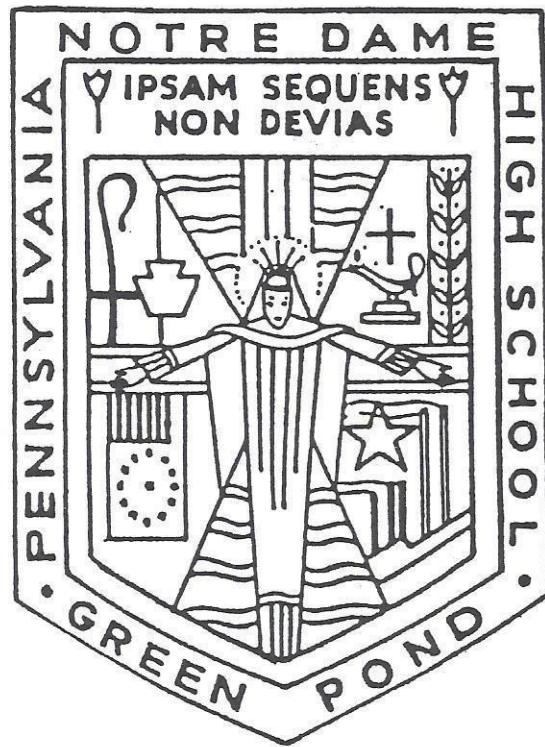


Notre Dame High School Course Selection Guide



2026-2027

Dear Students,

The Notre Dame High School Course Selection Book contains information about the courses that are available at Notre Dame for the 2026-2027 Academic Year.

Please discuss these offerings with your parents, teachers, and counselor so that you make intelligent decisions concerning the courses that you will study next year. Once your decision is made, you may enter your selections in the portal. Your teachers for certain subjects will enter courses for which you are approved. It is also possible for an elective course to be dropped if an insufficient number of students choose to take the course or if it is not possible to schedule a teacher for it. All students must have eight (8) credits scheduled per semester. Students do not need to select Health/PE.

Please choose your courses carefully so that you make the best possible decisions in keeping with your goals and academic abilities. If you are choosing a course that has certain prerequisites, make certain that you have met those prerequisites. It is very important for students to be serious about their first enrollment choices. Therefore, **all students are expected to continue in and complete the courses selected. There is no Drop/Add period once classes have begun.** Often students and parents are under the impression that classes can be tried for a few days and dropped by picking another class or classes can be dropped if a student is failing. **This is not true.** In addition, full credit classes cannot be changed mid-year.

The entire Master Schedule, staff assignments, class size, material resources, and course offerings, are generated based upon student requests for classes. Each time students change their minds; the integrity of the Master Schedule is compromised. **It is of vital importance that students are serious about their first choice of classes.**

If you have any questions, please feel free to contact the guidance counselor at 610-867-7012 or me at 610-868-1431, extension 1201 prior to submitting your course selection form.

Sincerely,

A rectangular box containing a handwritten signature in cursive script that reads "Dena Farrell".

Mrs. Dena Farrell, M. Ed.

Assistant Principal of Academics

Notre Dame High School Course Selection Procedure

- Review the appropriate Course Selection Form for your grade.
- Review the course descriptions, listed by department, found in this book. Pay particular attention to the prerequisites listed after the individual course descriptions. Please do NOT register for courses in which you do not meet the course prerequisite.
- For all incoming ninth grade students- placement testing will be required for scheduling of Math and English courses. Please refer to the Notre Dame web page for the dates and times the tests will be offered <http://www.ndcrusders.org>. Placement tests may also be required for mid-year academic transfer students.
- Current students must obtain the necessary teacher signatures *prior* to submitting their course selections forms.
- Discuss all selections with parent(s).
- Students are required to have six major courses per semester, in addition to the Health/PE and minors in grades 9-11. Students must have a total of 8 credits.
- Complete course Selection Form and submit to Notre Dame High School.

*Notre Dame Administration reserves the right to schedule students into classes as they deem necessary based upon the following:

- Schedule Conflicts
- Enrollment
- Student Aptitude
- Availability of Staff
- On-line Availability
- Other Concerns

Academic Program

The academic program at Notre Dame High school conforms to the recommendations of the State Department of Public Education and the regulations of the Allentown Diocese. Courses are offered in such a way that all students may choose those subjects that will enable them to prepare for the vocation they wish to follow. Course selection and pre-registration are made after the first semester reports are issued.

The Notre Dame High School Course Selection information will be available on-line during the second semester. Courses are added or deleted according to the students' needs and the school's ability to meet these needs. The counselor, the teachers, the department chairpersons, and the members of the administration offer help in the selection of course

DIOCESE OF ALLENTOWN – NOTRE DAME HIGH SCHOOL GRADING SYSTEM

***Grades are accessible to parents through the ND Website parent portal.** Grades are entered weekly by the classroom teacher.

Honors

Honors will be awarded at the end of each quarter, the end of each semester, and the end of the year. Honors will be awarded to the students who meet the following criteria:

To receive honors, all subjects and disciplines must be passed for that particular marking period. Honors will be noted on the report card only, and not on the permanent record card.

***College courses taken off-campus will be reviewed for honor roll considerations.**

Principal's List GPA \geq 3.75 - no grade below 90

Gold Honors GPA \geq 3.5 - no grade below 85

Blue Honors GPA \geq 3.0 - no grade below 80

HONORS/ADVANCED PLACEMENT PROGRAMS

The honors and advanced placement programs at Notre Dame High School are intensive courses that are accelerated and enriched in each area of study. These courses are designed to challenge very capable students with content, activities, and resources that are substantially more demanding than “regular” level courses.

Students who have been successful in honors/advanced placement level programs have several common attributes. The first is a keen interest and motivation in academics in general, and in specialized subjects. Their previous grades are extremely high and they have a reputation of being strong, independent students. They demonstrate an ability to combine and/or analyze information and reach conclusions. Most students enrolled in these courses are excellent and avid readers.

Courses specifically entitled “advanced placement” prepare students to participate in the Advanced Placement tests given each May by the College Board. These college level tests measure student learning in specific content areas. Many colleges recognize the results of these tests and use the scores to assist in the placement of incoming freshmen. Some colleges offer advanced standing or even credit recognition for successful performance on these tests. Since policies and procedures at all colleges differ, please inquire at the colleges of your interest for specific details and guidelines.

Notre Dame High School does require students enrolled in advanced placement courses to take the Advanced Placement tests. Please note, a fee is required to take these tests.

REQUIREMENTS FOR GRADUATION – CREDIT REQUIREMENTS BY SUBJECT AREA

The following are the minimum requirements set down by the Pennsylvania Department of Education and the Diocese of Allentown for the graduation of a student from Notre Dame High School:

Thirty-two (32) credits are required for graduation.

Theology

- o 4 Credits Required

English

- o 4 Credits Required

Math

- o 3 Credits Required

Science

- o 3 Credits Required
- o Conceptual Physics – Freshman year
- o Biology - Freshman year

Social Studies

- o 3 Credits Required
- o American Cultures – Freshman year
- o World Cultures- Sophomore year
- o Political Science and Economics (PSE) – senior year

Foreign Language

- o 2 Credits Required
- o Must be 2 credits for the same language

Minors

- o 3 Credits Required, 1 credit per year in grades 9-11
- o Minor classes are not optional

Electives

- o 6 credits required

Health/PE

- o 1 credit per year required

*****Any change in the requirements must have the approval of the Principal and the Assistant Principal.**

Course Pathways

This is the general sequence of required courses from grades 9-12. Ninth grade classes are determined from the placement test taken in May/June. Future courses are determined by prerequisites. All course descriptions and prerequisites can be found in the course selection book. Course blocks in italics represent a requirement selection.

	Grade 9	Grade 10	Grade 11	Grade 12
Theology (4)	<i>Fresh Theo 1/2</i>	<i>Soph Theo 1/2</i>	<i>Jr Theo 1/2</i> Elective	<i>Senior Theo or</i> <i>Honors Theology</i> Elective
English (4)	<i>English 1,</i> <i>Survey of Lit or</i> <i>Hon Survey of Lit</i>	<i>English 2,</i> <i>Amer Lit or</i> <i>Hon Amer Lit</i>	<i>Lit 1,</i> <i>Brit Lit,</i> <i>Hon Brit Lit or</i> <i>AP Lang</i> Elective	<i>Lit 2,</i> <i>World Lit,</i> <i>Hon World Lit or</i> <i>AP Lit</i> Elective
Mathematics (3)	<i>Fundamentals of Alg 1,</i> <i>Alg 1,</i> <i>Hon Alg 1 or</i> <i>Hon Alg 2</i>	<i>Basic Alg 2,</i> <i>Alg 2,</i> <i>Hon Alg 2 or</i> <i>Hon Geo</i>	<i>Basic Geometry,</i> <i>Geometry,</i> <i>Hon Geometry or</i> <i>CP/Hon Precalc</i>	Survey of Math, CP/Hon Precalc, Hon/AP Calc or Hon Prob & Stats
Science (3)	<i>Basic Conceptual Physics,</i> <i>Conceptual Physics or</i> <i>Hon Bio</i>	<i>Bas Biology,</i> <i>Biology or</i> <i>CP/Hon Chem</i>	Chem in the Community, CP/Hon Chemistry or Elective	Electives

Social Studies (3)	<i>Amer Cultures Hon Amer Cultures</i>	<i>World Cultures Hon World Cultures</i>	Elective	<i>CP/Hon PSE/AP Gov Elective</i>
World Languages (2)	<i>Spanish 1 Italian 1 or French 1</i>	<i>Spanish 2, Italian 2 or French 2</i>	Elective	Elective
PE/Health (4)	<i>PE 9/10, Health 9/10</i>	<i>PE 9/10 Health 9/10</i>	<i>PE 11/12 Health 11/12</i>	<i>PE 11/12 Health 11/12</i>
Minors (3)	<i>Required</i>	<i>Required</i>	<i>Required</i>	Elective
	8 credits	8 credits	8 credits	8 credits

AQUINAS DEPARTMENT

The Aquinas Program is a Christ-centered, quality academic education within a Catholic school environment for young adults with learning disabilities. Students are encouraged to work to their full potential and to be respectful of others. Emphasis is placed on helping students gain self-confidence and developing a positive attitude toward academic achievement.

