1 with an A each semester or Honors Geometry and Honors Algebra 1 with a B or better each semester.*

The curriculum aims to develop logical reasoning and to affirm the continuity of the mathematical system. The major studies will include applying Algebraic Linear Equations, Inequalities Functions and Systems in one and two variables. Solving and graphing Quadratic, Exponential, Logarithmic, Rational, Conic, and Trigonometric Functions.

*****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 with a B- or better each semester.* 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.

*****DE Honors Pre-Calculus**

2 semesters - 1 credit. Dual Enrollment option. *Prerequisite: Completion of Honors Algebra 2 with a B or better each semester.*

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 focuses 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.

*****AP Statistics**

2 semesters - 1 credit. *Prerequisite: Completion or concurrent enrollment in Pre-Calculus OR a senior that completed Algebra 2.*

The AP Statistics course is part of the Advanced Placement Program sponsored by the College Board. AP Statistics is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. Students are required to take the AP exam in May and are responsible for exam fees.

*****DE Honors Calculus**

2 semesters - 1 credit. Dual-enrollment option. *Prerequisite: Completion of Pre-Calculus with an A or DE Honors Pre-Calculus with a B or better each semester.*

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. Conceptual reasoning and problem-solving skills are emphasized. This course is not intended as preparation for the Advanced Placement Calculus exam; however, a dual enrollment option is available.

*****AP Calculus (AB)**

2 semesters - 1 credit. *Prerequisite: Completion of DE Honors Pre-Calculus with a B+ or better each semester.*

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 each semester, or DE Honors Pre-Calculus with an A each semester 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.

*****Math and Money Management**

1 semester - 0.5 credits – elective (12).

This course focuses on real-world applications of mathematics. Students apply math concepts to topics including personal income, taxes, savings, loans and payments, car leasing and purchasing, home mortgages, retirement planning and more. Through problem solving, communication, quantitative reasoning skills and mathematical connections, students will gain the confidence and knowledge necessary to begin their journey towards financial success.

Physical Education Courses

*****Personal Health and Wellness**

2 semesters - 1 credit. Required course: Open to freshmen only.

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.

*****Athletic Personal Health and Wellness**

2 semesters - 1 credit. Fulfills Health requirement for freshmen.

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 strength training, 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.

*****Team Sports**

1 semester - 0.5 credit. (10-12). *Prerequisite: Completion of Personal Health and Wellness/PE. 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, pickleball, badminton, among other sports. The course grade is based upon a student's participation.

*****Weight Training**

1 semester - 0.5 credit. (9-12). *Prerequisite: Completion of Personal Health and Wellness/PE. Can be repeated for credit.*

Required: Discuss with your counselor if you are in a current sports season or if a sport requirement.

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 and Pilates**

1 semester - 0.5 credit. (10-12). *Prerequisite: Completion of Personal Health and Wellness/PE. Can be repeated for credit.*

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 instruction 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. The course grade is based upon a student's participation.

*****Sports Medicine 1-2**

2 semesters - 1 credit (10-12). *Prerequisites: Completion of Health/Personal Health and Wellness, and Biology. Biology may be taken concurrently. Sophomores are encouraged to take this course to prepare for Sports Medicine 3-4.*

Recommended: First Aid/CPR training

In this course, students will learn the basics of anatomy, physiology, biomechanics, kinesiology, general nutrition, and basic athletic training procedures. Instructional materials and activities support attainment of National Safety Council, American Sports Medicine Association, and The National Athletic Trainers' Association industry standards. Lab sessions cover training-room operations, taping and wrapping, athletic injury assessment, advanced First Aid, use of heat and cold modalities, record-keeping, rehabilitation, and time management skills.

*****Sports Medicine 3-4**

2 semesters - 1 credit (11-12). *Prerequisite: Completion of Sports Medicine 1-2. Instructor approval.*

Recommended: First Aid/CPR training

In this course, students will build upon those attained in Sports Medicine 1-2. Students will learn rehabilitation strategies, indications and contraindications of modalities, advanced nutrition, myology (muscle physiology), protocols, and others. Also included are job shadow and internship opportunities. Extended hours are required per instructor's specifications.

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

1 semester - 0.5 credit - (10-12). *Prerequisite: Completion of Personal Health and Wellness/PE and permission of instructor/coach. Open to freshmen with instructor and coach's approval. Fall and Spring period 8 only. Can be repeated for credit.*

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 - 0.5 credit - Pass/Fail (10-12). *Prerequisite: Completion of Personal Health and Wellness/PE and permission of instructor/coach. Open to freshmen with instructor and coach's approval. Can be repeated for credit.*

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 - 0.5 credit (10-12). *Prerequisite: Completion of Personal Health and Wellness/PE and permission of instructor/coach. Open to freshmen with instructor and coach's approval. Can be repeated for credit.*

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 - 0.5 credit - Pass/Fail (10-12). *Prerequisite: Completion of Personal Health and Wellness/PE and permission of instructor/coach. Open to freshmen with instructor and coach's approval. Fall and Spring period 8 only. Can be repeated for credit.*

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 - 0.5 credit - Pass/Fail (10-12). *Prerequisite: Completion of Personal Health and Wellness/PE and permission of instructor/coach. Open to freshmen with instructor and coach's approval. Fall and Spring period 8 only. Can be repeated for credit.*

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 - 0.5 credit - Pass/Fail (10-12). *Prerequisite: Completion of Personal Health and Wellness/PE and permission of instructor/coach. Open to freshmen with instructor and coach's approval. Fall and Spring period 8 only. Can be repeated for credit.*

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.

*****Advance Physical Education-Cheerleading**

2 semesters - 1.0 credit – Pass/Fail (9-12) *Prerequisite: Completion of Personal Health and Wellness/PE and permission of instructor/coach. Open to freshmen with instructor and coach's approval. Can be repeated for credit.*

Students will possess the ability to work collaboratively and build healthy relationships with individuals and in groups. Workouts will increase physical competence in 10 fitness domains: Cardiovascular and Respiratory Endurance, Stamina, Strength, Flexibility, Power, Speed, Coordination, Agility, Balance, and Accuracy. As well as working on stunting, tumbling and dance skills.

