



Think
SUMMER!

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SAINT VINCENT COLLEGE

Recommended Courses Incoming Students Summer 2022

CORE Required Courses – *Incoming students should register for at least one of the following two courses.*

CORE-1400-01 Listening Seminar

6/27/2022 – 8/4/2022

Format – Online

Professor – TBA

Course Description: This seminar will satisfy CORE SL04 at the introductory level and should be taken during students' first semester at the college. The seminar will encourage students to develop habits of listening to the Catholic, Benedictine, and Liberal Arts traditions through engagement with the primary and contemporary texts that inform these traditions with an eye toward the relevance of the Saint Vincent core. Readings will combine required selections across all sections, recommended and optional texts chosen by individual instructors from a set list, and one selection by the preceding year's seniors that demonstrates the virtue of hospitality. Three credits.

CORE-1500-01 Core Writing

6/27/2022 – 8/4/2022

Format – Online

Professor – TBA

Course Description: Core Writing, as first tier course in Saint Vincent College's Writing Program, introduces you to the kinds of writing tasks and skills required by your academic courses and the Learning and Loving Seminars, and helps you develop your skills in persuasive and analytical writing. By following the Three Stages of Good Writing Practice and applying the Six Principles of Good Writing, you will learn how to become a more self-aware and focused writer. Your writing process will sharpen as you practice gathering and weighing your ideas, developing those ideas in your drafts, critiquing one another's writing, and revising your drafts into finished, polished papers. Discussions of readings, assignments, and papers will aim to help you practice critical thinking, critical reading, and information literacy. As you work on informal exercises and formal essays, you will increase your grammatical proficiency, enhance your understanding of style, and develop an academic voice. This course works with the Writing Center, employing Writing Associates to provide support and studio time. Three credits.

COURSES STARTING IN MAY – Dates listed with courses below.

AR-165-01 Musical Theater History

5/16/2022-6/2/2022

Format – Asynchronous Online

Professor – Gregory Brandt (greggory.brandt@stvincent.edu)

Course Description: This course explores the history, development, creators, and composers of musical theater. We will discuss the major elements from the mid-18th century to the present of a musical production; the book, lyrics, score, dance and set design. We will trace the musical's evolution through the colorful eras of Minstrel Shows, Vaudeville, Burlesque, Revue, and the Golden Era up through the British Invasion and to the present day. You will learn the techniques and contributions from such great composers and lyricists as Irving Berlin, Jerome, Kern, Cole Porter, Rodgers and Hammerstein II, and Stephen Sondheim's influences on the present-day musical theater. Three credits.

BA-100-01 Financial Accounting I *CANCELLED

5/16/2022-6/2/2022 Monday, Tuesday, Wednesday, Thursday 8:30AM-12:00PM

Format – Synchronous Online

Professor – Eva Kunkel (eva.kunkel@stvincent.edu)

Course Description: Topics include: a general introduction to accounting principles, basic financial statements, the double entry accounting system, the accounting cycle, worksheets, and trial balances, merchandising operations, control accounts and subsidiary ledgers, special journals, and internal control and accounting for assets. Offered every semester. Three credits.

BA-350-01 Statistics I

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Justin Petrovich (justin.petrovich@stvincent.edu)

Course Description: This course is an introduction to the study of statistics emphasizing descriptive and inferential statistics. Topics include visual presentation of data, summary descriptive measures (e.g., mean, median, mode, variance, and standard deviation), statistical sampling, probability, probability distributions and hypothesis testing. Offered fall semester. Must also register for BA 350A fall semester. Three credits.

BA-350A-01 Statistics I Excel Lab

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Justin Petrovich (justin.petrovich@stvincent.edu)

Course Description: Students learn excel applications utilized in statistics. Additional advanced excel techniques will be taught to enhance their business utilization of spreadsheets. One credit.