Students are scheduled into regular high school classes, with the exception of one period every other day. For that period students are scheduled in the resource room for instruction in organizational and study skills. The teacher/student ratio is approximately 1:5. Students have a full academic schedule; modifications and adaptations are developed through consultation between the Aquinas Program teacher and subject area teachers. These adaptations are specified on the students' Individual Instructional Programs (IPs). Students in the Aquinas Program are eligible to take any course for which they qualify. Students in the Aquinas program who elect to attend Vo-Tech or CIT, may not be eligible to remain in the Aquinas program.

Admission into the Aquinas Program is determined through review of educational testing. For further information on the Aquinas Program, please speak with the principal, Mrs. Jaclyn Friel at 610-868-1431, extension 1112; or Mrs. Jackie Lilly at 610-868-1431, extension 2007.

THEOLOGY DEPARTMENT COURSE DESCRIPTION

FRESHMAN THEOLOGY 1: The Revelation of Jesus Christ in Scripture Course #: **0002**

Credit: **0.50**

Level: **College Prep**

9th	10th	11th	12th
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible, they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

FRESHMAN THEOLOGY 2: Who is Jesus Christ Course #: **0003**

Credit: **0.50**

Level: **College Prep**

9th	10th	11th	12th
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

SOPHOMORE THEOLOGY 1: The Mission of Jesus Christ Course #: **0011**

Credit: **0.50**

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

SOPHOMORE THEOLOGY 2: Christ's Mission Continues in the Church Course #: **0012**

Credit: **0.50**

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The purpose of this course is to help the 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.

JUNIOR THEOLOGY 1: Sacrament as Privileged Encounters Course #: **0021**

Credit: **0.50**

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The purpose of this 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.

JUNIOR THEOLOGY 2: Life in ChristCourse #: **0022**Credit: **0.50**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

SENIOR THEOLOGY 1: Responding to the Call of Jesus ChristCourse #: **0031**Credit: **0.50**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The purpose of this course is to help students discover why life with Christ in his Church is more coherent, reasonable, noble, and attractive than any alternative the culture offers. This course will provide young adults with the skills to articulate the faith and equip them to uncover the errors present in secularism as well as many contemporary religions, cults, and sects. The hallmark of this course is to appreciate the Catholic Church as founded by Jesus Christ, and therefore free from errors in matters of faith and morals.

SENIOR THEOLOGY 2: Living as a Disciple of Jesus Christ in SocietyCourse #: **0032**Credit: **0.50**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students should learn how all vocations are similar and how they differ. The course should be structured around married life, single life, priestly life, and consecrated life. Students should 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.

INTRODUCTION TO PHILOSOPHYCourse #: **0041**Credit: **0.50**Level: **Elective**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Philosophy is called "The handmaid of Theology." This course will give students an overview of the history and themes of Western Philosophy. Special focus would be given to the role philosophy has played in the development of Christian thought and theology.

THE CHURCH AND FILMCourse #: **0042**Credit: **0.50**Level: **Elective**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

In 1995, the Vatican put out a list of 45 films it considered to be of importance. This list was divided into 3 categories: Religion, Values, and Art. This course will examine some of the films on the Vatican's list. Students will view examples of films from all 3 categories and examine how art seeks to raise our minds and hearts to God.

CATECHESIS OF LOVE, THEOLOGY OF THE BODYCourse #: **0044**Credit: **0.50**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Between the years of 1979 and 1984, St. Pope John Paul II gave a series of 129 lectures now compiled into a book entitled The Catechesis on Human Love. Commonly known as the "Theology of the Body," these teachings form an "adequate anthropology" of the human person as created in the image of God as male and female. This course will allow students to examine the main themes of John Paul II's catechesis to in order understand the nature of the human person at a deeper level. Through such study, they will be encouraged to personally consider how these teachings have the power to transform their relationships with themselves, with others, and with God.

ART DEPARTMENT COURSE DESCRIPTIONS

THE ARTS

Course #: 0750

Credit: **0.25**

Level: **Minor**

9th 10th 11th 12th

This course will introduce students to various types of art medium, including an introduction to drawing with pencil, pen, colored pencil, and oil pastels. In painting, the students will explore color through painting with tempera paint and water colors. The course will help the student think of creative solutions to various problems.

ART 1

Course #: 0740

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

This art course involves the students in art specific topics. In a topic such as folk art, students learn about folk art works and produce works in a similar fashion as folk artists. In other topics, students explore the relationships between the two areas. They produce work that uses the connecting elements and principles. Students work in traditional media and explore various other ways of making art. They use paper make, collage work, and 3D constructions. Art is produced with creative thinking as a starting point.

ART 2

Course #: 0741

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

This art course continues the skills and concepts begun in Art 1.

DRAWING 1

Course #: 0742

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

In this one semester course, the students will learn basic drawing and composition skills. They will use pencil, colored pencil, charcoal, pastel, pen, and ink. Still life, figure drawing, perspective and landscape will be among the topics that students will be given from which to work and learn.

DRAWING 2

Course #: 0743

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

A one semester course, Drawing 2 continues skills begun in Drawing 1. Students strive to increase their skills in using various media such as charcoal, pen, ink, and pastels. They will practice rendering objects realistically and dramatically.

PAINTING 1

Course #: 0744

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

In this one semester course, the students will learn the basic painting skills and techniques in the media of crayons, water color, acrylic, and/or oil. Students will work on using the elements of art as they design compositions and learn color theory.

PAINTING 2

Course #: 0745

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

Painting 2 continues skills begun in Painting 1. Students will increase their ability to use various media such as acrylics, watercolor, pastels, and oil sticks to create effective and dramatic compositions.

GRAPHIC DESIGN

Course #: 0747

Credit: **0.50**

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This semester course is an introduction to computer graphics using the Adobe Photo Shop program. Students will learn and apply the tools introduced in this program. In this computer graphic environment, students will enhance their creative thinking while solving design problems.

MUSIC DEPARTMENT COURSE DESCRIPTIONS

BAND

Course #: 0746

Credit: **1.00**

Level: **College Prep**

9th	10th	11th	12th
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This course—in conjunction with Crusader Time meetings, lessons, and evening practices as scheduled—is required for membership in the Crusader Band. Students rehearse in class to prepare for performances in marching band, pep band, concert band, and on the spring trip. Rotating sectional lessons help reinforce personal musicianship and instrumental techniques. No experience necessary; however, private lessons are highly recommended for beginners. Summer clinics are also required for preferred placement on the drumline.

Prerequisite: Attendance at summer band camp (August 11-22, 2025)

Note: Registration in BAND replaces HEALTH/P.E. for all students in grades 9 and 10, as well as for grade 11 students also registered for a foreign language course.

INTRO TO MUSIC THEORY

Course #: 0748

Credit: **1.00**

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This course is designed to teach music from an analytical standpoint involving theory, practice and the structure of tonal music. The course will span from general to advanced application and strategy with the depth of information being strictly dictated by student ability and participation. This course has no previous educational requirements for admission and is by no means designed to discourage the student with little or no musical experience.

MUSIC IN THE MEDIA

Course #: 0751

Credit: **0.25**

Level: **Minor**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Music is an integral part of our everyday consumption of media and entertainment, from the movies we stream online to the commercials that interrupt them! Music In The Media explores the roll of music in the fields of psychology, marketing, and entertainment, including how it affects our feelings, thoughts, and behaviors. Students will learn to strategically apply music to multimedia production, and in doing so, become better-informed media consumers.

MUSIC APPRECIATION

Course #: 0752

Credit: **0.25**

Level: **Minor**

9th	10th	11th	12th
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The focus of Music Appreciation is to observe the creative process from an artist's perspective. Students first explore music as a discipline, learning to read and write rhythms, then apply their skills cooperatively to create, practice, and perform their own compositions.

MUSIC HISTORY

Course #: 0754

Credit: **0.25**

Level: **Minor**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Surveying the evolution of Western music from 19th Century Europe to 20th Century America, Music History students work in groups to explore a cross-section of each unit and present their research to the class as "experts" on their topics. Students are challenged to create professional-level, multimedia presentations that offer biographical information on great composer(s), artistic analysis of their major works, and historical context to explain why their music remains relevant today.

BUSINESS DEPARTMENT COURSE DESCRIPTIONS

COMPUTER SCIENCE PRINCIPALS

Course #: 0630

Credit: **1.00**

An introductory course to how computers/networks function and, and a light introduction to programming.