*****Softball Weight Room**

1 semester - 0.5 credit – Pass/Fail (9-12) *Prerequisite: Completion of Personal Health and Wellness/PE and permission of instructor/coach. Open to freshmen with instructor and coach's approval. Can be repeated for credit.*

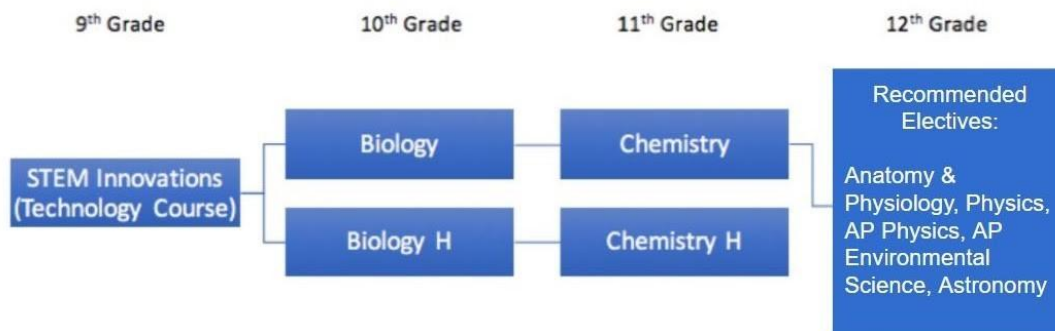
Students will possess the ability to work collaboratively and build healthy relationships with individuals and in groups. Workouts will increase physical competence in 10 fitness domains: Cardiovascular and Respiratory Endurance, Stamina, Strength, Flexibility, Power, Speed, Coordination, Agility, Balance, and Accuracy. You will also learn the safety principles of weight training and conditioning. Emphasis will be placed on the proper techniques of weight training and conditioning.

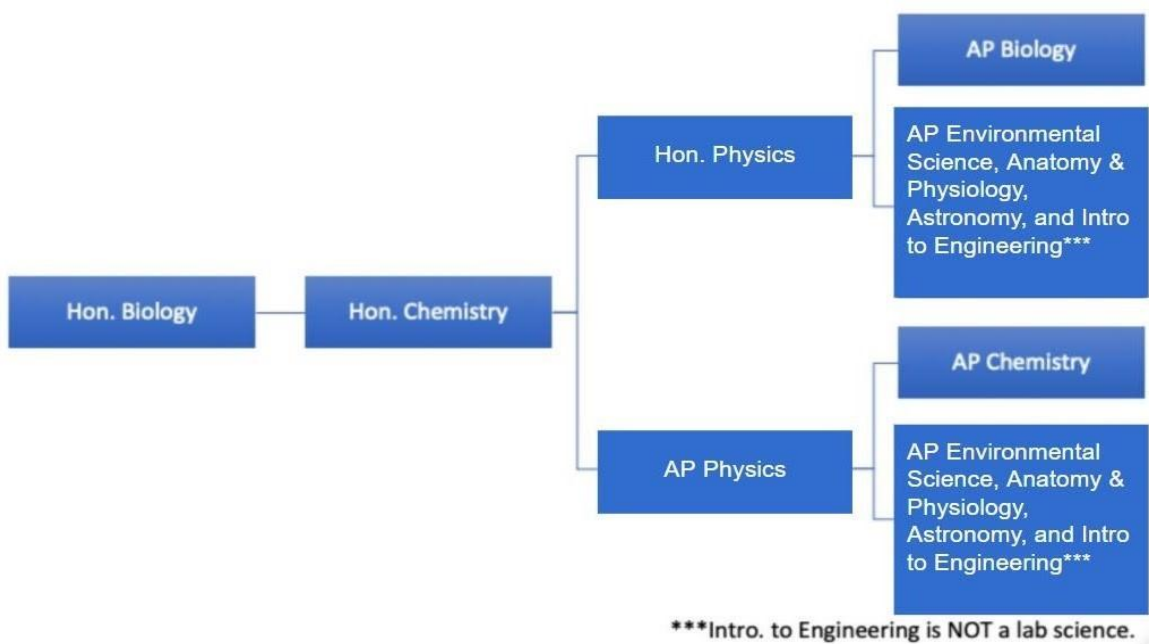
Science Courses

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

Please note:

- Review grade requirements for advancing to higher levels.
- Students should review Required Elective offerings in the Course Description Guide.
- For Class of 2026 and beyond: Students must take Foundations of Applied Physics/STEM or Physics, Biology, Chemistry, and one required elective of his or her choosing during senior year. Please note that Physics or Foundations of Applied Physics/STEM is a requirement to graduate. **(4 credits total)**
- For Class of 2025: Students must take Foundations of Applied Physics/STEM or Physics, Biology, and Chemistry. It is recommended that students choose a Science elective their senior year. Please note that Physics or Foundations of Applied Physics/STEM is a requirement to graduate. **(3 credits total)**
- For Class of 2024: Students must take Foundations of Applied Physics/STEM, Biology, and Chemistry. It is recommended that students choose a Science elective their senior year. **(3 credits total)**





***Foundations of Applied Physics STEM

2 semesters - 1 credit. Required for all freshmen unless placed into Honors Biology or PLTW Biomedical Science Cohort.

An active approach to problem solving, scientific reasoning and engineering design are at the core of this lab science course. Students will use algebraic physics and chemistry concepts as they apply knowledge to synthesize solutions, create models and solve real-world problems. Different technology tools are embedded throughout the class to enhance scientific communication. Course content includes: forensics, matter, 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.