BL-150-01 General Biology I

5/16/2022-6/22/2022 Monday, Tuesday, Wednesday 11:00AM- 1:15PM

Format – Synchronous Online

Professor – Kayla Uveges (kayla.uveges@stvincent.edu)

Course Description: This year-long course with BL-152 is intended for science majors. The first semester addresses the biology of cells, and animal physiology, development, and taxonomy. The second semester continues with plant biology, classical and molecular genetics, and ecology and evolution. At the conclusion of the course, Biology majors select cell and molecular biology, organismal biology, or population biology as an area of concentration for subsequent work. A passing grade in BL 150 is required for BL 152. Fall semester and summer. Three credits.

BL-151-01 General Biology I Lab

5/16/2022-6/22/2022 Monday, Wednesday 2:00PM-5:00PM

Format – Synchronous Online

Professor – Kayla Uveges (kayla.uveges@stvincent.edu)

Course Description: This course introduces scientific method, statistics, laboratory techniques, and the use of instruments as students perform experiments that reinforce and expand upon ideas presented in BL 150. Fall semester and summer. One credit.

CH-101-01 General Chemistry I

5/16/2022-6/23/2022 Monday, Tuesday, Wednesday, Thursday 8:30AM-10:10AM

Format – Synchronous Online

Professor – Jason Vohs (jason.vohs@stvincent.edu)

Course Description: A study of chemical principles including atomic structure; chemical bonding; types of chemical reactions; stoichiometry; solution chemistry; and chemistry of the elements. Offered fall semester. Three credits.

CH-103-01 General Chemistry I Lab

5/16/2022-6/22/2022 Monday, Wednesday 10:30AM-1:30PM

Format – Face-to-face

Professor – Beth Bollinger (beth.bollinger@stvincent.edu)

Course Description: Laboratory studies related to the principles in general chemistry with emphasis on quantitative measurements. Must be taken simultaneously with, or after successful completion of CH 101. Offered fall semester. One credit

CLS-101-01 Introduction to Criminology *New Start Date

6/6/2022-6/23/2022

Format – Asynchronous Online

Professor – Kayla Jachimowski (kayla.jachimowski@stvincent.edu)

Course Description: Study of the contemporary criminal justice system, major systems of social control and their policies and practices; victimology; juvenile justice; comparative criminal justice of the field. Three credits.

CORE-1211-01 Multi-Ethnic Literature

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Sara Lindey (sara.lindey@stvincent.edu)

Course Description: This literature course engages questions of national literature as expressed, developed, and critiqued in a multicultural arena. While it is impossible for the readings in this class to be totally representative of the emerging multicultural canon, nonetheless, students will read texts from a variety of different American ethnicities and their themes. Readings include approximately 8 books that explore the diverse perspectives of writers representing African Americans, Hindus, Muslims, Hispanics & Latinos, Asians, and Middle Easterners, among others. Assignments include short reflections on novels, reading quizzes on each book, group culture/ethnic presentation, a paper, final exam, and class participation. Three credits.

CORE-1605-01 Introduction to Ethics

5/17/2022-6/23/2022 Tuesday, Thursday 6:00PM-9:05PM

Format – Synchronous and Asynchronous Online

Professor – Eric Mohr (eric.mohr@stvincent.edu)

Course Description: Ethics is a reflective attempt to answer the question 'How should I live?' By grounding ourselves in an analysis of some of the most important thinkers who have given shape to, as well as challenged, our Catholic, Benedictine, and Liberal Arts mission, this course will inquire into the nature of the ethical life. Three credits.

CORE-2601-01 Catholic Marriage

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Jason King (jason.king@stvincent.edu)

Course Description: This course explores the theological foundations and implications of marriage and family. Three credits.

EC-102-01 Principles of Macroeconomics

5/16/2022-6/2/2022

Format – Asynchronous Online

Professor – Andrew Herr (andy.herr@stvincent.edu)

Course Description: An analysis of the functioning of the entire economy, in particular the forces that influence the level of production, unemployment, and prices. Also included are the nature and role of governmental intervention in changing these variables. Offered every semester. Three credits.