Level: **College Prep**

9th 10th 11th 12th

MARKETING

Course #: 0640

Credit: **0.50**

This course is an exploration of the basic theories dealing with the business economy. It will introduce the student to marketing throughout history including social media marketing and e-commerce of present day, the marketing mix and concept, determining market and distribution channels, sales promotions and public relations, marketing mix and concept, determining market and distribution channels, sales promotions and public relations, market research and planning, and much, much more.

Level: **College Prep**

9th 10th 11th 12th

ENTREPRENEURSHIP

Course #: 0641

Credit: **0.50**

This course is designed to explore the entrepreneurial process. Students will be introduced to the concepts of recognizing needs and opportunities, company formation, production, risk, marketing, finance, human resources, global competition, and legal, ethical and social issues involved with starting a business. Not only will students research and discuss throughout history, but will also prospect ideas for their very own potential future businesses.

Level: **College Prep**

9th 10th 11th 12th

PERSONAL FINANCE

Course #: 0642

Credit: **0.50**

Students will gain practical life skills and knowledge necessary in all aspects of dealing with everyday personal finance matters. Topics will include, but are not limited to career planning, budgeting, banking services, credit management, loans, insurance, and retirement planning. These areas of interest will be reinforced with real life applications.

Level: **College Prep**

9th 10th 11th 12th

ADULTING 101

Course #: 0643

Credit: **0.50**

In this course students will learn how to set goals, make decisions and problem solve in order to help them become successful adults and valuable members of society. A focus on how the problem-solving process can help you reason through real life issues is stressed in the class, as well as common problems in communication and strategies to solve them. Constructive methods for dealing with and resolving conflict are introduced. Analyzing various education and training options is also an important topic in the class.

Level: **College Prep**

9th 10th 11th 12th

PERSONAL FINANCE & MGMT

Course #: 0650

Credit: **0.25**

Students will gain practical life skills and knowledge necessary in all aspects of dealing with everyday personal finance matters. Topics will include, but are not limited to budgeting, banking services, credit management, loans, insurance, and retirement planning. This is a minor course to be completed by all freshman.

Level: **Minor**

9th 10th 11th 12th

COLLEGE & CAREER PLANNING

Course #: 0651

Credit: **0.25**

Level: **Minor**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Students will look forward into their future through this course exploring next steps as they near high school graduation. Topics will delve into resume creation, social media management, dressing for success, test taking preps for college discussions, applying for jobs and college, interviewing skills, long range planning and goals, self-assessments, and much more. This is a minor course to be completed by all Juniors.

ENGLISH DEPARTMENT COURSE DESCRIPTIONS

HONORS SURVEY OF LITERATURE & COMPOSITION 1

Course #: 0103

Credit: **1.00** The focus of this course is to cover literature at an accelerated pace and require a greater amount of independent study with an emphasis on critical thinking and writing.
Level: **Honors**
9th 10th 11th 12th

Prerequisite: Qualifying score based on the freshman placement test.

SURVEY OF LITERATURE & COMPOSITION 1

Course #: 0102

Credit: **1.00** The focus of this course is the thematic study of literature, the development of writing and the strengthening of vocabulary.
Level: **College Prep**
9th 10th 11th 12th

Prerequisite: Qualifying score based on the freshman placement test.

ENGLISH 1

Course #: 0101

Credit: **1.00** The focus of this course is on foundational reading and writing skills. Students examine various literary genres and are provided with reinforcement in the fundamentals of grammar and writing skills.
Level: **Basic Level**
9th 10th 11th 12th

Prerequisite: Qualifying score based on the freshman placement test.

SAT PREP

Course #: 0151

Credit: **0.25** SAT Prep prepares students for the SAT Critical Reading test. Students will learn strategies for success on the test, including time management, SAT-specific strategies, vocabulary and more.
Level: **Minor**
9th 10th 11th 12th

Prerequisite: None

HONORS AMERICAN LITERATURE & COMPOSITION 1

Course #: 0113

Credit: **1.00** This course will include an in-depth study of American literary classics from pre-colonial times to present. This course will cover literature at an accelerated pace and require more extensive independent learning with an emphasis on critical thinking and analytical skills.
Level: **Honors**
9th 10th 11th 12th

Prerequisite: Grade of 88% or above in Honors Survey of Literature, 93% or above in College Prep Survey of Literature.

AMERICAN LITERATURE & COMPOSITION 1

Course #: 0112

Credit: **1.00** This college preparatory course is a survey of American literary works from pre-colonial times to the present. It will cover a wide range of genres and styles while further developing the critical thinking and analytical skills achieved in Survey of Literature, both in class discussions and in written responses to literary works.
Level: **College Prep**
9th 10th 11th 12th

Prerequisite: Grade of 87% or below in Honors Survey of Literature, 70% or above in College Prep Survey of Literature, 95% or above in English 1.

ENGLISH 2**Course #: 0111**Credit: **1.00**Level: **Basic Level**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This course is designed to help students gain understanding and appreciate the impact American Literature has had on the development of our nation. Selections contain an array of genres consisting of early American, classic and contemporary works. As students examine the various genres of American literature, they will develop basic language arts skills in the areas of vocabulary development, reading comprehension, the writing process, and grammatical structures.

Prerequisite: Grade of 70% to 94% in English 1.

LITERATURE 1**Course #: 0121**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

This college prep course is an alternative to British Literature and is accepted as a Level 2 or college prep level course. The focus of the course will be the study of famous authors and literary genres with an emphasis on improving writing skills. Basics of research will be covered and a modified research paper required.

Prerequisite: Grade of 70%-80% in College Prep American Literature, 95% or above in English 2.

HONORS BRITISH LITERATURE & COMPOSITION 1**Course #: 0123**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

This course will cover literature at an accelerated pace and require extensive independent learning with an emphasis on critical thinking and analytical skills. Students will read works from British writers in the Anglo-Saxon period through the modern era. Emphasis will be placed on the study of literary techniques, forms, and themes. Writing assignments will focus on critical analysis of literature. Additionally, students will learn the rudiments of writing a research paper.

Prerequisite: Grade of 88% or above in Honors American Literature, 93% or above in College Prep American Literature.

BRITISH LITERATURE & COMPOSITION**Course #: 0122**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

This course will familiarize students with British writers from the Anglo-Saxon period through the modern era. Emphasis will be placed on the study of literary techniques, forms, and themes. Writing assignments will focus on critical analysis of literature. Additionally, students will learn the rudiments of writing a research paper.

Prerequisite: Grade of 87% or below in Honors American Literature, 80% or above in College Prep American Literature.

HONORS WORLD LITERATURE & COMPOSITION**Course #: 0133**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This course is a survey/study of the major literary topics and themes from across the globe throughout many time periods. A wide range of genres and styles will be covered. It will cover literature at an accelerated pace and require more extensive independent learning with an emphasis on critical thinking and analytical skills both in class discussions and in independent writing. A research paper will be required.

Prerequisite: Grade of 88% or above in Honors British Literature, 93% or above in College Prep British Literature.

WORLD LITERATURE & COMPOSITION 1**Course #: 0132**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The focus of this preparatory course will be the study of selected classics in World Literature. Through these works, students will be introduced to major topics and themes of the multi-cultural world throughout written history. Students will hone critical thinking and analytical skills both in class discussions and in independent writing. A research paper will be required.

Prerequisite: Grade of 87% or below in Honors British Literature, 80% or above in College Prep British Literature, 95% or above in Literature 1.

LITERATURE 2**Course #: 0131**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This course is an alternative to World Literature and is accepted as a Level 2 or college prep level course. The focus will be a continued study of famous authors and all literary genres with renewed emphasis on improving writing skills. A research paper will be required.

Prerequisite: Grade of 70%-80% in College Prep British Literature, 70%-94% in Literature 1.

HONORS JOURNALISM 1**Course #: 0142**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This elective course focuses on developing the skills necessary to produce the school newspaper. Students will write, edit, and design issues of The Crusader and The Young Crusader. Emphasis will be placed on developing a journalistic writing style suitable to news, features, editorial, and sports articles. Students develop a proficiency in computer design using Microsoft Publisher. Time outside of class is required to complete interviews, report, write, design, etc. Class size is limited.

Prerequisite: Grade of 88% or above in prior-year Honors English course or 93% or above in prior-year College Prep English course.

HONORS JOURNALISM 2**Course #: 0143**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This elective course is open to students who have successfully completed Honors Journalism 1. The class will run concurrently with Journalism 1. Students will develop newspaper guidelines, and update graphic elements of computer design. Students in Honors Journalism 2 will function as managing editors of The Crusader, overseeing the entire writing and production process. Time outside of class is required to complete work. Class size is limited

Prerequisite: Grade of 88% or above in Honors Journalism 1.

HONORS COLLEGE WRITING 1 & LITERATURE**Course #: 0135**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This writing-intensive course is designed to advance writing skills for students entering a four-year college or university. Emphasis is placed on the study of writing techniques and forms. The course covers writing and literature topics at an accelerated pace and requires extensive independent learning, critical thinking, and analysis. The focus is on preparing students for the rigors of college writing through a range of writing assignments as well as related study of literary works from various genres.

