

COURSE OFFERINGS

ART

INTRODUCTION TO FINE ARTS

FULL YEAR - 1 CREDIT

The curriculum for this **required freshmen level course** will include immersion into art and music from different cultural approaches. It will look at dance and theater and see what influences they had on the different cultures while learning music theory and the techniques of the masters. It will take a humanistic approach to the arts with the goal to help the students to appreciate the visual and performing arts. The course will explore world religions and their effects on the arts as well as how literary pieces evolved and the effects of writer's viewpoints during the different time periods. It also incorporates mathematics into various themes exploring the Golden Mean and its effects on the arts. *This course requires no level of proficiency in either the visual or performing arts, but will require an open mind and the curiosity to explore what part music and art play in our daily lives.*

DRAWING & PAINTING

FULL YEAR - 1 CREDIT

The student will learn to interpret their visual world and relay this onto two-dimensional mediums.. The students will experiment with a variety of wet and dry media as they study the styles and techniques of the masters. Students will complete an electronic portfolio of their work and be able to critically analyze their compositions as well as those of the masters.

Prerequisite: Introduction to Fine Arts

DRAWING & PAINTING ADVANCED

FULL YEAR – 1 CREDIT

This course will develop the skills of visual research learned in Drawing and Painting while allowing the students to learn the important skills of critical analysis. They will gain knowledge about the history, the principles, and the masters that create art and be able to make judgments about art from prehistory to present day. Students will complete an electronic portfolio to display their knowledge of critical analysis as well as the depth and scope of their compositions.

Prerequisite: Drawing & Painting

ADVANCED ART

HALF YEAR – 1/2 CREDIT

Students will continue building on the fundamentals of drawing as they begin to produce extensive studies in areas of their choice. Project based compositions in oils, acrylics, and multimedia are required to show mastery of fundamental techniques. Students will be required to produce an electronic portfolio displaying both variety and depth of their compositions. Exploration and in-depth work in their own style is encouraged while experimenting with present day movements in the arts. *Prerequisite:* Drawing & Painting Advanced

GRAPHIC DESIGN

HALF YEAR - 1/2 CREDIT

Students will explore the elements of design that apply to the graphic arts. Students will learn to actively see and apply the art principles that will allow them to design logos, magazine covers, interior and exterior architecture, landscaping, packaging, advertising, and corporate design. Students will be exposed to computer-based design, the language of design and the principles and techniques used in the commercial application of design. *Prerequisite:* Introduction to Fine Arts and/or Drawing and Painting

BUSINESS

FOUNDATIONS OF PERSONAL FINANCE

HALF YEAR – ½ CREDIT

This course focuses on forming a financially literate consumer. Through hands-on activities, guest speakers, and field trips students learn the importance of creating and following a budget, managing personal finances, and being savvy shoppers. We will create a personal financial plan, discuss the pitfalls of credit, the importance of saving money on every day and major purchases (auto, homes, etc.), and more! This course is a prerequisite for Accounting 101.

ECONOMICS

HALF YEAR – ½ CREDIT

This is a state-mandated 12th grade course designed to give students a basic understanding of economic principles and concepts as well as smarten their skills as consumers. Some of the topics that will be covered are the relationship between supply and consumer demand, basic economic systems, market structures, big business and anti-trust regulations, types of businesses, and labor unions. Students will also complete a unit geared towards budgeting for life after high school- whether that be entry into college, military, or the world of work.

ENGLISH

ENGLISH 9

FULL YEAR – 1 CREDIT

This course is the first of three Regents English courses, which culminate in the Comprehensive Regents examination in eleventh grade. The emphasis is on building sound vocabulary, determining how to use words in context, listening and writing skills, and the critical evaluation and interpretation of both classic and contemporary literature. Independent reading and public speaking are both required and encouraged to better prepare students for college-level work.

