

St Bonaventure Dual Enrollment: Course Descriptions: 2019-2020 Academic year**ENGLISH:****ENG 101**

ENG 101: Writing I

A composition course emphasizing the development of a writing process, contextual awareness, and knowledge of conventions of academic and professional discourse. Course assignments foreground critical reading, writing, and argumentation skills, as well as style, and mechanics. This course is a pre-requisite for ENG 102. (3 credits)

ENG 102

ENG 102: Writing 2

A further refinement of ENG 101, ENG 102 extends students' abilities by directing them to special writing assignments (argumentation, research, and aesthetic criticism). This is accompanied by an intensive examination critical thinking itself. Once again, reading essays will serve as a foundation for students' own work. (3 credits)

ENG 230. Public Speaking

The basic principles of oral communication are stressed as the student delivers a minimum of seven speeches. The use of audio-cassettes and videotaping allows each student to concentrate upon individual needs. (3 credits)

ENG 213. Popular Literature

Analysis of several types of popular literature: the western, the mystery story, science fiction, sports literature, with a consideration of the relationship between popular literature and the literature of high culture. (3 credits)

PHIL 111: (formally CLAR 111). Introduction to Critical Thinking

Introduction to Critical Thinking introduces the student to the concepts and techniques of critical thinking, focusing on the analysis and evaluation of arguments, creating cogent and sound arguments, recognizing errors in reasoning, evaluating definitions, determining the credibility of sources, and testing claims by means of seeking disconfirming evidence. (3 credits)

MATH:**MATH 108. Pre-Calculus Mathematics**

This course provides a detailed study of topics needed for success in calculus: algebra, trigonometry, analytic geometry, and functions. Intended for students who need to take at least one semester of calculus for their major. (3 credits)

MATH 151. Calculus I

The study of calculus of functions of one variable. The course covers rates of change, limits, the derivative, the definite integral, the Fundamental Theorem of Calculus, area and average value, and exponential growth and decay. All topics are treated with an emphasis on graphical interpretation. (4 credits)

MATH 152. Calculus II

A continuation of Math 151 that includes methods of integration, numerical integration, applications of the definite integral, double integrals, Taylor polynomials and approximations, infinite sequences and series, and vectors in two dimensions. (4 credits)

MATH 107. Introduction to Statistics

This non-calculus-based study of statistics, includes descriptive methods, basic probability theory, some design and data-collection issues, and procedures for statistical inference. Topics on statistical inference include confidence intervals and hypothesis testing for means and proportions along with chi-squared tests. Emphasis is on set-up and interpretation rather than on computation, with a significant reliance on computer software and/or statistical calculators for the "number crunching" portion of the analysis. (3 credits)

HISTORY:**POLS 102. American Politics**

This course seeks to explain American politics as the interaction among political thought, economic, political, and social structures, and the struggle for human rights. Grounded in an understanding of the clash between economic elites and democratic forces during the Constitutional period, the course then traces this dynamic into the basic governmental structure, political parties and elections, media influence, and political struggle for human rights. Finally, the course explores the possibilities for change under the current political/economic/social structures. (3 credits)

POLS 205. Law and Society

Law is a common and yet distinct element of daily life in modern societies, simultaneously shaping and being shaped by society. The creation, interpretation, and enforcement of laws occur in the context of historical changes, societal norms, and the subjective concerns and whims of those charged with their creation. This course will explore, from an American and comparative perspective, the nature of law as a set of social systems, central actors in the systems, legal reasoning, and the relationship of the legal form and reasoning to social change. (3 credits)

HIST 201. United States History to 1865

Survey of the history of the United States from its discovery through the Civil War. American social, economic and cultural influences are woven into the traditional political pattern. Emphasis is on the Colonial Era, the American Revolution, the Early National Period, the Age of Jackson and the Civil War. (3 credits)

HIST 202. United States History Since 1865

A survey of the history of the United States from Reconstruction to modern times. The course focuses upon the social, economic and cultural growth of the modern United States in the setting of traditional political events. Emphasis is given to the growth of business, Progressive Reforms, the Roaring Twenties, the Great Depression, the World Wars and post-war America. (3 credits)

SCIENCES:

BIO/BIOL 110. Plants and Human Culture.

From foods, to medicines, to fibers, to building materials, plants serve a vital role in our lives. This course emphasizes how basic plant structure and function interfaces with human existence. Special attention will be given to multi-cultural approaches to the use of plant material. Laboratory experiences are designed to highlight practical applications of botany. This course cannot be used to fulfill elective credit requirements for the biology major. 3 hours lecture/1 laboratory per week. (4 credits)

LANGUAGE

FREN 101-102. Elementary. The fundamentals of French grammar and structure. Seeks to develop language proficiency through communicative methods and culturally oriented materials. Prerequisite for 102 is 101, equivalent, or permission of instructor. (3 credits each).

*Students do not need to have prior French courses to take French 101