EL-110-01 Intro to Creative Writing

5/16/2022-6/2/2022 Monday, Tuesday, Wednesday, Thursday 12:15PM-3:45PM

Format – Synchronous and Asynchronous Online

Professor – Michelle Gil-Montero (michelle.gil-montero@stvincent.edu)

Course Description: This creative writing course introduces the fundamentals of creative writing craft in three genres: poetry, fiction, and creative nonfiction. Students read and discuss short contemporary texts and respond to in-class writing prompts. In the workshop element of the course, students give and receive peer feedback on their drafts and collaboratively explore strategies for revision. Students produce a final portfolio of revised work in all three genres. This course is a prerequisite for advanced courses in Creative Writing and may not be taken after students have enrolled in advanced courses in Creative Writing. Three credits.

EL-127-01 Shakespeare on Film

5/16/2022-6/22/2022 Monday, Tuesday, Wednesday, Thursday 8:30AM-12:00PM

Format – Synchronous Online

Professor – Dennis McDaniel (dennis.mcdaniel@stvincent.edu)

Course Description: In this literature course, students read and discuss several key Shakespeare plays and screen a variety of film adaptations from such directors as Kurosawa, Jarman, Zeffirelli, and Olivier. Students will learn how to watch films critically, to understand various approaches to adapting a written text to film, and to express their discoveries effectively through discussion and writing. This course requires a reading and screening journal, as well as a midterm and final exam. Three credits.

HI-102-01 Ancient Greece and Rome

5/16/2022-6/2/2022

Format – Asynchronous Online

Professor – Gilbert Bogner (gil.bogner@stvincent.edu)

Course Description: This course surveys the civilizations developed by the ancient Greeks and Romans, ca. 800 BC - AD 500. Topics include: the Trojan War; the rise of Greek city-states; the Persian and Peloponnesian Wars; Alexander the Great and the Hellenistic world; the Roman Republic and the formation of empire; the birth and spread of Christianity; the Roman imperial state; and the transformation of the Roman world.

HI-258-01 Pennsylvania History

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Pamela Curtin (pamela.curtin@stvincent.edu)

Course Description: This course explores the development of Pennsylvania from the pre-European era to current times. The topics covered will include the diversity of the Commonwealth, Pennsylvania's key roles in the development of the United States, and the sources and methods that can be used to uncover the history of the state. Three credits.

HI-263-01 Play Ball

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Timothy Kelly (tim.kelly@stvincent.edu)

Course Description: This course examines the history of sports in 20th century America, with particular attention paid to the development transition from amateur to professional athletics, the emergence of women's participation in sports, and the fitness focus of the most recent three decades. Students will approach this study through class discussions based on readings and video documentaries. Three credits.

MA-109-01 Calculus with Applications I

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Dr. Daniele Arcara (daniele.arcara@stvincent.edu)

Course Description: The elementary functions, limits, the derivative, and its applications, the definite integral, techniques of integration. Applications are presented from the areas of biology and the social sciences. Four credits.

MA-110-01 Calculus with Applications II (*Must take MA-109 first)

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Daniele Arcara (daniele.arcara@stvincent.edu)

Course Description: Probability, vectors, partial differentiation, multiple integration, sequences, and series. Offered spring semester. Prerequisite: MA 109. Four credits.

MA-111-01 Analytical Calculus I

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Dr. Daniele Arcara (daniele.arcara@stvincent.edu)

Course Description: The real number system. Limits and continuity. The concepts of differentiation and integration. Differentiation of algebraic and trigonometric functions and applications. The Mean Value Theorem. The definite integral and the Fundamental Theorem of Calculus. Applications of the definite integral. Four credits.

MA-112-01 Analytical Calculus II (*Must take MA-111 first)

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Dr. Daniele Arcara (daniele.arcara@stvincent.edu)

Course Description: Various techniques of integration: integration by substitution, integration by parts, trigonometric integrals, trigonometric substitution, partial fractions. Improper integrals. Approximations of definite integrals. Differential Equations: separation of variables, first order linear. Parametric functions. Polar coordinates. Sequences. Series. Geometric series. Telescoping series. Series tests for convergence. Taylor series. Maclaurin series. Offered spring semester. Prerequisite: MA 111. Four credits.