***Honors Principles of Biomedical Science (PLTW)

2 semesters - 1.0 credit – (9th grade) 4- year Science Cohort Program. *Prerequisite: None.* Principles of Biomedical Science (PBS) is a full-year high school course in the Project Lead The Way (PLTW) Health Sciences Program. This course is designed for freshmen and serves to provide foundational knowledge and skills in fields such as biology, anatomy & physiology, genetics, microbiology, and epidemiology as well as engage students in how this content can be applied to real-world situations, cases, and problems. Through both individual and collaborative team activities, projects, and problems, students will tackle real-world challenges faced by biomedical professionals in the field. They will work with the same tools and equipment used in hospitals and labs as they engage in relevant hands-on work. Students will develop skill in technical documentation to represent and communicate experimental findings and solutions to problems. In addition, students will explore how connections to other disciplines such as computer science and engineering shape the future of medicine and practice collaboration techniques that will help them connect with professionals across any field. This is the first course

in a series of 4 for students with a strong interest in health science careers. This course is considered a lab science for freshmen.

*****Biology**

2 semesters - 1 credit. *Prerequisite: Completion of Physical Science/Applied Physics/STEM or admissions portfolio.*

The course covers the general spectrum of biology, including but not limited to introductory biology concepts, chemistry of life, cell structure and function, genetics, and ecology. It includes laboratory procedures and investigations that provide a hands-on experience of topics covered in class. Students will be expected to complete one or more projects. Lab skills will be stressed.

*****Honors Biology**

2 semesters - 1 credit. *Prerequisite: Completion of Physical Science/Applied Physics/STEM with an A both semesters or by admissions portfolio.*

In-depth studies of the standard spectrum of biology are explored and lab skills are stressed. Topics include, but are not limited to: introductory biology concepts, chemistry of life, cell structure and function, genetics, and ecology. 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.

*****AP Biology**

2 semesters - 1 credit. *Prerequisite: Completion of Honors Biology and Honors Chemistry with a B+ or better each semester or completion of Biology and Chemistry with an A both semesters.*

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. As an applied math class, this course also includes mathematical problem solving. Students will be required to keep a lab notebook and will be required to design and carry out laboratory experiments.

*****Honors Chemistry**

2 semesters - 1 credit. *Prerequisite: Completion of Honors Biology with a B or better each semester or Biology with an A both semesters. Students must also earn a B or better both*

semesters in Honors Geometry or an A both semesters in Geometry OR be concurrently enrolled in Geometry WITH an A both semesters in Algebra I or a B both semesters in Honors Algebra I. 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. Students will be expected to keep a lab notebook and to produce projects and design experiments.

*****AP Chemistry**

2 semesters - 1 credit. *Prerequisite: Completion of Honors Chemistry with a B+ or better both semesters or Chemistry with an A both semesters 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, and waves.

*****Honors Physics**

2 semesters - 1 Credit. *Prerequisite: Open to juniors and seniors who have completed Honors Chemistry with a B or higher both semesters or Chemistry with an A both semesters who have completed Honors Algebra 2 with B+ or better both semesters and will be concurrently enrolled in Pre-Calculus or higher and have a teacher recommendation.*

This advanced course involves a more rigorous application of mathematics to mechanics. The class involves frequent labs with appropriate reports/presentations. Topics include: Motion, Force, Work, Energy, Momentum, Circular Motion, and Waves. This is for the student who is preparing for a college major in science.

*****AP Physics 1**

2 semesters - 1 credit. *Prerequisite: Honors Physics, B or better both semesters in all Honors science and math courses through Honors Pre-Calculus OR an A both semesters in all science and math courses through Pre-Calculus.*

The AP Physics 1 course is part of the Advanced Placement Program sponsored by the College Board. 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. 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 year-long 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. Classroom learning is accompanied by required laboratory dissection.

*****Honors Anatomy and Physiology**

2 semesters - 1 credit. *Prerequisite: Completion of Biology and Chemistry with an A both semesters or Honors Biology and Honors Chemistry with a B or better both semesters.*

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.

*****Astronomy**

2 semesters - 1 credit. *Prerequisite: Completion of Biology and Chemistry.*

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 understanding of how these forces affect the Earth.

*****AP Environmental Science**

2 semesters - 1 credit. *Prerequisite: Open to juniors and seniors who have completed Biology and Chemistry with an A both semesters or Honors Biology and Honors Chemistry with an A both semesters OR teacher recommendation.*

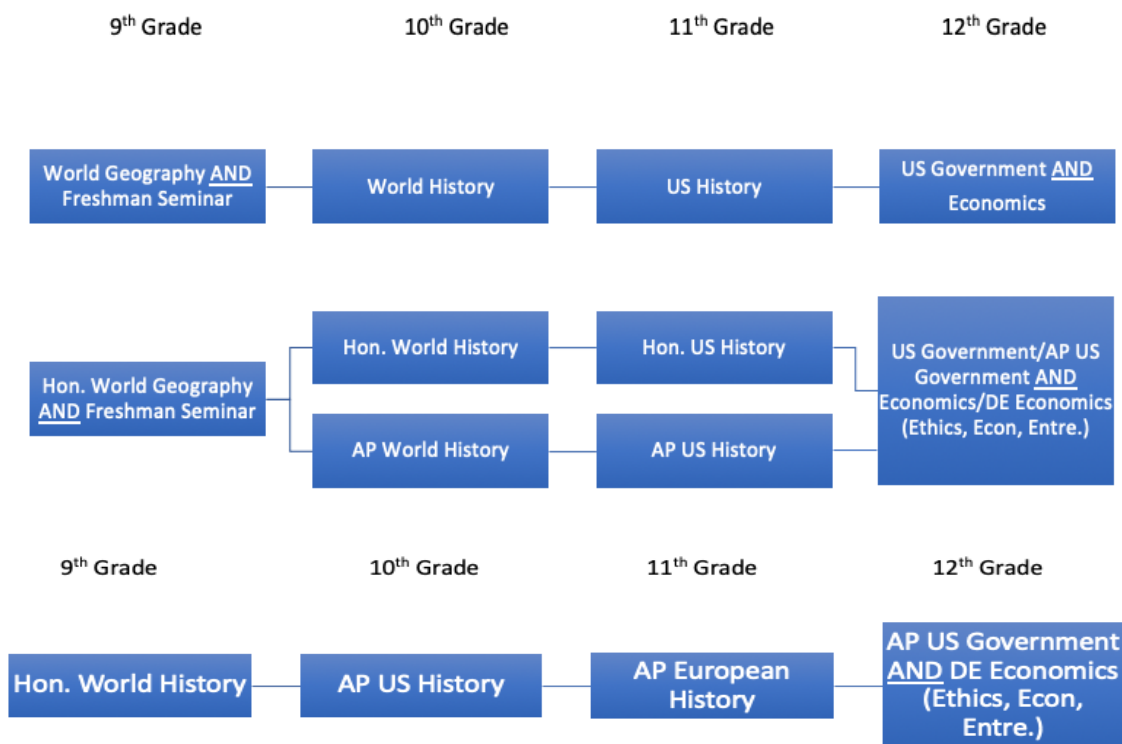
The AP Environmental Science course is part of the Advanced Placement Program sponsored by the College Board. Students will use scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and 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 Courses