Prerequisite: Grade of 88% or above in Honors British Literature, 93% or above in College Prep British Literature and successful completion of 5-paragraph essay assignment.

COLLEGE WRITING & LITERATURE**Course #: 0134**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This writing-intensive course is designed to develop writing skills for students entering a four-year college or university. Emphasis is placed on the study of writing techniques and forms. The course covers writing and literature topics and requires independent learning, critical thinking, and analysis. The focus is on preparing students for the rigors of college writing through a range of writing assignments as well as related study of literary works from various genres.

Prerequisite: Grade of 87% or below in Honors British Literature, 88% or above in College Prep British Literature and successful completion of 5-paragraph essay assignment.

AP ENGLISH LANGUAGE & COMPOSITION**Course #: 0124**Credit: **1.00**Level: **Advanced**

Placement

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The content for this course complies with the requirements set forth in the College Board English Language and Composition course description and the syllabus used is approved by the College Board AP course audit committee. Students will be required to read and write in a variety of rhetorical contexts and purposes with a focus on nonfiction sources at an accelerated pace. Students who elect to take this course are required to take the AP English Language and Composition exam in May. (Fee required.)

Prerequisite: Grade of 93% or above in Honors American Literature.

THEATER CLASS**Course #: 0141**Credit: **0.50**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Whether you have some or no experience in theater, this course will open new doors and provide a firm understanding of the actor's craft. We will begin with some basic improvisatory exercises to explore basic principles of acting, which will help you expand your expressive capabilities, imagination and spontaneity, and give you greater confidence on stage and in front of people. At the same time, you will use your growing knowledge of the craft to analyze the work of actors on stage and film. Finally, you will work on scenes and monologues from various plays, giving you the basic tools of text analysis, the principle tool with which an actor figures out a text. It is my hope to incorporate performance opportunities with an audience throughout the semester.

CREATIVE WRITING**Course #: 0140**Credit: **0.50**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Students in this writing-intensive elective course will read, critique, and compose original poetry, essays, short fiction, and creative non-fiction. Students will examine the works of published writers as well as peers to discover, expand, and refine their own skills, voice, and repertoire. Drawing inspiration from their own life and experiences as well as the works of notable authors, students will compose a plethora of original prose, helping to incorporate their own unique creativity and style in their written work. The course is designed to mold students as both dynamic writers as well as readers who think as writers. It provides an opportunity for upper class high school students to pursue advanced creative writing work. Each student will submit at least one completed piece for publication in a yearly literary magazine.

AP ENGLISH LITERATURE**Course #: 0136**Credit: **1.00**Level: **Advanced****Placement**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The content for this course complies with the requirements set forth by the College Board English Literature and Composition course description and the syllabus is approved by the College Board AP course audit committee. The purpose of this class is to provide students with the opportunity to read, analyze research, discuss, and write about literature with the depth and sophistication expected in an introductory college class. This will be accomplished through the study of a wide range of authors and various genres, including novels, short stories, poems, and plays. Students will be encouraged to appreciate the beauty and artistry of literary works while developing close reading, critical thinking, oral communication, and writing skills. Students who elect to take this course are required to take the AP English Literature and Composition exam in May (Fee Required).

Prerequisite: Summer reading requirement. 93% or above in Honors British Literature or a 90% or above in AP English Language and Composition.

FOREIGN LANGUAGE DEPARTMENT COURSE DESCRIPTIONS

SPANISH 1

Course #: 0502

Credit: **1.00**

Level: **College Prep**

9th 10th 11th 12th

The student is immersed into the discovery of the Spanish language and culture. On this level, the student will be introduced to the fundamentals of conversational and grammatical patterns through oral and written practice. Class activities include the integration of technology. An effort is made to present basic vocabulary and grammar in the target language. By means of these exercises, the student should achieve a comfortable proficiency at this level in using the skills of listening, understanding, reading, writing, and speaking.

Prerequisite: The student must have attained at least a seventh-grade reading level and a knowledge of basic English grammar.

SPANISH 2

Course #: 0512

Credit: **1.00**

Level: **College Prep**

9th 10th 11th 12th

This course aims to continue the development of the four basic skills of language acquisition. Students review grammar extensively and will be expected to apply these skills in communicative activities in the classroom. The use of the target language is continued.

Prerequisite: Grade of 70% or above in Spanish 1.

HONORS SPANISH 3

Course #: 0522

Credit: **1.00**

Level: **Honors**

9th 10th 11th 12th

This course is a review as well as an expansion of the most difficult grammar points in the Spanish language and an introduction to Spanish literature. Reading comprehension skills are polished through excerpts from various Spanish and Latin American literature pieces, such as Don Quixote. Classes are mostly conducted in the target language.

Prerequisite: Grade of 85% or above in Spanish 2.

HONORS SPANISH 4

Course #: 0532

Credit: **1.00**

Level: **Honors**

9th 10th 11th 12th

During this course student are exposed to numerous literature pieces from Spanish and Latin American authors. The students will have the opportunity to apply advanced grammar and vocabulary studied previous years. Extensive writing and discussion in Spanish is expected.

Prerequisite: Grade of 85% or above in Spanish 3.

FRENCH 1

Course #: 0501

Credit: **1.00**

Level: **College Prep**

9th 10th 11th 12th

French 1 serves as an introduction to the language and culture of French-speaking people throughout the world. The goal of this course is a mastery of the four basic language skills with particular emphasis on the development of good pronunciation and strong oral skills. After the first year, the student should possess a basic vocabulary and should know the basic grammar of the French language. These goals should always be pursued in the target language.

Prerequisite: The student must have attained at least a seventh-grade reading level and have knowledge of basic English grammar.

FRENCH 2**Course #: 0511**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

French 2 continues to build the foundation begun in French 1. The development of the four language skills continues. The course goes into the study of grammar in depth, expands vocabulary toward a greater proficiency, and at all times stresses the use of French as the primary language of communication.

*Prerequisite: Grade of 70% or above in French 1.***HONORS FRENCH 3****Course #: 0521**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

French 3 builds upon the vocabulary and grammar foundations of French 1 and French 2. The development of the four skills is continued with emphasis upon reading and writing. Cultural aspects of modern-day France are also studied and select twentieth century literature is discussed.

*Prerequisite: Grade of 85% or above in French 2.***HONORS FRENCH 4****Course #: 0531**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This course builds upon the vocabulary and grammar foundation of French 1, 2, and 3. The development of the four skills is continued with emphasis upon reading and writing, preparing the student for solid college foundation. It also presents an overview of the complete history of France up to and including the twenty century. French achievements in the arts, sciences, and literature will be discussed in conjunction with the historical events of the period. Excerpts from the works of the authors of the time will be read in an effort to relate the impact of life upon literature.

*Prerequisite: Grade of 85% or above in French 3.***ITALIAN 1****Course #: 0503**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

In this course students will be introduced to the Italian language and culture. Students will learn basic pronunciation, vocabulary, and grammatical construction through oral and written practice. Material will be presented in meaningful activities that emphasize all four language skills: speaking, listening, reading, and writing. Cultural knowledge that will build a deeper understanding of Italy is a crucial component of the course content. The instructor will use the target language as much as possible in class to create the context for language development.

*Prerequisite: The student must have attained at least a seventh-grade reading level and have knowledge of basic English grammar.***ITALIAN 2****Course #: 0513**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

In Italian 2 students will continue to build upon the foundation learned in Italian 1. Further development of the four language skills of speaking, listening, reading, and writing is an essential part of this course. Classes will continue to utilize material that integrates the study of the Italian language, customs, and culture in both traditional and multi-tiered fashion. Italian as the primary language of communication will be stressed.

Prerequisite: Grade of 70% or above in Italian 1.

HONORS ITALIAN 3

Course #: 0523

Credit: **1.00**

Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The focus of the Italian 3 curriculum is to increase the student’s ability to communicate in Italian. Students will continue to build on the skills acquired in Italian 2, striving for a higher level of sophistication and fluency in writing, reading, listening, and speaking. In this course, students will be exposed to vocabulary, grammar, an in-depth understanding of contemporary Italian culture, distinctive and cohesive integration of videos, as well as reading various forms of literature. Classes are mostly conducted in the target language.

Prerequisite: Grade of 85% or above in Italian 2.

HONORS ITALIAN 4

Course #: 0533

Credit: **1.00**

Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Italian 4 Honors is an advanced-level course designed for students who have successfully completed Italian 3 and wish to refine their proficiency in the Italian language while deepening their understanding of Italian culture, history, and literature. This course emphasizes advanced communication skills, critical thinking, and cultural analysis through an immersive approach.

Prerequisite: Grade of 85% or above in Italian 3.

HEALTH, PHYSICAL EDUCATION & DRIVER EDUCATION COURSE DESCRIPTIONS

PHYSICAL EDUCATION/ WELLNESS

Course #: 0810

Credit: 0.50

The physical education program will promote the physical facet of the total person.

Level: College Prep

This class provides students with the fundamental skills of team sports, individual and lifetime sports, and recreation activities.

9th 10th 11th 12th

PRINCIPLES OF SUCCESSFULL COACHING

Course #: 0840

Credit: 0.50

This course is a comprehensive introduction to the coaching profession. Emphasis is placed on sport at the high school and club levels. Consideration is also given to coaching at other levels, such as youth, recreational and intercollegiate sport programs. The primary goal of the course is to develop and enhance students' knowledge and understanding of concepts and techniques of coaching and their application to achieving important objectives in working with athletes.