MU-101-01 Music Appreciation

5/16/2022-6/2/2022

Format – Asynchronous Online

Professor – Thomas Octave (thomas.octave@stvincent.edu)

Course Description: A survey of the music of western culture, which is frequently generically called classical, but in reality, includes Medieval, Renaissance, Baroque, Classical, Romantic, Modern, and Contemporary periods. The course is designed to teach students how to listen to music, and how to discuss music's aesthetic nature and purpose. Representative composers and works from the major periods of music will be placed in their historical context, studied, and discussed. No prerequisites. Fulfills the Core Curriculum Fine Arts requirement. Offered both semesters. Three credits.

MU-111-01 The Spirituality of Music

5/16/2022-6/2/2022

Format – Asynchronous Online

Professor – Thomas Octave (thomas.octave@stvincent.edu)

Course Description: The Spirituality of Music is a survey of the music of different faiths and cultures that analyzes the spiritual and musical elements of different works and genres. The course discusses the fundamental elements of music, while examining the spiritual aspects and intentions of the composer and the function of different genres of music in spiritual experiences and today's society. The course fulfills the requirements for the Fine Arts Core requirement. Three credits.

NSCI-107-01 Biology of Birds

5/16/2022-6/23/2022

Format – Asynchronous Online- for non-science majors

Professor – James Kellam (james.kellam@stvincent.edu)

Course Description: This course provides an introduction to ornithology, the study of birds. Lecture topics include the evolutionary history of birds from dinosaur ancestors; avian anatomy and physiology; the physics of bird flight; patterns of migration; reproductive cycles and behavior; and how birds set up territories, find food and avoid predators. Each class will obviously be filled with avian examples, but the general concepts learned may be applied to other animals as well. Lab sessions include dissection of preserved specimens, capture and release of live birds, bird feeder observations, bird song experiments, and bird identification skills. Student learning will be assessed through tests, reading assignments, lab reports, and a class presentation. Offered even-numbered years, spring semester. Four credits

NSCI-125-01 Intro to Environmental Science

5/16/2022-6/2/2022

Format – Asynchronous Online

Professor – Angela Belli (angela.belli@stvincent.edu)

Course Description: This course is designed to introduce non-science majors to the physical processes and interrelationships between air, water, soil, and biota. Issues such as over population, pollution, and risk assessment will be covered. Offered fall semester. Formerly ES 115. Three credits.

NSCI- 126-01 Intro to Environmental Science Lab

5/16/2022-6/2/2022

Format – Asynchronous Online

Professor – Allison Petris (allison.petris@stvincent.edu)

Course Description: Laboratory exercises are designed to physically illustrate the principles discussed in NSCI 125. Must be taken simultaneously with, or after successful completion of NSCI 125. Offered fall semester. Formerly ES 117. One credit.

NSCI-247-01 Life and the Universe

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Daniel Vanden Berk (daniel.vandenberk@stvincent.edu)

Course Description: Are we alone in the universe, or is the universe teeming with life? This course will explore the unknown but possible answers to that question from a variety of perspectives. The physical, astronomical, chemical, and geological conditions necessary for life on a planet will be investigated. We will examine historical and modern searches for life outside of Earth, including the search for extraterrestrial intelligence. We will also consider some of the social, philosophical, and religious implications of the possibility of life elsewhere. Classes will utilize the Taiani Planetarium to enhance our exploration of this subject. Formerly PH 131. Three credits.

NSCI-248-01 Life and the Universe Lab

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Daniel Vanden Berk (daniel.vandenberk@stvincent.edu)

Course Description: The origins of life on this planet and the possibility of life elsewhere will be explored with a variety of experiments and observations. Labs will include topics in astronomy, biology, physics, and geology, that are related to the search for extraterrestrial life. Some of the labs will utilize the Taiani Planetarium, and the Physics Department telescopes. This laboratory course accompanies NSCI 247. Formerly PH 133. One credit.

PH-109-01 College Physics I

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Dr. David Grumbine (david.grumbine@stvincent.edu)

Course Description: This is the basic course for those majoring in the biological sciences and allied health fields. Kinematics, Newton's Laws of Motion, Energy, and Momentum are introduced and treated with algebraic methods. Satisfies one core curriculum science requirement when taken in conjunction with PH-113 Physics I Laboratory. Prerequisite: MA 109. Offered fall semester. Three credits.