Social Studies Scope and Sequence: There are several social studies pathways at NDP depending on student placement test results. Review carefully to plan schedules accordingly.

Please note:

- Review grade requirements for advancing to higher levels.
- Economics and Honors U.S. History has a Dual Enrollment (DE) option.



***Freshman Seminar

1 semester - 0.5 credit. Required for all freshmen..

This course has been designed to equip students with the skills necessary to establish a successful middle school to high school transition and beyond. Students will learn both personal and academic skills to help them navigate the social and academic aspects of high school in order to be a successful, contributing member of both the NDP community and beyond. Major topics to be covered are: organization, time management, note taking, study skills, college preparation, career and life skills.

***World Geography

1 semester - 0.5 credit. Placement determined by admissions portfolio.

This course focuses on the themes of geography (location, place, movement, region and relationship) 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.

*****Honors World Geography**

1 semester - 0.5 credit. Placement determined by admissions portfolio.

This is a one-semester world geography course for students who would like to prepare for Honors or 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 or placement determined by admissions portfolio.*

This course is a survey of world history from prehistoric times to the present emphasizing both content and thinking skills. The course introduces all regions of the world, although special emphasis is given to those regions which are particularly important in shaping today's culture and issues, including Europe, the Middle East, and China. The role of Catholicism throughout history is emphasized. The historical development of religion, philosophy, technology, and the arts are also studied.

*****Honors World History**

2 semesters - 1 credit. *Prerequisite: Completion of Honors World Geography with a B+ or better or World Geography with an A; or placement determined by admissions portfolio.*

The purpose of this course is to provide students with a comprehensive understanding of world history, from earliest times to the present day. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation, and the manner in which the modern historian works. In the first semester, particular attention will be paid to the development of civilization by studying examples of cultures found in each region of the world. In this process, particular attention will be paid to the role of religion in the development and spread of these civilizations. In the second semester, focus will be placed upon the appearance of modern political ideologies; and the roles they have played, independently and interdependently, in shaping the modern world. This course will maintain a fast pace as it proceeds through the material. It is expected that the students will do outside work in order to be prepared for class. It is further expected that the students in this course will contribute frequently and positively to class discussion. In addition to the textbook, supplementary readings are required.

*****AP World History: Modern**

2 semesters - 1 credit (10). *Prerequisite: Completion of Honors World Geography with an A- or better and completion of or concurrent enrollment in Honors Argumentation and Rhetoric.*

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, focusing on the time period from 1200 A.D. to present after offering a brief overview of earlier times. The course highlights the nature of changes in international frameworks and their causes and consequences. In this course, students will learn how historians create the story of our past, thus developing habits of mind that help refine their analytical abilities and critical thinking skills. These include making arguments using primary source evidence, making informed comparisons, and developing interpretations of cause and effect in human society. 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 History.*

This course is a one-year survey course of American History from the Colonial Period and American Revolution through the 21st Century, with an emphasis on the major social, political, economic, and military changes throughout the time period. The course will analyze the causes and effects of historical events through critical thinking of assigned readings, supplemental primary and secondary sources, and documentaries. Students will be expected to work individually and in groups to write, present, and discuss critically the conventional accounts of history.

*****Honors U.S. History DE**

2 semesters - 1 credit. *Prerequisite: Completion of Honors World History with a B+ or better in both semesters; or World History with an A in both semesters. Dual Enrollment credit is available through Scottsdale Community College (SCC) at an extra cost.*

This course is an in-depth, college-level investigation of American history from the Colonial Period and the American Revolution through the 21st Century. Students develop and use skills and methods of historical analysis to analyze primary and secondary sources, develop historical arguments, and make historical connections. This course will emphasize a series of key themes throughout the year. These themes are essential to a comprehensive study of the United States history. The themes will include discussions of American diversity, the development of the unique American identity, the evolution of American economic trends and transformations, environmental issues, the development of political institutions and the components of citizenship, social reform movements, the role of religion in the making of the United States and its impact on the multicultural society, the history of slavery and its legacies in this hemisphere, war and diplomacy, and finally, the role of the United States in an increasingly global arena. Students will be expected to write, present, and discuss in a historically critical manner.

*****AP U.S. History**

2 semesters - 1 credit. *Prerequisite: Completion of Honors World History with a B+ or better in both semesters or AP World History with a B or better in both semesters and completion of or concurrent enrollment in Honors Argumentation and Rhetoric.*

The AP U.S. History course is part of the Advanced Placement Program sponsored by the College Board. This is a college-level course which 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. Frequent and positive contributions to class discussions are a requirement for this course and failure to verbally engage on a regular basis will lead to your removal from class. Students are required to take the AP exam in May and are responsible for exam fees.

*****Economics**

1 semester - 0.5 credit. *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.