ENGLISH 10

FULL YEAR – 1 CREDIT

Tenth grade English is a continuation of the skills that have been introduced at the ninth grade level. In addition to reading and analyzing poetry and short stories, novels and drama will be the main genres of study. The theme of “Innocence to Experience” is one that is developed throughout the school year. The students will learn how to further develop their writing skills in preparation for the Regents exam in English that is given in eleventh grade. *Prerequisite:* English 9

ENGLISH 11R

FULL YEAR – 1 CREDIT

American Literature is emphasized in this year as well as clear, well planned, advanced writing techniques. Vocabulary, reading, and writing exercises are designed to prepare students for the eleventh grade Comprehensive Regents examination in English. Independent reading and public speaking are required. *Prerequisite:* English 10

ENG 101 English Communication 1 (GCC-3 credits) **HALF YEAR – ½ CREDIT**

This course presents an overview of the basic rhetorical principles that apply to six aims of discourse, with particular focus on informative and persuasive discourse. Students write six to eight compositions and several examinations, and learn and apply appropriate research and documentation skills. Computer labs may be used, although computer knowledge is not necessary, except for online course sections. *Prerequisite:* English 11

ENG 105 Writing in Humanities (GCC – 3 credits) **HALF YEAR – ½ CREDIT**

Continues study of rhetorical principles introduced in ENG 101 by focusing on expressive, informative and persuasive writing strategies. Emphasizes critical thinking skills by focusing on literature, film, visual arts, and performing arts in some combination. Students write six to eight

compositions which may branch into multimedia. Computer labs may be used, although computer knowledge is not necessary, except for online course sections. **Prerequisite:** ENG101 (*Students interested in earning college credits for English 101 and English 105 must register with and remit payment to Genesee Community College directly. Students not wishing college credit may take these courses with no cost.*)

AP ENGLISH LANGUAGE AND COMPOSITION FULL YEAR – 1 CREDIT

AP English Language and Composition focuses on studying and writing various kinds of analytic or persuasive essays on nonliterary topics. Students read pieces from a number of authors and analyze the type and effectiveness of the rhetorical strategies used. Emphasis is also placed on strategies of argumentation and synthesis of various sources of information. Students should be prepared for in-depth reading, research, and essay writing. (*Students will take an Advanced Placement Examination in May.*) **Prerequisite:** English 11

HEALTH

HEALTH EDUCATION

FULL YEAR – ½ CREDIT

The Notre Dame Health Education program will have students comprehend concepts related to health promotion and disease prevention; demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health.

MUSIC

MUSIC THEORY / APPRECIATION

FULL YEAR – ½ CREDIT

This course teaches the rudiments of music and musical composition through the study of chords, key, notation, note value, time signatures, and rhythm. Students will learn basic keyboard skills, as well as basic sight reading, ear training and harmonic notation.

BAND

FULL YEAR -- 1 CREDIT

This ensemble gives each student the opportunity to perform on his/her major instrument in numerous concert performance settings. *The ND Concert Band performs an annual dinner concert, holiday concerts, a spring concert, while supporting our school at homecoming and pep rallies, music festivals.* This course offers each student weekly instrumental lessons on his/her instrument within the school day.

CHORUS

FULL YEAR-1 CREDIT

The concert choir is the primary performing vocal group. Students will sing a variety of music, from classic to contemporary, in mixed chorus format (SAB or SATB.) *This group will perform on all scheduled concerts, and is also responsible for assisting with the music ministry at our student liturgies.* Students in this ensemble will be eligible for small group or individual voice classes to teach vocal and music reading skills. These small groups also provide preparation for competition in NYSSMA and county level solo festivals and choral groups. Class meets every day, with scheduling flexibility available for those students wishing to participate in multiple fine arts courses.

PHYSICAL EDUCATION

PHYSICAL EDUCATION

FULL YEAR – ½ CREDIT

The Notre Dame Physical Education program is based upon the acquisition of knowledge and skills that are the foundation for engaging in physical activity. Our mission is to empower all students to sustain regular, lifelong physical activity as a foundation for a healthy, productive and fulfilling life.