PH-111-01 General Physics I

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Dr. David Grumbine (david.grumbine@stvincent.edu)

Course Description: This is the basic course for those majoring in the physical sciences, mathematics, and engineering. Kinematics, Newton's Laws of Motion, Energy, Momentum, and Rotation are introduced and treated with applications of calculus. Satisfies one core curriculum science requirement when taken in conjunction with PH-113 Physics I Laboratory. Prerequisite: MA 111. Offered every semester. Three credits.

PH-113-01 Physics I Lab

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Dr. David Grumbine (david.grumbine@stvincent.edu)

Course Description: Laboratory to accompany PH-109 and PH 111. Laboratory experiments include applications to kinematics, Newton's Law of Motion, and Energy. Emphasis is placed on learning to take notes in laboratory setting. Offered every semester. One credit.

SO-101-01 Introduction to Sociology

5/16/2022-6/23/2022

Format – Asynchronous Online

Professor – Thaddeus Coreno (thad.coreno@stvincent.edu)

Course Description: This course is an overview and survey of the scientific study of human interactions in society. The course explores the basic concepts that are the foundation of the discipline. Students are introduced to research methods, theoretical perspectives, culture, socialization, social interaction, deviance, and inequality. Typically offered every semester. Three credits.

SP-203-01 Intermediate Spanish I

5/16/2022-6/2/2022 Monday, Tuesday, Wednesday, Thursday 8:30AM-12:00PM

Format – Synchronous Online

Professor – Doreen Blandino (doreen.blandino@stvincent.edu)

Course Description: Systematic grammar review and vocabulary building, with stress on nouns, adjectives, pronouns, and on the common tenses of regular and irregular verbs. Introduction to reading techniques suitable to college level study. Prerequisites: Six (6) to eight (8) credits of college Elementary Spanish, SP 105 or appropriate score on the Colleges language placement examination. Offered fall semester. Three credits.

JUNE STARTING COURSES – Dates listed with courses below.

AR-100-01 Art & Music of Western Culture

6/6/2022-6/23/2022 Monday, Tuesday, Wednesday, Thursday 11:45AM-2:50PM

Format – Synchronous Online

Professor – Thomas Octave (thomas.octave@stvincent.edu)

Course Description: An interdisciplinary course designed to provide students with an introductory experience in the fine arts. The course is divided into two components. The first consists of a survey of the evolution of art and music in the context of the historical and cultural background of major periods of western civilization. The second is a study of the principles inherent in both musical composition and the structure and meaning of style and expression in architecture, painting, and sculpture. No prerequisites. Fulfills the Core Curriculum Fine Arts requirement. Offered both semesters. Three credits.

BA-101-01 Financial Accounting II

6/6/2022-6/23/2022 Monday, Tuesday, Wednesday, Thursday 8:30AM-12:00PM

Format – Synchronous Online

Professor – Thomas Octave (eva.kunkel@stvincent.edu)

Course Description: Students examine generally accepted accounting principles as it applies to the preparation of financial statements of corporations and partnerships. Students prepare financial statements for corporations and partnerships. Students also prepare and utilize the statement of cash flow. Students study and discuss federal payroll taxes, especially employer liabilities and all journal entries. The course covers financial ratios to be used in the analysis of financial statements. The course analyzes long-term liabilities and all associated entries and also devotes a good deal of time to accounting for investments. Prerequisite: BA 100. Offered every semester. Three credits.

BA-220-01 Principles of Marketing

6/28/2022-8/4/2022 Tuesday, Thursday 6:00PM-9:05PM

Format – Synchronous Online

Professor – Janelle Imbrescia (janelle.imbrescia@stvincent.edu)

Course Description: This course is an introduction to the theoretical and practical foundations of marketing in a global-managerial framework. The primary marketing decisions variables (product design, pricing, distribution, sales, advertising, and promotion) are introduced and examined from both managerial and consumer perspectives. The relationships among marketing and the other functional areas of business (accounting, finance, and management) are emphasized. Applied economics, electronic commerce, and ethical decision making are interwoven with the substantive topics. Students are exposed to current events in the Wall Street Journal and participate in case studies, group activities, and marketing simulations. No prerequisites. Offered every semester. Three credits.