*****DE Honors Ethics, Economy, and Entrepreneurship**

1 semester - 0.5 credit. Dual Enrollment through University of Arizona. Meets AZ state graduation requirements for Economics. *Prerequisite: Completion of AP US History or Honors US History with a B or better in both semesters; or U.S. History with an A in both semesters.*

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 - 0.5 credit. *Prerequisite: Completion of U.S. History.*

The United States Government course at Notre Dame Preparatory 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. In addition to this, the course seeks to continuously develop and foster higher-level critical thinking skills that emphasize analysis, synthesis, and evaluation. Students are expected to be open-minded as belligerence during discussion time is not tolerated. As a result, students will learn how to support their positions with credible and factually based evidence. In doing so, students will learn how to accept the critiques and varying viewpoints of their classmates on a pathway toward academic excellence. Finally, this class will look at government in action from both historical and current perspectives.

*****AP United States Government**

1 semester - 0.5 credit. *Prerequisite: Completion of AP U.S. History with a B+ or better in both semesters; or completion of Honors US History with an A- in both semesters; or U.S. History with an A in both semesters.*

NOTE: In order to facilitate practice and study both semesters, students enrolled in AP US Government will be concurrently enrolled in DE Ethics, Economy and Entrepreneurship. Students will complete .25 credit hours of each of these course in the fall semester and .25 credit hours in the spring for a total of .5 credit in AP Government and .5 credit in DE Ethics, Economy & Entrepreneurship.

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 - 0.5 credit – Elective. *Prerequisite: Completion of AP U.S. History with a B+ or better in both semesters; or Honors US History with an A- or better in both semesters; or U.S. History with an A in both semesters.*

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 policy making. 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**

2 semesters - 1 credit – Elective (10-12). *Prerequisite: Completion of Honors World Geography with a B+ or better in both semesters and completion of or concurrent enrollment in Honors Argumentation and Rhetoric. 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.

Social Studies Electives

*****Current and Future Issues**

1 semester – 0.5 credit – Elective (11-12)

Students will study the ever-changing panorama of current events and issues that affect the United States and people around the world. Topics may include political, economic, social, and environmental issues that affect their lives now and will continue to affect them in the future. Class discussion and group presentations will be utilized.

*****Honors Philosophy**

1 semester - 0.5 credit – Elective (11-12). *Prerequisite: Earned a B or better both semesters in Honors/AP English, social studies and science level courses OR an A both semesters in sophomore level English, social studies, and science courses.*

Honors Philosophy provides a survey of Western philosophy through the 20th century. The first half of the course will seek a definition of “philosophy,” as well as an understanding of the basic methods of philosophical thought. The second half of the course will consist of a survey of great thinkers in the history of Western philosophy, and discussions of the topics they sought to address.

*****Psychology**

1 semester - 0.5 credit – Elective (11-12)

Psychology is a science that studies the processes of the human mind 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 multimedia material, students will better understand how we influence others and their influence on us. Supplemental materials will be used.

*****Sociology**

1 semester - 0.5 credit – Elective (11-12).

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 in their society.

*****Street Law**

1 semester - 0.5 credit – Elective (11-12).

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: 1955-2020**

1 semester - 0.5 credit – Elective (11-12).

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.

*****Ethics, Culture, and Principles Seminar**

1 semester - 0.5 credit – Elective (10-12). *Prerequisites: Completion of English I with a B or better.*

The Ethics, Culture, and Principles elective is a research-based, seminar-style course that leads students through an extensive history of ethics and how it has manifested itself into codes of conduct and principles among various cultures, beginning in Ancient Greece and continuing through Biblical times, Feudal Japan, the Chinese Dynasties, Norse tribes, Native Americans, and ultimately today in America and other modern countries. The course will examine each culture’s take on ethics and ultimately identify specific nuances that align with the principles of the Catholic faith. A leading question in each culture examined will be whether any evidence of ethics correlates to the human dignity of the culture’s citizens, and if applicable, its slaves.

Theology Courses

Please note:

- All Theology classes are listed chronologically (Theology 1, Theology 2, etc.)
- 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.



*Beginning in 2020-2021, Honors Theology 3 will be offered to select students. Please see course description below for pre-requisites. Beginning in 2021-2022, Honors Theology 4 will be offered to select students.

***Theology 1

2 semesters - 1 credit

1st 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.

2nd 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

1st 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.

2nd 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.

*****Honors Theology 2**

2 semesters - 1 credit

This course will follow a similar progression as Theology 2 but there will be a heightened focus on reading from the bible, historical analysis, research into primary sources and church documents, and most importantly, deeper reflection in prayer. Students who successfully complete this course may register for Honors Theology 3.

*****Theology 3**

2 semesters - 1 credit.

1st 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.

2nd 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.

*****Honors Theology 3**

2 semesters - 1 credit. Open to juniors. *Prerequisites: Completion of Theology 2 with an A or B both semesters and instructor recommendation*

This course will follow a similar progression as Theology 3 but there will be a heightened focus on exploring the writings of the early church Fathers, learning liturgical Latin, developing one's prayer life and learning how to be a disciple of Christ in the modern world. Students who successfully complete this course may register for Honors Theology 4.

*****Theology 4**

2 semesters - 1 credit

1st 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.

2nd semester - Life in Jesus Christ

This course assists the students in their reflection on a thematic question: What kind of person am I becoming and what kind of person do I want to become? The students will be presented a basic Christian vision of morality with Jesus as their model of humanness as a way to respond to the above question. This course will explain what it means to be a person of conscience and each person's responsibility for conscience formation. Catholic moral teaching on a variety of issues

will be presented. This course will give the students the tools to achieve the goal of a properly formed conscience. It will use the theological and cardinal virtues, scripture, and Church teaching as the basis for moral decision-making. The purpose of the 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.

*****Honors Theology 4**

2 semesters - 1 credit. *Open to Seniors only. Prerequisites: Honors Theology 3*

This course will follow a similar progression as Theology 4 but there will be a heightened focus on the morality presented by St. Thomas Aquinas and other moral theologians the writing of the early church fathers and how they pertain to Church history, and developing a life of virtue along with the ability to explain and defend the teachings of Jesus Christ and the Catholic Church.

