

405 Secure Web Access Using Microsoft Proxy Server 2.0 (3)

A course covering installing, configuring, and troubleshooting Microsoft Proxy Server. It includes basic architecture of the server, security configurations, and integration with Microsoft Internet Information Server. *Prerequisite: Information Systems Management 302 or permission. (This is Microsoft course #836.)*

409 Project Management (3)

An introduction to the basic concepts of project management. Students become familiar with generally accepted project management knowledge and practice, learn all aspects of the processes of project management, and develop an understanding of the relationship of project management to other management disciplines. *Prerequisite: Business 242.*

421 Information Systems Management Internship (0-9)

Supervised on-the-job experience in a for-profit, not-for-profit, or governmental environment. *Prerequisite: Permission. (Pass/Fail)*

425 Network Administration (3)

In this course, students develop the skills necessary for computer systems network administration. They learn the administration requirements for current network operating systems, including both server and workstation support. Emphasis is placed on routine network administration management tasks, along with back up and disaster recovery procedures within a client/server environment. *Prerequisite: Information Systems Management 253, 342, 358, or competence.*

445 Modeling and Simulation (3)

Students learn to use techniques of modeling to simulate business operations for problem solving, forecasting, and decision making. The focus of the course is the practical application of simulation modeling. Each student builds an operational model/simulation for a local organization. *Prerequisite: Information Systems Management 215 or permission.*

496 Senior Seminar (3)

With the guidance of a faculty member, students will develop a research or experiential project which will demonstrate the knowledge and skills expected upon completion of the major. Satisfactory completion of this project, including a written and oral presentation, will demonstrate a solid understanding of the major, as well as the confidence and skills to work with existing and emerging aspects of the professional field, to do independent research and effective problem solving, and to communicate effectively. *Prerequisite: Interdisciplinary Studies 206, senior standing, and permission.*

Interdisciplinary Studies (IDS)

104 Reorientation to Higher Education (1)

A course designed to 1) help students understand the meaning of a liberal arts education and the organization and structure of college degree requirements; (2) build the student's confidence in the ability to study and learn in a formal academic setting; (3) diagnose current individual skill levels in the ar-

ease of writing, reading comprehension, reading rate, vocabulary, and math; (4) continue development of study skills for note-taking, textbook analysis, time management, test-taking, and listening; and 5) help students understand college-level writing requirements and demystify writing as a skill. *(Pass/Fail)*

109 American Sign Language I (3)

A beginning course in the visual-gestural processes of American Sign Language (ASL). Students develop basic receptive and expressive language skills in ASL, including signs, grammar syntax, and finger spelling, and will begin development of an understanding of the culture of the deaf.

206 Introduction to Research (3)

The study of basic research methodology and the tools of research with instruction in principles and procedures applicable to all disciplines. Students are introduced to the concepts and skills necessary for data collection and analysis.

International Studies (INT)

314 History of the Vietnam War and the 1960s (3)

A course designed to provide an overview of the Vietnam War as well as the social, political and cultural context of the 1960s. Effects of the Vietnam War and the 1960s on U.S. culture and politics today are also emphasized. **This course fulfills the Cultural Perspectives requirement of the Doane Plan.** *(Cross-referenced with History 314.)*

315 International Relations Since 1945 (3)

A course examining critical changes in international relations since World War II. Particular emphasis is on three concepts: security, interdependence, and global commons. **This course fulfills the Cultural Perspectives requirement of the Doane Plan.**

Mathematics (MTH)

103 Mathematics and the Imagination (3)

An introductory liberal arts course emphasizing the many uses and practical applications of mathematics.

105 College Algebra (3)

An introduction to problem solving using algebra as a tool. Students completing this course will have knowledge of rational expressions, exponents, factoring, equations, inequalities and functions, will be able to model a variety of real-world phenomena, and will be able to solve practical problems using algebra.

115 Finite Mathematics (3)

Matrices, systems of linear equations, linear programming using geometric and simplex methods, set theory, probability, Markov chains, and game theory. *Prerequisite: Two years of high school algebra or Mathematics 105.*