The Notre Dame High School Physical Education curriculum is based on physical activities undertaken in an active, caring, supportive and nonthreatening atmosphere in which every student is challenged and successful. We aim to provide every student with a wide variety of physical activities and challenges that will contribute to the development and maintenance of their physical, cognitive, and affective well-being. Ultimately students will be provided with the foundation for making informed decisions that will empower them to achieve and maintain a healthy lifestyle.

SCIENCE

LIVING ENVIRONMENT

FULL YEAR – 1 CREDIT

The Regents Living Environment course is designed to give students a basic understanding of ecological processes and generalizations, how biology applies to life, and how humans fit into the complex web of life. Topics include unity and diversity in living things, maintenance in living things, human physiology, reproduction and development, genetics, evolution, and ecology. Extensive laboratory work illustrates the principles presented in class which is taught from a cellular and systems approach. Class work and homework require strong commitment from the student. *To qualify for the Living Environment Regents exam students must successfully complete 30 labs.*

CHEMISTRY

FULL YEAR – 1 CREDIT

The course focuses on key topics in the field of Chemistry including: matter, atoms and the Periodic Table, properties of elements, chemical bonds, chemical reactions, radioactivity, solutions, acids and bases, and organic chemistry. It is a foundational course that will lay the groundwork for success in Advanced Chemistry Regents. There is a lab component to the class but no Regents Examination.

ADVANCED CHEMISTRY REGENTS

FULL YEAR – 1 CREDIT

Topics covered in this course include concepts of atomic structure, the Periodic Table, moles/stoichiometry, chemical bonding, nuclear chemistry, acids, bases and salts, oxidation/reduction and ideas underlying the chemical interpretation of the behavior of matter. Laboratory work is mandatory to qualify for the Regents Exam, and is designed to put into application the theoretical principles presented in class. Facility with mathematics is important for success in this course. Therefore, students should have completed Integrated Algebra and Geometry successfully and be enrolled in or have completed Algebra 2/Trigonometry. Laboratory work supplements the course topics. *The Chemistry Regents Examination is given in June and requires that all labs be successfully completed.*

PHYSICS REGENTS

FULL YEAR – 1 CREDIT

This course presents a modern view of physics with a major emphasis on the fundamental concepts underlying this basic science. Topics include mechanics, waves, electricity, and light. Facility with mathematics is important for success in this course. Therefore, students should have completed Integrated Algebra and Geometry successfully and be enrolled in or have completed Algebra 2/Trigonometry.

AP PHYSICS I

FULL YEAR – 1 CREDIT

Advanced Placement Physics I is an algebra-based course in general Physics designed by the College Board. The emphasis in the course is on the understanding of the concepts and building

problem solving skills. This class has an inquiry-based atmosphere, both in class and in the laboratory experience, which will hopefully enhance critical thinking skills. The process and method of coming to an answer will be emphasized more than the final answer when solving problems. Concept formation is the one of the main goals of this course, although there will also be some focus on mathematical reasoning skills.

(Students will take an Advanced Placement Examination in May.)

BIO102 - Human Biology (GCC- 3 credits)

FULL YEAR – 1 CREDIT

Surveys basic concepts of human anatomy and physiology, including the structure of cells, tissues, and organs and their normal physiological interactions. Laboratory experiences reinforce important concepts.

(This is a Genesee Community College course taught by GCC faculty. Students must register with GCC in order to take the course. 3 GCC college credits)

SOCIAL STUDIES

AP EUROPEAN HISTORY

FULL YEAR – 1 Credit

In AP European History, students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations.

GLOBAL HISTORY & GEOGRAPHY 9

FULL YEAR – 1 CREDIT

First year of a two-year course that begins in 9th grade and culminates with a mandatory Regents Exam sophomore year. The course consists of eight units, which span the history of mankind from its origins in Africa to the world today with the main focus on Africa, Asia, Europe, and Latin America.

Using a chronological approach, students are expected to develop skills in analyzing historical sources and documents, appreciate the diversity of perspectives in historical interpretations, and understand the interrelationships that exist throughout human history.