Theology Electives:

*****Christian Leadership**

1 semester - 0.5 credit - Elective (9-12).

Emphasis in this class will be on learning and developing leadership skills that mirror Jesus Christ such as servant leadership qualities, leading from the heart, and discernment. This course is scripture based and will allow students to develop Christian leadership skills such as: leadership styles, listening skills, conflict resolution, and leadership and discipleship. This class helps all students in their day-to-day lives to recognize their own worth and potential.

*****Intro to Logic**

1 semester - 0.5 credit - Elective (9-10).

This course will include study of philosophers, their questions, and how to view reality. Why are good things good? Why are good things sometimes difficult? What is truth? Logic is the science of how to think and get from one rational thought to another. This course gives an overview of philosophy and the relationship between faith and reason, science and religion.

*****Honors Medical Ethics**

1 semester - 0.5 credit - Elective (10-12). *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 healthcare 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.

*****Honors Biblical Archeology**

1 semester - 0.5 credit - Elective (10-12). *Prerequisites: Requires a B+ or higher both semesters in Theology class and teacher recommendation*

Investigate the Old and New Testament through the lens of archeology. This is a research class where students will learn basic principles of archeology by virtually exploring 8 archeological sites in the Holy Land.

*****The Search for Happiness and Purpose**

1 semester - 0.5 credit - Elective (10-12). *Prerequisites: Requires a B or higher both semesters in Theology*

This course is a personal exploration of the realities of truth, beauty and goodness. Students will have the opportunity to discover how each of these realities plays a role in their everyday lives and their individual search for happiness and purpose. Students will choose a topic of interest to begin their research and create a documentary displaying the journey of their search for happiness and purpose.

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

1 semester - 0.5 credit - Elective

Open to sophomores (see prerequisite), juniors and seniors with a B or higher both semesters in Theology and Social Studies or English. *Prerequisite: Sophomores must obtain a recommendation form signed by their Theology teacher.*

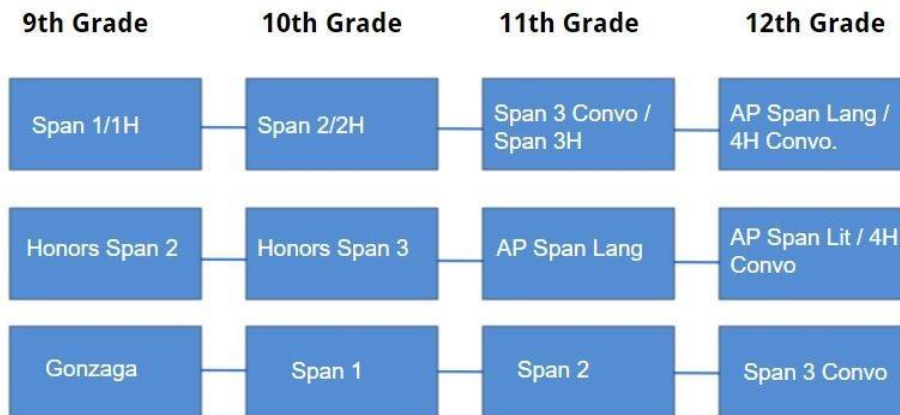
This is a humanities course that presents a historical overview of Christian spirituality as it is exemplified through art, architecture, literature, music, and theatre/film. Students will explore and investigate four major time periods of spiritual growth and renewal in Christian history: pre-Constantine period of persecution, the Celtic monastic movement, Renaissance and the Age of Global Exploration, and our current period of St. John Paul II's new evangelization. A "mini-unit" on ethics of art and culture during World War II is included in the fall semester. This is a project-based course using historical research as a means to explore personal spiritual growth. The semester project requires each student to research a topic of personal interest, then create and publish a Web 2.0 resource.

World Language Courses

World Language Scope and Sequence: There are several world language pathways at NDP depending on student placement test results. Review carefully to plan schedules accordingly.

Please note:

- Review grade requirements for advancing to higher levels such as Honors and AP.
- Students must take the same language for three consecutive years.
- Students who wish to pursue the Seal of Biliteracy on their diplomas will have to demonstrate proficiency in English and World Language through standardized testing results.



*****American Sign Language (ASL) 1**

2 semesters - 1 credit. (9-12)

This course is an introduction to American Sign Language (ASL) and is designed for students with no or minimal sign language skills to develop basic skills according to the ACTFL Can-Do Statements and the 5 C's (Communication, Culture, Connection, Comparison, and Culture) standards in use of ASL. Emphasis is upon acquisition of comprehension, production and interactional skills using basic grammatical features. ASL will be taught within contexts and related to general surroundings and everyday life experiences. This course is recognized as a World Language credit.

*****American Sign Language (ASL) 2**

2 semesters - 1 credit. *Prerequisite: ASL 1 or instructor approval.*

This course builds on the foundations of American Sign Language (ASL). It is designed for students who have passed ASL 1 or possess basic sign language skills. This course supports sign language skills development and a continuation of studying Deaf Culture. Emphasis is upon acquisition of comprehension, production and interpersonal interactional skills using grammatical features along with types of classifiers. ASL 2 will be taught within contexts and related to general surroundings and everyday life experiences. This course is recognized as a World Language credit.

*****American Sign Language (ASL) 3**

2 semesters - 1 credit. *Prerequisite: ASL 2 or instructor approval.*

Continues the study of American Sign Language (ASL) whereby students develop expressive and receptive language skills with an increased emphasis on complex vocabulary, grammatical structures, and cultural awareness. The outcomes and the World Language standards are aligned with the American Council Teaching of Foreign Language WL standards. This course is recognized as a World Language credit.