Level: College Prep

9th 10th 11th 12th

FIRST AID TRAINING

Course #: 0841

Credit: 0.50

Students will learn emergency first aid treatment and prevention of injuries. This will help students learn the appropriate steps necessary to help the victim until professional help arrives. If time permits students will take their tests needed to be First Aid and CPR certified.

Level: College Prep

9th 10th 11th 12th

SPORTS MANAGEMENT 1

Course #: 0842

Credit: 0.50

This semester class will give students an overview of sports management from a potential career perspective.

Level: College Prep

9th 10th 11th 12th

ADVANCED TEAM SPORTS

Course #: 0843

Credit: 0.50

This course is designed for advanced physical education athletes/students. This course provides an opportunity for students to perform in a variety of competitive sports. It is appropriate for students who are team sports oriented, including but not limited to: football, soccer, Frisbee, basketball, hockey, handball, lacrosse, softball, volleyball, and tennis. Various other vigorous team activities may be supplemented depending on space availability. This is a coed class that is offered to 11th and 12th grade students.

Level: College Prep

9th 10th 11th 12th

SELF DEFENSE AND WELLNESS

Course #: 0844

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

Learn to shield yourself by arming your body with the BEST, STRONGEST version of yourself. Arm your body and be able to protect yourself with assertive self-defense moves. Learn & practice basic kicks & punches given a variety of life-like scenarios. Refresh your mind with a strong outlook when we are building positive mental strength; learn verbal confrontation skills and safety strategies. Lift your spirit with an abundance of wellness resources including, confidence builder activities. Students will practice being consistently present in heart, mind and soul; students have the opportunity to demonstrate this by being alert and having a sense of their surroundings with confidence through physiological and psychological exercise to concept any situations with this course. Shield your body from vulnerability and present the world with your well-rounded, STRONGEST version of yourself.

TONE & STRENGTHEN

Course #: 0845

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

In response to the headlines concerning lack of exercise and the effects on one's health, Notre Dame is offering a semester class for interested students to change their level of exercise! During the semester, students will have the opportunity to develop their own personal fitness program. Approximately 60% of the class will be spent in the weight room or using strength training videos, and the remainder will involve the group participating in a cardio workout. The goal is for each participant to develop an active lifestyle that will have positive effects now and for the future. Whether you are an experienced athlete or a beginner in exercise, this class will benefit your overall health and wellness.

DRIVER EDUCATION

Course #: 0850

Credit: **0.25**

Level: **Minor**

9th 10th 11th 12th

The course in Driver Education will attempt not only to teach the basic driving skills but also to help the student develop good understanding, attitudes and judgment for safe driving in our increasingly complex traffic situation.

MATH DEPARTMENT COURSE DESCRIPTIONS

ALGEBRA 1

Course #: 0302

Credit: **1.00**

Level: **College Prep**

9th 10th 11th 12th

This course provides the student a college-preparatory foundation in the fundamental concepts of algebra. Topics include: algebraic concepts of operation, solving equations in one and two variables, solving inequalities in one and two variables, word problem applications, operations on polynomials, special products and factoring, the coordinate plane, graphs of linear equations, functions and relations, and an introduction to rational expressions. Prerequisites: Qualifying score based on the freshman placement test.

Prerequisite: None

HONORS ALGEBRA 1

Course #: 0303

Credit: **1.00**

Level: **Honors**

9th 10th 11th 12th

This course offers an in-depth study of the topics included in the Algebra 1 course. In addition to the topics listed in the Algebra 1 course description, the following topics are included: slope, compound equations and inequalities, fractional equations, complex fractions, radicals, and radical equations. Prerequisites: Qualifying score based on the freshman placement test.

Prerequisite: None

FUNDAMENTALS OF ALGEBRA 1

Course #: 0306

Credit: **1.00**

Level: **Basic Level**

9th 10th 11th 12th

This course is designed for the students who do not meet the qualifying Algebra 1 score on the freshman placement test and require additional preparation in algebraic concepts. The curriculum covers essential Algebra 1 principles including real number operations, linear equations and inequalities, functions and their graphs, and exponent rules.

Prerequisite: Qualifying score based on the freshman placement test.

BASIC ALGEBRA 1, PART 2

Course #: 0311

Credit: **1.00**

Level: **Basic Level**

9th 10th 11th 12th

This course is the sequel to Basic Algebra 1, Part 1. The material covered in this course includes: Functions and their graphs, solving linear equations and inequalities, rational expressions and exponents.

Prerequisite: Grade of 70% or above in Basic Algebra 1, Part 1.

ALGEBRA 2

Course #: 0312

Credit: **1.00**

Level: **College Prep**

9th 10th 11th 12th

This course, which includes a study of the real number system, emphasizes factoring of polynomials, operations with algebraic polynomials, functions and their graphs, solutions and graphs of quadratic equations and inequalities, and complex numbers. A TI 83/84 graphing calculator is required for this course. Prerequisites: Current teacher recommendation, grade 70 or above in Algebra 1, or qualifying score on freshman placement test.

Prerequisite: None

HONORS ALGEBRA 2**Course #: 0313**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This course includes a study of the real and complex number system. Major topics include the study of first and second degree equations and inequalities, functions, polynomials, rational and radical expressions and equations right triangle trigonometry and matrices (time permitting). A TI-83/84 graphing calculator is required for this course.

Prerequisite: Grade of 88% or above in Honors Algebra 1 or grade 95% or above in Algebra 1, or qualifying score on freshman placement test.

FUNDAMENTALS OF GEOMETRY**Course #: 0320**Credit: **1.00**Level: **Basic Level**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

This course includes the traditional topics of Geometry with less emphasis on deductive proofs and more emphasis on applications of geometric logic in everyday life. Theorems are investigated through practical work with protractors, compasses, and rulers.

Prerequisite: Grade of 70% or above in Basic Alg. 1, Part 2.

GEOMETRY**Course #: 0321**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

This course covers the traditional topics of a first-year geometry course including: angles, lines and planes, parallelism, properties of polygons, congruence and similarity of polygons, area and volume, introductory coordinate Geometry, and construction.

Prerequisite: Grade of 70% or above in Algebra 2.

HONORS GEOMETRY**Course #: 0322**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

This course investigates the traditional topics of a high school geometry curriculum including the study of angles, lines, planes, properties of polygons, circles, similarity, congruence, area, volume, and proof writing.

Prerequisite: Grade of 88% or above in Hon. Algebra 2; 95% or above in Algebra 2.

HONORS PRE-CALCULUS**Course #: 0323**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Topics consist of the study of functions, including polynomial, exponential, logarithmic, and trigonometric functions and their applications, conic sections, matrices and probability and statistics. (Time permitting). A TI83/84 graphing calculator is required for this course.

Prerequisite: Grade of 88% or above in Hon. Alg. 2 and Hon. Geometry or grade 95% or above in Alg. 2 and Geometry.

AP PRE-CALCULUS**Course #: 0324**Credit: **1.00**Level: **Advanced****Placement**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The content for this course complies with the requirements set forth in the College Board Pre-calculus course framework. Topics covered include Polynomial and Rational Functions, Exponential and Logarithmic Functions, and Trigonometric and Polar Functions. If time permits, the additional topics of Functions Involving Parameters, Vectors, and Matrices could be covered (although those topics will not be covered on the AP exam.) Students who elect to take this course are required to take the Pre-calculus exam in May. (Fee required.) A TI-83/84 graphing calculator is required for this course. *For those students that will attend DeSales University upon graduation from Notre Dame, college credit will be given by DeSales for successful completion of the course.

Prerequisite: Grade of 90% or higher in Honors Geometry and Honors Algebra. May only be taken by Sophomores with approval from the Assistant Principal.

FUNDAMENTALS OF ALGEBRA 2**Course #: 0330**Credit: **1.00**Level: **Basic Level**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This course includes the traditional topics covered in Algebra 2 with less emphasis on theory and more practice in application. Algebra 1 topics are reinforced and expanded to include the study of second degree (quadratic) equations and inequalities.

Prerequisite: Grade of 70% or higher in Basic Geometry.

CP PRE-CALCULUS**Course #: 0331**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This course will cover topics typically found in a Pre-calculus course but at a college prep level. The student will learn about properties of functions, polynomials, rational functions, exponential and logarithmic functions, right triangle and analytical trigonometry, matrices and probability and statistics (time permitting.) It is expected that students who register for this class have a strong algebraic background in various algebra 2 topics such as factoring and solving equations. A TI-83/84 graphing calculator is required for this course.

Prerequisite: Completion of Algebra 2 and Geometry with a grade of 87% or higher or completion of Honors Algebra 2 and Honors Geometry with a grade between 80% and 87%. Note: Students who take this class in 11th grade are not eligible to take AP or Honors Calculus or Pre-calculus the following year.

HONORS CALCULUS**Course #: 0332**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The course will cover limits, derivatives, and integrals with applications from Analytic Geometry. It will stress practical rather than theoretical aspects and will emphasize the use of real-life applications. This course will NOT prepare the students for the AP Calculus Exam. A TI-83/84 graphing calculator is required for this course.

Prerequisite: Grade of 82% or above in Honors Pre-Calculus or grade of 80% or higher in AP Pre-Calculus.