BL-152-01 General Biology II

6/27/2022-8/3/2022 Monday, Tuesday, Wednesday 11:00PM-1:15PM

Format – Synchronous Online

Professor – Kayla Uveges (kayla.uveges@stvincent.edu)

Course Description: This year-long course with BL-150 is intended for science majors. The first semester addresses the biology of cells, and animal physiology, development, and taxonomy. The second semester continues with plant biology, classical and molecular genetics, and ecology and evolution. At the conclusion of the course, Biology majors select cell and molecular biology, organismal biology, or population biology as an area of concentration for subsequent work. A passing grade in BL 150 is required for BL 152. Spring semester and summer. Three credits.

BL-153-01 General Biology II Lab

6/27/2022-8/3/2022 Monday, Wednesday 2:00PM-5:00PM

Format – Synchronous Online

Professor – Kayla Uveges (kayla.uveges@stvincent.edu)

Course Description: This course introduces scientific method, statistics, laboratory techniques, and the use of instruments as students perform experiments that reinforce and expand upon ideas presented in BL 150 and 152. Spring semester and summer. One credit.

CA-201-01 Communication Research Methods

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Jessica Harvey (jessica.harvey@stvincent.edu)

Course Description: This course is designed to introduce students to the investigative tools used by communication scholars and practitioners outside of academia. The class will focus on the concepts and methods by which communication research is designed, conducted, interpreted, and critically evaluated. Along with course readings and tests, students will work on several small-scale research projects and assignments. Offered every spring semester. Three credits.

CH-102-01 General Chemistry II

6/27/2022-8/4/2022 Monday, Tuesday, Wednesday, Thursday 8:30AM-10:10AM

Format – Synchronous Online

Professor – Jason Vohs (jason.vohs@stvincent.edu)

Course Description: A study of chemical principles related to quantitative chemical analysis. Topics include the nature of liquids and solids; chemical kinetics; equilibrium; thermodynamics; acids and bases; precipitation reactions; electrochemistry; and nuclear reactions. Prerequisite: CH 101. Three credits.

CH-104-01 General Chemistry II Lab

6/27/2022-8/3/2022 Monday, Wednesday 10:30AM-1:30PM

Format – Face-to-face

Professor – Beth Bollinger (beth.bollinger@stvincent.edu)

Course Description: Laboratory studies related to the principles covered in CH 102. Must be taken simultaneously with, or after successful completion of CH 102. One credit.

CORE-1210-01 French Duet

6/6/2022-6/23/2022 Monday, Tuesday, Wednesday, Thursday 11:45AM-2:50PM

Format – Synchronous Online

Professor – Doreen Blandino (doreen.blandino@stvincent.edu) and Thomas Octave (Thomas.octave@stvincent.edu)

Course Description:

This course is an introduction to French language, music and culture through the historical periods and various musical and culture genres. The discussion of musical composers, forms, and French musical culture will be examined as well as the understanding of musical terminology. This course will also focus on learning key vocabulary terms and phrases related to music in English and in French. Students will also acquire basic vocabulary and linguistic structures in French to communicate their music preferences, their opinions, and engage in basic conversations that would occur in daily encounters and in relation to musical and cultural events. Etiquette will be highlighted throughout the course. N.B. No previous knowledge of the French language is required. Three credits.

CORE-1215-01 US History Since 1865

6/6/2022-6/23/2022

Format – Asynchronous Online

Professor – Timothy Kelly (tim.kelly@stvincent.edu)

Course Description: This class is a survey of American history from the Reconstruction through the early 2000s. It focuses on some major themes and then within those themes on specific periods. These themes include gender, class, race, culture, war, and politics. This social history approach can best help us to understand those forces, developments, or disjunctions that created the society in which we live today. Three credits.