*****American Sign Language (ASL) 3 Honors**

2 semesters - 1 credit. *Prerequisite: Grade of B+ or better in ASL 2 or instructor approval.*

Continues the study of American Sign Language (ASL) whereby students develop expressive and receptive language skills with an increased emphasis on complex vocabulary, grammatical structures, and cultural awareness. This is an honors course which focuses more on reflexive narratives, ASL Literature that includes a Drama Critique, poetry, ABC Story, and Classifier Story. Students can choose to apply for the National ASL Honor Society (ASLHS). ASLHS provides scholarships and national competition opportunities. With expanded vocabularies and grammatical patterns, students continue to develop their ASL competencies in numerous conversational settings where they can function comfortably in a wide variety of situations in the Deaf community. The outcomes and the World Language standards are aligned with the American Council Teaching of Foreign Language (ACTFL) world language standards applying the 5 C's: Communication, Culture, Connections, Comparisons, and Community. This course is recognized as a World Language credit.

*****American Sign Language (ASL) 4 Honors**

2 semesters - 1.0 credit. *Prerequisite: ASL 3/3H or equivalent. Instructor approval required.*

Advanced American Sign Language skills including continued vocabulary. Emphasis on conversational techniques in a cross-cultural framework. Continued work on conceptual accurate signing of English idioms and words with multiple meanings. Continues to develop cultural awareness, comprehension and production skills, and emphasizes a variety of sentence structures in American Sign Language with a continued focus on interactive communicative competence. This course provides students with the opportunity to continue to become skilled in ASL conversational fluency while developing an understanding and awareness of the culture, heritage, and civic values of the U.S. Deaf community. Advanced American Sign Language - continues to develop cultural awareness, advanced comprehension and production skills including a variety of complex sentence structures in American Sign Language. In addition, continued focus on advanced interactive communicative competence and continues to expand vocabulary.

*****French 1**

2 semesters - 1 credit. Placement determined by the admissions exam.

French 1 is designed for those students who have never learned French or have a limited exposure to the language. We use a multimedia approach to meet the American Council on 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 French or Francophone culture. All course objectives are aligned with the Diocesan World Language Standards.

*****French 2**

2 semesters - 1 credit. *Prerequisite: Successful completion of French 1 or admissions exam.*

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 multimedia components that meet the American Council on Standards for World Languages. 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. Students may be required to purchase supplementary materials. All course objectives are aligned with the Diocesan World Language Standards.

*****Honors French 2**

2 semesters - 1 credit. *Prerequisite: Completion of French 1 with a B+ or better and instructor approval*

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 multimedia components that meet the American Council on Standards for World Languages. Each chapter has rigorous communicative objectives. Added cultural notes and supplements allow students to become familiar with various Francophone cultures. Students may be required to purchase supplementary materials. All course objectives are aligned with the Diocesan World Language Standards.

*****French 3**

2 semesters - 1 credit. Dual Enrollment option. *Prerequisite: Successful completion of French 2 or Honors French 2 passing with a C- or above or placement based on admissions exam*
French 3 students continue to develop skills in listening, speaking, reading and writing. A reading component is emphasized, 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 may be required to purchase supplementary materials. All course objectives are aligned with the Diocesan World Language Standards.

*****Honors French 3**

2 semesters - 1 credit. Dual Enrollment option. *Prerequisite: Successful completion of French 2 or Honors French 2 passing with a B+ or above or placement based on admissions exam*
Honors 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 would like to also 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 may be required to purchase supplementary materials. Students may be required to purchase supplementary materials. All course objectives are aligned with the Diocesan World Language Standards.

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

2 semesters - 1 credit. Dual Enrollment option. *Prerequisite: Completion of Honors French 3 with a C+ or higher and instructor approval*
This class will incorporate language learning and the culture of French and Francophone countries. Students will study the history of France and will also be required to read authentic written works in French. Students will read Francophone novels in order to better understand Francophone culture. Students will be required to speak French during class. Students may be required to purchase supplementary materials. All course objectives are aligned with the Diocesan World Language Standards.

*****Spanish 1**

2 semesters - 1 credit. Placement determined by the admissions exam.
Spanish 1 is a course designed to introduce the student to all aspects of target language study. Grammar, reading, writing, and listening skills are included. Emphasis is placed on basic conversation, vocabulary building, and correct use of the language. Correct pronunciation and oral proficiency are primary goals. This requires a daily emphasis on listening and speaking. The Spanish 1 class will provide an appreciation and development of cultural awareness through various authentic materials. All course objectives are aligned with the Diocesan World Language Standards.

*****Honors Spanish 1**

2 semesters - 1 credit. Placement determined by the admissions exam.
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. Correct pronunciation and oral proficiency are primary goals. There are continued multimedia 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. All course objectives are aligned with the Diocesan World Language Standards.

*****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. Correct pronunciation and oral proficiency are primary goals. There are continued multimedia 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. All course objectives are aligned with the Diocesan World Language Standards.

*****Honors Spanish 2**

2 semesters - 1 credit. *Prerequisite: Completion of Honors Spanish 1 with a B or better both semesters or Spanish 1 with an A both semesters 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. Correct pronunciation and oral proficiency are primary goals. There are continued multimedia components that meet national standards. Added cultural notes and supplements will allow students to become familiar with dress, customs, and value systems through broadening their realm of experience. All course objectives are aligned with the Diocesan World Language Standards. Honors Spanish 2 is distinguished from Spanish 2 because of the greater complexity of assignments and learning objectives that include more in-depth essays and oral communication.

*****Spanish 2 for Heritage Speakers**

2 semesters - 1.0 credit – (9-12) *Prerequisite: Placement Only.*

This course is for students whose first language is Spanish and aims to develop language skills beyond informal discourse through debates, informative compositions, speeches, and formal presentations. Students will acquire or improve certain grammatical aspects of Spanish, such as the conjugation of verbs in the indicative and subjunctive tenses, compound tenses, stress and spelling. Students will also increase critical and practical reading comprehension and written expression skills using a variety of authentic articles of interest to heritage speakers. Students will expand knowledge of vocabulary through the use of prefixes, suffixes, idioms, set phrases, Spanish words of different origins and the management of the dictionary. Students will learn and appreciate the cultural richness not only of the Spanish-speaking countries, but also of the Hispanic population in the United States and their contributions to the culture of this country.

