

256 Illustration (3)

The development of concepts and techniques relevant to the interpretation of stories, historical and contemporary events, architecture, and nature. The course includes an historical perspective on illustration art from the mid-19th century to the present. Upon completion of the course, students will be able to plan and execute a copy illustration, choosing the style, medium, and color scheme that most effectively illustrates the copy. *Prerequisite: Art 107, 308, and permission.*

271, 371, 471 Selected Topics (1-3) (1-3) (1-3)

An investigation of topics not offered in other courses, selected on the basis of student interest and available instruction.

308 Drawing II (3)

A course in which students further improve their drawing skills, especially the use of proper lighting and proportions with application to products and the human figure, and learn how to draw complex and intricate textures. *Prerequisite: Art 207.*

309 Drawing Studio (3)

An advanced drawing course implementing the media and techniques learned in Art 207 Drawing and Art 308 Drawing II. Students more finely tune their drawing skills and apply those skills to a professional-level rendering of a variety of subjects. *Prerequisite: Art 308.*

358 Arts, Issues, and Controversies (3)

The study of the interplay within the arts and the role they play in ideology, politics, propaganda, and moral issues. Consideration is given to issues of patronage, advertising, eroticism and pornography, religion, and the visual images of popular culture. Students will be able to articulate the role of the visual arts in society and relate how images serve and challenge dominant human institutions. *Prerequisite: Junior standing or three previous credits in Art History.*

Astronomy (AST)

103 Introductory Astronomy (3)

A study of the structure and evolution of the universe with emphasis on the solar system, stellar evolution, galaxies, cosmology, and planetary systems.

103L Astronomy Laboratory (1)

An optional laboratory accompanying Astronomy 103. The laboratory work includes telescope operations and viewing and laboratory experiments illustrating the physical principles of astronomy.

Biology (BIO)

219 Pathophysiology (3)

An introduction to the basic concepts of pathophysiology. Students examine the phenomena that produce alterations in human physiologic function and the resulting human response. Upon completion of this course, students

will understand pathophysiological changes, including how pathological processes are manifested, progress in the body, and primary and secondary effects. *Prerequisite: Anatomy and Physiology II.*

Business (BUS)

205 Business Writing (3)

An examination of effective written communication in organizational contexts through realistic applications relevant to the current business environment. Upon successful completion of the course, students will be able to: 1) use technically correct, clear English in the preparation of business documents, including letters, memoranda, and reports; 2) analyze and synthesize information to write a focused, effectively organized report for a designated audience; and 3) document research sources appropriately.

212 Human Resource Management (3)

An introduction to the organization of human resources in business organizations. This course presents human resource issues in a manner relevant to all students and emphasizes practical applications for managers and supervisors in various organizations. Topics covered include the following: human resource environments, securing human resources, rewarding and developing human resources, and evaluating the human resource function.

215 Applied Statistics for Business (3)

An introductory course in statistical procedures with applications to business. Topics include descriptive statistics, the binomial and normal distributions, sampling, hypothesis testing, estimation, correlations, contingency tables, and one-way analysis of variance and linear regression.

219 Issues in Health Care Costs and Financing (3)

An introduction to the basic principles of health care costs and financing, including supply and demand, product markets, employment, payer and price systems, and the impact of government and regulatory agencies. Upon completion of the course, students will be able to apply basic business principles to discussion of health care issues, including health care costs, access, and payment for service. *Prerequisite: Math competency.*

226 Finance (3)

A survey of financial concepts and analytical tools used by domestic and international businesses. This course includes financial mathematics, financial and operational planning and management, and long-term investment analysis, including cost of capital and capital budgeting. When appropriate, spreadsheet applications will be integrated into this course. *Prerequisite: Accounting 103, Economics 102 and Computer Systems Applications 102 (or demonstrated competency). (Accounting 104, Business 215, and Economics 101 are strongly recommended.)*

242 Management (3)

An introduction to the internal organization, structure and executive functions in the business enterprise and other goal-directed institutions.