GLOBAL HISTORY & GEOGRAPHY 10

FULL YEAR – 1 CREDIT

This is the second year of a two-year course which begins in 9th grade, and culminates with a mandatory Regents Exam sophomore year. The course consists of eight units, which span the history of mankind from its origins in Africa to the world today with the main focus on Africa, Asia, Europe, and Latin America.

Using a chronological approach, students are expected to develop skills in analyzing historical sources and documents, appreciate the diversity of perspectives in historical interpretations, and understand the interrelationships that exist throughout human history.

Prerequisite: Successful completion of Global History & Geography 1

U.S. HISTORY REGENTS

FULL YEAR – 1 CREDIT

This begins with a major emphasis on the origins and development of the Constitution during the early years of U.S. history. Also covered is a chronological study of events from the Civil War to the present. The final parts of the course emphasize events that followed World War II, especially Civil Rights and the Vietnam War era. *Prerequisite:* Global History and Geography I and II

U.S. HISTORY 203/204 (GCC—6 credits)

FULL YEAR – 1 CREDIT

This program is intended for qualified students who wish to complete studies in high school that are equivalent to college introductory courses in U.S. History. It is designed to provide students with analytical and factual knowledge necessary to deal critically with problems and materials in U.S. History. Students taking this course for college credit are eligible to earn 6 credits from Genesee Community College and they must register with and remit payment to the college directly. *(Students interested in earning college credits for U. S. History must register with and remit payment to Genesee Community College directly. Students not wishing college credit may also take these courses with no cost.)*

AP U.S. HISTORY

The Advanced Placement program and exam in U.S. History This program is designed to provide students with analytical and factual knowledge necessary to deal critically with problems and materials in U.S. History. *(Students will take an Advanced Placement Examination in May.)*

PARTICIPATION IN GOVERNMENT

HALF YEAR-1/2 CREDIT

This grade 12th grade course is designed to give students the knowledge and opportunity to understand and experience government. Some of the areas of study that will be covered are: Why and How Our Government was Formed, Roles and Rights of Citizens, The Legal Obligations of Citizens, Legal Rights and Responsibilities, The View of State and Local Governments, and The Promotion of Democratic Principals in Foreign Policy. The students will also do an observation part in a government function.

PSYCHOLOGY 101 Introduction to Psychology (GCC -- 3 credits) **HALF YEAR – ½ CREDIT**

This course is an introduction to the scientific study of human and animal behavior. Topics covered in the course include basic methodology, motivation, learning, cognitive processes, and other significant areas of interest.

(Students interested in earning college credits for Psychology must register with and remit payment to Genesee Community College directly. Students not wishing college credit may also take these courses with no cost.)

SOCIOLOGY 101 Introduction to Sociology (GCC – 3 credits) **HALF YEAR – 1/2 CREDIT**

This course is a study of the major factors affecting the structure and functioning of group life. Social patterns such as cultural values, deviance, class structure and social change will be explored. Upon completion, each student will understand the methods and perspectives sociologists employ, as well as the ways group forces influence the individual in society. *(Students interested in earning college credits for Sociology must register with and remit payment to Genesee Community College directly. Students not wishing college credit may also take these courses with no cost.)*

SPANISH

SPANISH I

FULL YEAR - 1 CREDIT

This course is an introduction to the learning of the four skills, listening, speaking, reading, and writing of the foreign language, and is the first year of a three- year sequence. Emphasis is placed on the necessary vocabulary, conversational patterns, and comprehension of simple grammar. Exploration of customs and culture are integrated into the study of language.

SPANISH II

FULL YEAR - 1 CREDIT

In Spanish II, each student will master the more common tenses encountered in spoken and written Spanish, past, present, and future. Students will also be exposed to the conditional, perfect, and progressive tenses while continuing to build their knowledge of vocabulary. Customs and culture are incorporated into each unit as was done in the first level of study.