*****Spanish 3 Conversational**

2 semesters - 1 credit. *Prerequisite: Completion of Spanish 1 and Spanish 2*

The objective of this engaging and highly participatory course is to improve student's speaking ability and expand knowledge of Spanish vocabulary. Through dynamic conversational activities and daily opportunities for spontaneous conversation practice, students will improve comprehension and expression techniques, widen vocabulary base, and improve fluency.

Designed for Intermediate Spanish learners, this course is perfect for students who have previously studied grammatical structures such as the present, past, and informal future tenses and wish to focus on increasing fluidity. In this course, students will learn new words and idiomatic expressions, listen to audio of Spanish conversations to improve auditory skills, deepen knowledge of Latin American culture, and converse about a broad range of topics.

*****Honors Spanish 3**

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

In this course, the student achieves a higher conversational level of oral proficiency 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 multimedia components. All course objectives are aligned with the Diocesan World Language Standards. Honors Spanish 3 is distinguished from Spanish 3 because of the greater complexity of assignments and learning objectives that include more in-depth essays and oral communication.

*****Spanish 4 Conversational**

2 semesters - 1 credit. (11-12) *Prerequisite: Completion of Spanish 3.*

The primary objective of this course is to develop the student's ability to communicate in Spanish in order to utilize intermediate-level conversational skills, pronunciation and oral proficiency. 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 and reading skills as well as cultural awareness. This course is intended for juniors and seniors who wish to sharpen pronunciation and speaking fluency in a collaborative environment. All course objectives are aligned with the Diocesan World Language Standards.

*****Honors Spanish 4 Conversational**

2 semesters - 1 credit. (12) *Prerequisite: Completion of Honors Spanish 3 with a B or better both semesters or Spanish 3 with an A or better both semesters.*

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, pronunciation and oral proficiency. 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 and reading skills as well as cultural awareness. This course is intended for seniors who wish to sharpen pronunciation and speaking fluency in a collaborative environment. All course objectives are aligned with the Diocesan World Language Standards.

*****AP Spanish Language and Culture**

2 semesters - 1 credit. *Prerequisite: Completion of Honors Spanish 3 with a B or better both semesters.*

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. New: When communicating, students in the AP Spanish Language and Culture course demonstrate an understanding of the culture(s), incorporate interdisciplinary topics (Connections), make comparisons between the native language and the target language and between cultures (Comparisons), and use the target language in real-life settings (Communities). 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 (11-12). *Prerequisite: Completion of AP Spanish Language with a B or better both semesters.*

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.

Miscellaneous Electives

*****Christian Leadership**

1 semester - 0.5 credit - Elective (9-12).

Emphasis in this class will be on learning and developing leadership skills that mirror Jesus Christ such as servant leadership qualities, leading from the heart, and discernment. This course is scripture based and will allow students to develop Christian leadership skills such as: leadership styles, listening skills, conflict resolution, and leadership and discipleship. This class helps all students in their day-to-day lives to recognize their own worth and potential.

*****Leadership For Positive School Culture**

2 semesters - 1 credit. (12: Open to Senior House Captains only.)

In this class, senior House Captains will develop, implement and refine skills such as collaborative leadership, consensus decision-making, delegation of tasks, goal-setting, compromise, team-building, problem-solving, communication, time management, and decision-making. Students will plan and implement all aspects of House events and spiritual formation, respecting and complying with all school policies and procedures. They will develop methods to work cooperatively to ensure a sense of belonging for all students while instilling House pride, Saintly virtues, and friendly competition. Methods of surveying, opinion-gathering, evaluation of events and activities and statistics gathering will be developed and implemented.

*****Student Council Leadership**

2 semesters - 1 credit. (10-12: Open to Dog Pound Student Council members only.)

In this class, student council leaders will develop, implement and refine skills such as collaborative leadership, consensus decision-making, delegation of tasks, goal-setting, compromise, team-building, problem-solving, communication, time management, and decision-making. Students will plan and implement all aspects of student council school-wide events such as pep rallies, dances, and the student “Dog Pound” cheering sections for athletic events, respecting and complying with all school policies and procedures. They will develop methods to work cooperatively while instilling healthy school pride and friendly competition. Methods of surveying, opinion-gathering, evaluation of events and activities and statistics gathering will be developed and implemented.

*****The Science of Well-being**

1 semester - 0.5 credit – Elective (11-12) *Prerequisite: None.*

In this course students will engage in a series of challenges designed to increase their own happiness and build more productive habits. As preparation for these tasks, students will learn about and discuss misconceptions about happiness, annoying features of the mind that lead us to think the way we do, and the research that can help us change. Students will ultimately be prepared to successfully incorporate one or more specific wellness activities into their own lives. This course is based on Yale University's most popular psychology course. Students will engage in conversations about how to take care of ourselves and our mental health, and each week a different theme will be covered such as our expectations about happiness, overcoming our biases, increasing our grit and resilience, the importance of service, practicing gratitude and savoring, the benefits of prayer, and many other topics related to social-emotional learning.

*****Office Aide - Counseling**

1 semester = 5 hours of service to Notre Dame Prep. This course is not for credit.

Open to sophomores, juniors, and seniors with a 3.0 unweighted GPA or higher. Must be responsible and self-motivated individuals in good academic standing. For more details, talk to the Director of Christian Service Learning. Can be repeated once for up to 10 hours of service to NDP. Office Aides 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 are only permitted to take one non-credit bearing course a semester.

*****Free Period**

1 semester - 0 credit (12). This course is not for credit.

Seniors may elect to take 8th period as a free period with the approval of parents and counselor.

This may not be taken concurrently with a non-credit bearing course such as Office Aide.

Seniors are only permitted to take one non-credit bearing course a semester.

Freshmen, Sophomores, and Juniors are not allowed a free period. Students are only permitted to take one non-credit bearing course a semester.

****Please note:** If a senior has a free 8th period, he or she will need to leave campus at the end of 7th period. Plan transportation accordingly.