CORE-1503-01 Music and the Soul

6/28/2022-8/4/2022 Tuesday, Thursday 6:00PM-9:05PM

Format – Synchronous and Asynchronous Online

Professor – Michael Krom (michael.krom@stvincent.edu)

Course Description: "Without music, life would be a mistake" (Friedrich Nietzsche). We lovers of music know exactly what Nietzsche means here: we have been moved, disturbed, made joyous, or despairing, by the muse of melody and poetic verse. Why does music have this effect on us? What does it MEAN for us? Can music be good or bad for us? Is there a moral aspect to creating music or to listening to it? Such are the questions that inspire this course, which offers a reflection on music as a liberal art and in relation to our Catholic and Benedictine mission. Three credits.

CORE-2104-01 Aliens/Monsters/Heroes/Jesus

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Jason King (jason.king@stvincent.edu)

Course Description: This course explores the world views implied in the various subgenres of science-fiction. It compares these stories worldviews to different theological foundations of Christianity. These foundations include good and evil, end of time, suffering, redemption, and reconciliation. The course will draw upon and so reinforce theological foundations such as an understanding of the Bible and basic Catholic beliefs. Three credits.

EC-101-01 Principles of Microeconomics

6/6/2022-6/23/2022

Format – Asynchronous Online

Professor – Zachary Davis (zachary.davis@stvincent.edu)

Course Description: The course introduces the student to economic reasoning, terminology, and fundamental concepts. Emphasis is placed on individual economic units such as the household and the firm and how they affect and are affected by the various market structures existing in American capitalism. Offered every semester. Three credits.

EL-108-01 Technical Writing

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Marisa Carlson (marisa.carlson@stvincent.edu)

Course Description: In this writing course, students learn how to plan, compose, and revise technical documents. Assignments include problem analyses, instructions, proposals, process descriptions, and formal reports. In the process of completing these assignments, students practice strategies for analyzing audience, writing clear sentences, composing memos and letters, paraphrasing, organizing reports, and using new media. Three credits.

HI-103-01 Medieval Europe, C. 500-1500

6/6/2022-6/23/2022

Format – Asynchronous Online

Professor – Gilbert Bogner (gil.bogner@stvincent.edu)

Course Description: This course surveys the history of Europe, ca. AD 500 - 1700. Topics include: the Germanic migrations and the disintegration of the Roman Empire; Charlemagne and the Carolingian world; the development of secular and papal monarchy; the Twelfth-Century Renaissance; the Crusades; the Black Death; the Italian Renaissance; the Protestant and Catholic Reformations; and the Age of Exploration. Three credits.

HI-263-02 Play Ball

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Timothy Kelly (tim.kelly@stvincent.edu)

Course Description: This course examines the history of sports in 20th century America, with particular attention paid to the development transition from amateur to professional athletics, the emergence of women's participation in sports, and the fitness focus of the most recent three decades. Students will approach this study through class discussions based on readings and video documentaries. Three credits.

MA-109-02 Calculus with Applications I

6/27/2022-8/4/2022 Monday, Tuesday, Wednesday, Thursday 10:15AM-11:55AM

Format – Synchronous Online

Professor – Dr. Daniele Arcara (daniele.arcara@stvincent.edu)

Course Description: The elementary functions, limits, the derivative, and its applications, the definite integral, techniques of integration. Applications are presented from the areas of biology and the social sciences. Four credits.

MA-110-02 Calculus with Applications II (*Must take MA-109 first)

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Daniele Arcara (daniele.arcara@stvincent.edu)

Course Description: Probability, vectors, partial differentiation, multiple integration, sequences, and series. Offered spring semester. Prerequisite: MA 109. Four credits.