AP CALCULUS (AB)**Course #: 0333**Credit: **1.00**Level: **Advanced****Placement**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The content for this course complies with the requirements set forth in the College Board Calculus (AB) course description and the syllabus used was approved by the College Board AP course audit committee. Topics covered include limits, derivatives, definite and indefinite integrals and their applications.

Students who elect to take this course are required to take the AP Calculus (AB) exam in May. (Fee required.) A TI-83/84 graphing calculator is required for this course.

*For those students that will attend DeSales University upon graduation from Notre Dame, college credit will be given by DeSales for successful completion of the course.

Prerequisite: Grade of 90% or higher in Honors Pre-calculus or Grade of 84% or higher in AP Pre-calculus.

HONORS PROBABILITY & STATISTICS**Course #: 0340**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This course will involve the student in developing critical attitudes towards collecting, treating, and analyzing data. Topics include: methods for describing sets of data, probability, random variables, sampling distributions, confidence intervals, and hypothesis testing. A TI-83/84 graphing calculator is required for this course.

Prerequisite: Grade of 90% or above in CP Pre-calculus or 70% or above in Honors Pre-calculus.

MATH IN THE MODERN WORLD**Course #: 0341**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This course is designed for those students who would like to take a fourth year of math but do not qualify or do not want to take College Prep Pre-calculus. The curriculum will cover topics typically found in introductory college level math classes such as sets, logic, number theory, probability and statistics, number systems and consumer math.

Prerequisite: Completion of two years of College Prep Algebra and College Prep Geometry with a grade between 75% and 86% or completion of Honors Algebra 2/ Honors Geometry with a grade below 80%.

Students who wish to take a summer course in mathematics need the prior approval of the department chair, guidance counselor, and assistant principal. Completion of a summer course does not allow for movement from a basic level class to a college prep level class or from a college prep class to an honors class.

SCIENCE DEPARTMENT COURSE DESCRIPTIONS

BASICS CONCEPTUAL PHYSICS

Course #: 0401

Credit: 1.00

Level: Basic

9th 10th 11th 12th

Conceptual physics is a two-semester; laboratory-based science course with an emphasis on the scientific method and the fundamental principles of physics. This course offers the subject matter of a traditional physics course emphasizing physics in a low-mathematical context. This course is designed to provide students with a foundation for further study in other sciences. General areas of study will include mechanics, properties of matter, heat, sound and light. Students will apply algebraic skills to problem solving through the course.

Prerequisite: Concurrent enrollment in Algebra I, Part 1.

CP CONCEPTUAL PHYSICS

Course #: 0402

Credit: 1.00

Level: College Prep

9th 10th 11th 12th

Conceptual Physics is a two-semester, laboratory-based science course with an emphasis on the scientific method and fundamental principles of physics. This course is designed to provide students with a foundation for further study in biology, chemistry and the advanced science courses. General areas of study will include mechanics, properties of matter, heat, sound and light. Students will apply algebraic skills to problem solving throughout the course.

Prerequisite: Concurrent enrollment in CP Algebra I.

HONORS CONCEPTUAL PHYSICS

Course #: 0403

Credit: 1.00

Level: Honors

9th 10th 11th 12th

Conceptual physics is a two-semester, laboratory-based science course with an emphasis on the scientific method and the fundamental principles of physics. This course offers the subject matter of a traditional physics course emphasizing physics and seeking to improve students' math skills by applying algebraic skills to problem solving, and introduce students to higher order thinking. This course is designed to provide students with a foundation for further study in biology, chemistry, and the advanced science courses. General areas of study will include mechanics, properties of matter, heat, sound, light, electricity and magnetism, atomic and nuclear physics and relativity. Students will apply algebraic skills to problem solving throughout the course.

Prerequisite: Concurrent enrollment in Honors Algebra I.

BASIC BIOLOGY

Course #: 0411

Credit: 1.00

Level: Basic Level

9th 10th 11th 12th

This full-year course introduces to the student basic biological principles. A systemic approach to understanding these basic principles is employed in the classroom. Interactive science note books will be used. Students will be able to identify ideas they do not understand and reinforce the ideas that they do understand. Hands-on experience in the laboratory is provided to reinforce concepts learned in class. This will be offered pending number of students signed up and availability of scheduling.

Prerequisite: Student must have completed Conceptual Physics (regular or basic) before scheduling this course.

BIOLOGY 1**Course #: 0412**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This full-year course introduces the science students to biological principles in the fields of cytology, zoology, botany, human development, genetics, evolution, and ecology. Selected laboratory experiences and dissections are provided to reinforce the concepts to be mastered. Science projects and group work will be required.

Prerequisite: 80% minimum grade in Conceptual Physics or; 95% minimum grade in Basic Conceptual Physics.

HONORS BIOLOGY**Course #: 0413**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This full-year course is designed for the student who is adept at, and interested in science. Major biological concepts in the fields of cytology, zoology, botany, genetics, evolution, and ecology are presented in class lectures. These concepts are reinforced through laboratory experiences, dissections, and supplemental readings. Students will be required to complete independent research and group projects to improve higher order thinking skills.

Prerequisite: 85% minimum grade in Honors Conceptual Physics or 95% minimum grade in CP Conceptual Physics. Incoming freshmen must receive a passing grade on the math placement exam, and take Honors Algebra 2 concurrently.

ENVIRONMENTAL SCIENCE**Course #: 0420**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This full-year course is for the student who needs a third year of science, but does not require chemistry or physics. Environmental Science is an interdisciplinary course that integrates biology, earth science, chemistry, and other disciplines. Students enrolled in this course conduct in-depth scientific studies of ecosystems, population dynamics, resource management, and environmental consequences of natural and anthropogenic processes. Students formulate, design, and carry out laboratory and field investigations as essential course components. Students completing Environmental Science acquire the essential tools for understanding the complexities of national and global environmental systems. Hands-on activities and laboratory experiments will be performed to further enhance learning.

Prerequisite: Current science teacher recommendation and successful completion of two years of science.

CHEMISTRY IN THE COMMUNITY**Course #: 0421**Credit: **1.00**Level: **Basic Level**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Chemistry in the Community is a first-year high school chemistry course that teaches chemistry concepts through the lens of societal issues. The seven units use real world examples to expose students to concepts in materials science, environmental chemistry, organic chemistry, biochemistry, and industrial chemistry. This course is designed for the student who is not necessarily interested in a career in the sciences. Students evaluate data and make decisions based on their observations and knowledge gained through the curriculum.

Prerequisite: Passing grades in Basic Biology or Biology 1.

CHEMISTRY 1**Course #: 0422**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This course introduces the student to the basic principles of chemistry including atomic theory, chemical reactions, and stoichiometry. Problem solving and development of thinking skills are emphasized.

Where possible, the course work is supported by laboratory work.

Prerequisite: Grade of 80% or above in Biology and Algebra 2 and must have taken Algebra 1 (Not Algebra 1 Part 1 & 2)

HONORS CHEMISTRY**Course #: 0423**Credit: **1.00**Level: **Honors**9th 10th 11th 12th

This is a high level college preparatory course designed for students who exhibit an aptitude and interest in science and math. Problem solving and analytical thinking skills are emphasized. The course examines the basic principles of chemistry including atomic theory, periodic laws, chemical reactions, stoichiometry, and energy considerations. Where possible, the course work is supported by laboratory work.

Prerequisite: Grade of 87% or above in Honors Biology and Honors Algebra 2, 95% or above in General Biology and mathematics.

ADVANCED PLACEMENT CHEMISTRY**Course #: 0424**Credit: **1.00**Level: **Advanced****Placement**9th 10th 11th 12th

This AP Chemistry course is designed to be the equivalent of the General Chemistry course usually taken during the first college year. This course should contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. In addition to class time, students will need to spend at least seven and a half hours a week studying outside of class. All students interested in AP Chemistry should refer to NDHS AP policy. A review packet will be distributed in May in order to assist the students in review of the material. Students will need to stay after school or come in early one or two days a week to perform laboratory experiments. Prior to the student's enrollment in AP Chemistry, parents and students must sign a letter of understanding.

Prerequisite: Grade of 90% or above in Honors Chemistry 1, 97% or above in General Chemistry, 90% in Honors Algebra 2.

ADVANCED PLACEMENT BIOLOGY**Course #: 0425**Credit: **1.00**Level: **Advanced****Placement**9th 10th 11th 12th

This is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The AP Biology course is equivalent to a two-semester college introductory biology course for biology majors. The framework of this course specifies what students must know, be able to do, and understand, with a focus on the big ideas that encompass core principles, theories, and processes of the discipline. The framework also encourages instruction that prepares students for advanced work in STEM and life science-related majors.

Laboratory Requirement: This course requires approximately 25% of instructional time spend in hands on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

Prerequisite: Students should have successfully completed Honors Biology and Honors Chemistry, or earned a 90 or better in CP Chem.

GENERAL PHYSICS**Course #: 0430**Credit: **1.00**Level: **College Prep**9th 10th 11th 12th

This is a college preparatory course designed to expose students to the theory and application of such topics as motion, dynamics, heat, light, sound, and electricity. It is a problem-solving course taught with emphasis on the development of independent thinking skills. It will be supported by laboratory work as time allows.

Prerequisite: Grade of 80% in Conceptual Physics or Chemistry, 85% or above in Algebra 2 (may be taken concurrently).