Prerequisite: Successful completion on Spanish I

SPANISH III

FULL YEAR - 1 CREDIT

The third course in Spanish completes the three-unit sequence in a foreign language. It continues the development of proficiency of the four skills in preparation for the Comprehensive Regents Exam at the end of the year. Comprehensive reading and use of the spoken language are increased. Grammar is reviewed and extended to more difficult topics. Emphasis is placed on dialogue and composition writing. Study of culture is continued. *Prerequisite:* Successful completion of Spanish II

SPANISH 1203

FULL YEAR - 1 CREDIT

In level IV Spanish, there is an emphasis on the culture of the Spanish-speaking people of the world. Advanced grammar and syntax are practiced in both oral and written forms using authentic literature. Instructional strategies include role playing and class discussion in addition to other writing and reading exercises. By completing this course students will have an opportunity to gain college credit from Alfred State College. *Prerequisite:* two out of three: 85 overall average, 85 final average Spanish 3, teacher recommendation. *(Students interested in earning college credits for Spanish 1203 must register with and remit payment to Alfred State. Students not wishing college credit may also take these courses with no cost.)*

RELIGIOUS STUDIES

RELIGIOUS STUDIES 9

FULL YEAR- 1 CREDIT

Understanding Catholic Christianity: This course is designed to help students become aware of the activity of God in each of our lives. Students will develop an understanding of how the Catholic Tradition addresses the faith questions in several areas. They will discover spirituality and prayer as a source of growth in a life with God. *Completion of Religious Studies 9 credit includes 10 hours of Community Service to be completed by the end of the school year.*

RELIGIOUS STUDIES 10

FULL YEAR- 1 CREDIT

A study of Jesus, as portrayed in the Gospels is presented, along with the history and politics of His time. Along with the Gospel accounts about Jesus, we look at St. Paul's writings to the early Christian Communities. The class also explores the development of Christianity from the first century until today. *Completion of Religious Studies 10 credit includes 12 hours of Community Service to be completed by the end of the school year.*

RELIGIOUS STUDIES 11

FULL YEAR- 1 CREDIT

This course will explore the process of moral decision making within the context of current issues facing our world today. Topics such as abortion, capital punishment, euthanasia, and war will be covered. For each issue students will be required to explore historical information, opposing viewpoints, and the teaching of the Roman Catholic Church. Students must complete

15 hours of community service. *Completion of Religious Studies 11 credit includes 15 hours of Community Service to be completed by the end of the school year.*

RELIGIOUS STUDIES 12

FULL YEAR- 1 CREDIT

This culminating class explores various issues through theological reflection. Community service requirements must be met to receive course credit.

Completion of Religious Studies 12 credit includes 20 hours of Community Service to be completed by the end of the school year.

FINAL GRADUATION REQUIREMENT

Comprehensive Senior Assessment

All seniors must demonstrate mastery in each of the following areas: writing, speaking, reading, researching, creative thinking, problem-solving, working as part of a team, and computer skills. The assessment requires individual presentations, as well as group problem-solving presentations to a panel of independent judges.

Academic Challenge Paper
Postgraduate Plan
Freshman Year College Budget
Physical Education/Health Research
Personal Mission Statement [Theo 12 Class Project]
Autobiographical Research
Theological Reflection
Community Service
Culminating Reflection

Satisfactory completion of all components of the senior assessment project is required for final diploma purposes.

CHRISTIAN SERVICE

Notre Dame's mission statement challenges us to prepare young people "to serve in an ever-changing world." We believe that service to one's community is an integral part of Christian life and therefore, our program is a graduation requirement. Each student is obligated to complete the following:

- 9th grade: **10 hours** of service (minimum of 5 hours must be with a church or church-based organization; the remainder from the **pre-approved list or with approval**)
- 10th grade: **12 hours** from the **pre-approved list or with prior approval**
- 11th grade: **15 hours** from the **pre-approved list or with prior approval**
- 12th grade: **20 hours** from the **pre-approved list or with prior approval**

All hours must be properly documented and submitted to the Campus Ministry office. Each student will be required to write a reflection paper each year under the direction of the Theology department.