MA-111-02 Analytical Calculus I

6/27/2022-8/4/2022 Monday, Tuesday, Wednesday, Thursday 10:15AM-11:55AM

Format – Synchronous Online

Professor – Dr. Daniele Arcara (daniele.arcara@stvincent.edu)

Course Description: The real number system. Limits and continuity. The concepts of differentiation and integration. Differentiation of algebraic and trigonometric functions and applications. The Mean Value Theorem. The definite integral and the Fundamental Theorem of Calculus. Applications of the definite integral. Four credits

MA-112-02 Analytical Calculus II (*Must take MA-111 first)

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Dr. Daniele Arcara (daniele.arcara@stvincent.edu)

Course Description: Various techniques of integration: integration by substitution, integration by parts, trigonometric integrals, trigonometric substitution, partial fractions. Improper integrals. Approximations of definite integrals. Differential Equations: separation of variables, first order linear. Parametric functions. Polar coordinates. Sequences. Series. Geometric series. Telescoping series. Series tests for convergence. Taylor series. Maclaurin series. Offered spring semester. Prerequisite: MA 111. Four credits.

NSCI-250-01 Science of Abandoned Mine Drainage

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Beth Bollinger (beth.bollinger@stvincent.edu)

Course Description: In this integrated lecture-laboratory course, we will explore the science of coal mining and its aftermath: mine drainage. The course will use field trips (museums, mines, streams, treatment sites), video, class discussions, computer models, Internet explorations, and recent publications to understand coal mine drainage. We will see firsthand how new technologies have been developed to treat mine drainage. Lab explorations will include computer modeling, stream sampling, experiments on formation of mine drainage, its impacts on streams, and the efficiency of treatment methods. A final group project will examine a mine drainage site and develop a plan for remediation. Through the study of abandoned mine drainage we will examine the interrelationships in nature and see that by working together we can make a difference in our environment. Formerly ES 111. Offered fall semester. Four credits.

PH-110-01 College Physics II (*Must take PH-109 first)

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Dr. David Grumbine (david.grumbine@stvincent.edu)

Course Description: A continuation of PH-109. Electricity, Magnetism, Optics, and Wave Motion are introduced and treated with methods of algebra and calculus. Problem solving with algebra is emphasized. Satisfies one core curriculum science requirement when taken in conjunction with PH-114 Physics II Laboratory. Prerequisite: PH-109. Offered spring semester. Three credits.

PH-112-01 General Physics II (*Must take PH-111 first)

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Dr. David Grumbine (david.grumbine@stvincent.edu)

Course Description: A continuation of PH 111. Electrostatics, including Coulomb's Law, electric field, and electric potential; current and DC circuits, magnetism, magnetic induction, and optics are covered. Prerequisite: PH 111. Offered spring semester. Three credits.

PH-114-01 Physics II Lab

6/27/2022-8/4/2022

Format – Asynchronous Online

Professor – Dr. David Grumbine (david.grumbine@stvincent.edu)

Course Description: Laboratory to accompany PH-110 and PH-112. Laboratory experiments include applications to optics, electricity, magnetism, and wave mechanics. Emphasis is placed on learning to take notes in laboratory setting. Offered every semester. One credit.

PY-331-01 Biological Psychology

6/6/2022-6/23/2022 Monday, Tuesday, Wednesday, Thursday 11:45AM-2:50PM

Format – Class options include in classroom, livestreaming, and recorded lectures

Professor – Devin Fava (devin.fava@stvincent.edu)

Course Description: This course introduces students to the ways in which behaviors are based on biological processes occurring within our bodies. An introduction to neurons, neurotransmitters, psychopharmacology, and the central nervous system forms the foundation of the course. Additional topics of study are decided by the class and vary by semester. Possibilities include sensory processes, motor behavior, reproductive behavior, emotion, learning and memory, and biological bases for psychological disorders. Offered fall semester. Three credits.

SP-204-01 Intermediate Spanish II (*Must take SP-203 first)

6/6/2022-6/23/2022 Monday, Tuesday, Wednesday, Thursday 8:30AM-11:35AM

Format – Synchronous Online

Professor – Doreen Blandino (doreen.blandino@stvincent.edu)

Course Description: Further understanding of Spanish syntax with emphasis on the subjunctive, complex grammatical structures and idiomatic usages. Reading, compositions, and oral exercises. Both courses build an awareness and appreciation of the variety of Spanish cultures. Prerequisite: satisfactory completion of SP 203 or appropriate score on the Colleges language placement examination. Offered spring semester. Three credits.