HONORS PHYSICS**Course #: 0431**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This high-level course is designed for students who desire to prepare themselves for college level science and math courses. This mathematical science courses entails in-depth study of motion, dynamics, heat, light, sound, and electricity, as well as an introduction to quantum mechanics and nuclear physics.

Prerequisite: Grade of 85% or better in Honors Conceptual Physics or Honors Chemistry, Algebra 2, AND Honors Pre-Calculus (may be taken concurrently).

ADVANCED PLACEMENT PHYSICS**Course #: 0432**Credit: **1.00**Level: **Advanced****Placement**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This AP course is designed to be the equivalent of the General Physics course usually taken in college. This course will encourage the students to think critically by using guided inquiry and student-centered learning. The students will be expected to spend at least seven and a half hours a week of study outside of class time. Students should also be prepared to stay after school one or two days a week to perform laboratory experiments. A packet of summer assignments will be distributed in May to be turned in on the first day of school. All students interested in AP Physics should refer to the NDHS AP policy. Prior to enrollment, students and parents will be required to sign a letter of understanding.

Prerequisite: Grade of 90% in Honors Physics and Honors Algebra II or 95% in General Physics and General Algebra II.

CP ANATOMY AND PHYSIOLOGY**Course #: 0435**Credit: **1.00**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Anatomy and Physiology college prep is a full year laboratory science course elective designed to engage the students in a study of structure and function in living organisms. Students will participate in investigations and activities that will explore the microscopic structure of single cells as they relate to the function of the human body systems. The diversity of living systems is stressed throughout the course. Laboratory work including dissections, student presentations, are an integral component of this Anatomy and Physiology college prep course.

Prerequisite: A grade of 80% or better in both General Biology and General Chemistry (or be taking chemistry concurrently).

HONORS ANATOMY AND PHYSIOLOGY**Course #: 0436**Credit: **1.00**Level: **Honors**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

This academically rigorous course is designed for those students who have the initiative to work independently on a number of topics. It is designed to give an in-depth presentation of the anatomy, physiology and pathology of selected systems of the human body. It will rely heavily on background established in Biology. The course is paced so that it provides a challenge to scientifically adept and motivated juniors and seniors. Selected laboratory experiences, dissections, and readings are an integral part of the learning experience.

Prerequisite: Grade of 80% or above in Honors Chemistry.

MEDICAL MICROBIOLOGY & INFECTIOUS DISEASES**Course #: 0440**Credit: **0.50**

Medical Microbiology and Infectious Diseases (Semester Course)

Level: **College Prep**

Medical microbiology and infectious diseases covers mechanisms of infectious disease transmission, principles of aseptic practice, and the role of the human body's normal microflora. The biology of bacterial, viral, fungal, and parasitic pathogens and the diseases they cause will be discussed along with public health threats, antibiotic resistance and the microbiome. There will be a laboratory component to this course.

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*Prerequisite: Grade of 80% or better in Biology with a junior or senior status.***FORENSIC SCIENCE****Course #: 0441**Credit: **0.50**

Forensic Science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. It includes the investigation of fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisons, drugs, blood spatters, and blood samples. Students are taught the proper collection, preservation and laboratory analysis of various samples.

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*Prerequisite: Successful completion of at least two years of science including Biology. Chemistry is recommended for this course but not required.***EARTH AND SPACE SCIENCE SEMESTER****Course #: 0442**Credit: **0.50**

This semester course is for the student interested in taking a science course that focuses on the study of the Earth's lithosphere, atmosphere, hydrosphere, and its celestial environment. Students enrolled in this course analyze and describe Earth's interconnected systems and how they are changing due to natural processes and human influence. Hands-on activities and laboratory experiments will be performed to further enhance learning.

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*Prerequisite: Current science teacher recommendation and successful completion of two years of science.***AGRICULTURAL SCIENCE SEMESTER 2****Course #: 0443**Credit: **0.50**

This semester course is for the student interested in taking a science course to explore the fundamentals of horticulture and the basics of gardening. The students will be kept abreast of current issues dealing with career possibilities in horticulture science. Hands-on activities and laboratory experiments will be performed to further enhance learning.

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*Prerequisite: Successful completion of two years of science.***AUTOIMMUNE DISEASES****Course #: 0444**Credit: **0.50**

Class will learn what makes a disease to be considered an autoimmune disease and how it affects the human body. They will learn the specifics of the more common autoimmune diseases such as: Type 1 Diabetes, Rheumatoid Arthritis, Multiple Sclerosis, Lupus, Crohns and Ulcerative Colitis. They will learn how to identify the symptoms as well as what populations are more susceptible to the diseases. They will learn current treatments and the status of research on new treatments and cures.

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Prerequisite: None

SOCIAL STUDIES DEPARTMENT COURSE DESCRIPTIONS

AMERICAN CULTURES (1865-PRESENT)

Course #: 0202

Credit: **1.00**

Level: **College Prep**

9th 10th 11th 12th

American Cultures is an American history course focusing on the political, economic, social, and cultural development of the United States from Reconstruction to the dawn of the 21st Century. The course will build on the background students have from their previous U.S. history courses in lower grades. Historical thinking skills such as document analysis, stimulus based questioning, continuity and change over time, and historical relevance will be introduced in this course.

HONORS AMERICAN CULTURES (1865-PRESENT)

Course #: 0203

Credit: **1.00**

Level: **Honors**

9th 10th 11th 12th

Honors American Cultures is an American history course focusing on the political, economic, social, and cultural development of the United States from Reconstruction to the dawn of the 21st Century. The course will build on the background students have from their previous U.S. history courses in lower grades. Historical thinking skills such as document analysis, stimulus based questioning, continuity and change over time, and historical relevance will be introduced in this course. Honors American Cultures differs from American Cultures in that students are expected to complete independent reading of material, including but not limited to the assigned textbook and/or any supplemental material. The course will dive deeper into the themes covered, and move at a faster pace.

Prerequisite: Placement in Honors American Cultures is dependent on the English Placement Test Score.

WORLD CULTURES

Course #: 0211

Credit: **1.00**

Level: **College Prep**

9th 10th 11th 12th

World Cultures is a world history course that will focus on the political, economic, social, and cultural development of the modern world. The historical time period covered will originate with the Enlightenment period in Europe and conclude at the dawn of the 21st Century. The course will explore the origins and dominance of Western Culture in the world today, and the reactions to that dominance. Historical thinking skills such as document analysis, stimulus based questioning, continuity and change over time, and historical relevance will be further refined in this course. Historical writing through the use of Document Based Essays and Thematic Essays will be introduced in this course.

HONORS WORLD CULTURES

Course #: 0212

Credit: **1.00**

Level: **Honors**

9th 10th 11th 12th

Honors World Cultures is a world history course that will focus on the political, economic, social, and cultural development of the modern world. The historical time period covered will originate with the Enlightenment period in Europe and conclude at the dawn of the 21st Century. The course will explore the origins and dominance of Western Culture in the world today, and the reactions to that dominance. Historical thinking skills such as document analysis, stimulus based questioning, continuity and change over time, and historical relevance will be further refined in this course. Historical writing through the use of Document Based Essays and Thematic Essays will be introduced in this course. Honors World Cultures differs from World Cultures in that students are expected to complete independent reading of material, including but not limited to the assigned textbook and/or any supplemental material. The course will dive deeper into the themes covered, and move at a faster pace.

Prerequisite: A minimum of a 93% average in a College Prep history course or a minimum of a 90% average in an Honors level history course

ADVANCED PLACEMENT U.S. HISTORY

Course #: 0224

Credit: **1.00**

Level: **Advanced**

Placement

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Advanced Placement U.S. History is an introductory college-level U.S. history survey course. Students cultivate their understanding of U.S. history from c. 1491 CE to the dawn of the 21st Century through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. The course requires extensive independent reading of both the textbook and/or any supplemental material. Historical thinking skills such as document analysis, stimulus based questioning, continuity and change over time, and historical relevance will be elevated in this course to college readiness. Historical writing through the use of Document Based Essays and Thematic/Long Essays will be elevated in this course to college readiness.

Prerequisite: 1.) A minimum of a 90% average in Honors American Cultures and/or Honors World Cultures, and Honors American Literature 2.) A minimum of a 93% average in American Cultures and/or World Cultures, and American Literature

ADVANCED PLACEMENT WORLD HISTORY (MODERN)

Course #: 0226

Credit: **1.00**

Level: **Advanced**

Placement

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

AP World History (Modern) is an introductory college-level modern world history survey course. Students cultivate their understanding of world history from c. 1200 CE to the dawn of the 21st Century through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

The course requires extensive independent reading of both the textbook and/or any supplemental material. Historical thinking skills such as document analysis, stimulus based questioning, continuity and change over time, and historical relevance will be elevated in this course to college readiness. Historical writing through the use of Document Based Essays and Thematic/Long Essays will be elevated in this course to college readiness.

Prerequisite: 1.) A minimum of a 90% average in Honors American Cultures and/or Honors World Cultures, and Honors American Literature 2.) A minimum of a 93% average in American Cultures and/or World Cultures, and American Literature

POLITICAL SCIENCE & ECONOMICS

Course #: 0231

Credit: **1.00**

Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Political Science and Economics will focus on an in-depth analysis of the American governmental system, and how economic policy shapes the lives of everyday Americans. The Political Science aspect of course will focus on the development, evolution, and interpretation of the Constitution of the United States through Supreme Court Cases, Constitutional Crisis, and social change. The Economic aspect of the course will focus on economic issues such as the Federal Reserve monetary policy/U.S. banking system, the Stock Market, and government power to tax and spend. Historical thinking skills such as document analysis, stimulus based questioning, continuity and change over time, and historical relevance will be elevated in this course to college readiness. Historical writing through the use of

Document Based Essays and Thematic Essays/Papers will be elevated in this course to college readiness.

HONORS POLITICAL SCIENCE

Course #: 0232

Credit: **1.00**

Level: **Honors**

9th 10th 11th 12th

Honors Political Science and Economics differs from Political Science and Economics in that students are expected to complete independent reading of material, including but not limited to the assigned textbook and/or any supplemental material. The course will dive deeper into the themes covered, and move at a faster pace.

Prerequisite: A minimum of a 93% average in a College Prep history course or a minimum of a 90% average in an Honors level history course.

AP UNITED STATES GOVERNMENT & POLITICS

Course #: 0233

Credit: **1.00**

Level: **Advanced**

Placement

9th 10th 11th 12th

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

AMERICAN CRIMINAL JUSTICE

Course #: 0240

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

Criminal Justice is a one-semester course designed to introduce students to the study of the basic elements of LAW ENFORCEMENT, COURTS, and CORRECTIONS. Considerable attention and mastery of the major terminology provides the students with the ability to completely understand the definitions of the major crimes, arrest and trial procedure, and the effects of Judicial Review by the U.S. Supreme Court. Amendments 4, 5, 6, 8, and 14 are an integral part of the study of court cases involving judicial review. Further understanding of the Criminal Justice System occurs through the study of ongoing criminal cases in the news. Throughout the course, students will conduct research, write analytical papers, and present findings that connect theories and concepts to real-world challenges faced by individuals and law enforcement on a daily basis. By the end of the semester, students will have gained a deeper appreciation of diverse perspectives on criminal justice and the tools to critically examine the world around them.

CURRENT EVENTS

Course #: 0241

Credit: **0.50**

Level: **College Prep**

9th 10th 11th 12th

Current Events is a one-semester course that invites students to explore the ever-evolving landscape of local, national, and global events. Students will critically examine contemporary issues across political, economic, environmental, and cultural contexts while developing a deeper understanding of their roles as active, informed citizens. Key topics include media literacy, civic engagement, policy-making, and the analysis of diverse perspectives. Students will investigate the causes and effects of current events, identify patterns in global and local developments, and evaluate solutions to pressing challenges, such as climate change, social justice, international conflicts, and technological advancements. Throughout the course, students will conduct research, write analytical papers, and present findings that will allow them to develop their ability to interpret news sources, evaluate credibility, and articulate well-reasoned arguments. By the end of the semester, students will be equipped to engage with the issues that shape our society today.

INTRODUCTION TO SOCIOLOGY**Course #: 0243**Credit: **0.50**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Introduction to Sociology is a one-semester course designed to introduce students to sociology, the study of human social behavior, structures, and institutions. Through a combination of engaging lectures and dynamic open discussions, students will explore key sociological themes such as culture, socialization, inequality, deviance, and social change. Emphasis will be placed on understanding the interconnectedness of individuals and larger social systems. Throughout the course, students will conduct research, write analytical papers, and present findings that connect sociological theories and concepts to current events and real-world challenges. By the end of the semester, students will have gained a deeper appreciation of diverse perspectives and the tools to critically examine the social world around them.

INTRODUCTION TO PSYCHOLOGY**Course #: 0244**Credit: **0.50**Level: **College Prep**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Introduction to Psychology is a one-semester course designed to introduce students to psychology, the study of the human mind, its function, types of Psychology, the influence of psychological studies and the effects on human behavior as a result of socio-cultural influences. Further topics include coping with stress, anxiety, depression, post-traumatic stress disorder, stages of human development, and stages of morality. Throughout the course, students will conduct research, write analytical papers, and present findings that connect psychological theories and concepts to real-world challenges faced by individuals on a daily basis. By the end of the semester, students will have gained a deeper appreciation of diverse perspectives and the tools to critically examine the world around them.

HISTORY IN LITERATURE**Course #: 0245**Credit: **0.50**Level: **Elective**

9th	10th	11th	12th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

History in Literature is a one-semester course designed to challenge students to incorporate skills from both history and literature. This course is designed to allow students to explore historical eras through literature and historical analysis. Students will be able to explore the relationship between historical reality and literary art while developing a greater understanding of the relationship between these two academic disciplines. Where appropriate, historical period films will be incorporated into the course to further emphasize the impact historical events have on the development of narrative art forms. The course will change themes each semester, focusing on new historical eras and literary pieces. By the end of the semester, students will have gained a deeper appreciation of the impact historical events have on the development and evolution of literature and film as art forms.

VHS LEARNING

If a student is interested in taking a class/subject not currently offered at Notre Dame, they may have the opportunity to take the course through our online provider, VHS Learning. Students enrolled in these classes have one (1) period of their regular class schedule set aside to work on their online class, but should be advised that they will also need to complete work outside of the school day (a standard level VHS course requires 6-8 hours per week, an Honors level course requires 8-10 hours per week, and an AP course requires 10-12 hours per week). The coursework is accessible to students anywhere that they have internet access. Using the VHS platform, students communicate with their online teacher, complete weekly coursework, and participate in discussion boards with classmates from around the world. The VHS teacher will set weekly assignments and due dates, and it is the student's responsibility to adhere to these.

Over 300 courses (including Advanced Placement) are offered through this program. The course work is intense; to be successful, students must be highly motivated, able to work independently, and have strong time management skills.

Students must have the approval of the Assistant Principal and the appropriate department chair to register for a VHS course. Once classes begin, students are NOT permitted to drop a VHS course for any reason. The VHS instructors, not the teachers at Notre Dame, assign grades. The grades are included as part of the student's grade point average, and Notre Dame's grading plan applies to these courses. Students may take a maximum of one (1) VHS course per semester.

For additional information, including the catalog of all available courses, please visit www.vhslearning.org.

VOCATIONAL-TECHNICAL PROGRAMS

The time-shared vocational-technical program is scheduled in collaboration with the Bethlehem Area Vocational-Technical School (BAVTS), which serves students who reside in the Bethlehem, Northampton, and Saucon Valley school districts, and the Career Institute of Technology (CIT), which serves students who reside in the Pen Argyl, Bangor, Easton, Nazareth, and Wilson school districts.

Notre Dame High School Administration recognizes that some high school students have special aptitudes and abilities in vocational and technical subjects which cannot be adequately provided for in the academic high school program. Therefore, students entering grades 11 and 12 who reside in one of the above-mentioned districts may apply to their respective vocational-technical school. While 10th grade students also have the option to apply, it is not recommended due to the increased likelihood of scheduling conflicts resulting in the need to take several summer classes to fulfill graduation requirements. Students who attend a Vo-tech program will attend Notre Dame High School for three (3) periods each day, and the remainder of the school day will be spent at the vocational-technical school. Students will receive three (3) credits for each year that they attend Vo-tech. Please note that students who enroll in a vocational-technical school program are still required to complete ALL graduation requirements set by Notre Dame High School in addition to their vocational-technical program requirements. Because of the instruction time lost in traveling to and from the vocational-technical school, students will typically be at least one (1) credit short each year they attend Vo-tech, and will need to make these credits up through independent study options, online classes, summer school, or a combination of these methods. Students in the Aquinas program who elect to attend Vo-Tech or CIT, may not be eligible to remain in the Aquinas program.

Students registering for vocational-technical school are expected to attend their district vocational school regardless of the Notre Dame academic calendar. If the vocational school is in session on a day that Notre Dame is not, you are still expected to attend your Vo-tech program.

PROGRAMS OFFERED

Bethlehem Area Vocational-Technical School (BAVTS)

Construction: Carpentry/Building Trades, Electrical Construction, HVAC, Masonry, Plumbing Creative:
Commercial Art/Graphic Communications, Video & Media Arts, Web Design Culinary: Commercial Baking,
Culinary Arts

Health: Academy for Medical Science, Health Careers, Intro to Sports Medicine Careers Manufacturing: Academy
for Applied Engineering, Automated Manufacturing Technology, Electronics Technology, Industrial
Design/Advanced Manufacturing, Welding

Service & Safety: Computer Networking, Cosmetology, Esthetics, and Protective Services Transportation:
Automotive Collision Repair, Automotive Technology

For program descriptions and other information, visit www.bethlehemavts.org

Career Institute of Technology (CIT)

Construction: Building & Property Maintenance, Building Construction Technology, Electrical Construction
Technology, HVR&P, Masonry

Engineering & Information Technology: CAD/Engineering Graphics, Computer Systems Networking &
Telecommunications, Electronics Technology

Health & Human Services: Cosmetology, Culinary Arts, Early Childhood Education, Health-Related Technology,
Marketing & Retail Services, Protective Services

Manufacturing: Automotive Collision Technology, Automotive Technology, Machine Tool Technology, Small
Engine & Outdoor Equipment Technology, Welding Technology

For program descriptions and other information, visit www.citvt.com

Please schedule an appointment with your school counselor if you wish to apply.