

tinctive qualities. Students will also gain an understanding of the nature of social, political, economic, and psychological forces and how they affect us. First term: 1300-1815; Second term: 1815 to the present.

205, 206 History of the United States I, II (3) (3)

Investigation and analysis of the American colonial and national experience with emphasis on intellectual and institutional factors. First term ends 1877.

301 Women in History (3)

An analysis of the role and evolving status of women within Western culture in modern history (19th and 20th centuries).

305 Recent History of the United States (3)

An in-depth analysis of selected 20th century personalities, problems, and trends significant in the shaping of the current domestic and foreign contexts of American life.

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 International Studies 314.)**

321 American Race Relations (3)

An examination of the interaction of Asian, European, and African cultures in North America from colonial times to the present. Areas of emphasis include colonial Indian relations, the rise and fall of slavery, Asian immigration, the civil rights movement, and modern issues of assimilation, separatism, and nativism.

324 Colonial America and the Revolution (3)

An intermediate-level survey of the social, economic, intellectual, and political development of the North American colonies from the Age of Exploration to the ratification of the U.S. Constitution. **Prerequisite: History 205 or equivalent.**

Human Relations (HRE)

221 Human Potential and Growth (3)

A course exploring underlying theories, current research and knowledge in the area of cognitive skills training. Its goal is to help students understand the processes of thinking and the potential for effective learning.

232 Case Planning and Management (3)

Specific to alcohol/drug abuse and other addictions, students are taught to 1) develop, coordinate, and prioritize client treatment goals, 2) develop and utilize the written client record for case assessment, planning, and management, 3) work with other agencies, resources, and services, and 4) appreciate the rules of confidentiality of client information and records. **Prerequisite: Psychology 219 or permission.**

271, 371, 471 Selected Topics in Human Relations (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.

315 Group Counseling (3)

A study of the basic issues and key concepts involved in group counseling and the application of these concepts to a variety of therapeutic groups. *Prerequisite: Speech Communication 112 and Psychology 234.*

317 Psychopharmacology (2)

A study of the basic pharmacology and classification of drugs and the effects of drug/alcohol use on the systems of the body. *Prerequisite: Psychology 219 or permission.*

321 Clinical Treatment Issues in Chemical Dependency (3)

A study of treatment issues and various treatment theories and models specific to alcohol and drug abuse. *Prerequisite: Psychology 219 or permission.*

331 Personnel Law (3)

An in-depth study of personnel law from both a conceptual and a practical perspective. Students learn (1) the guidelines established for disciplinary actions, hiring, firing and promotion; (2) the legal response to sexual harassment in the workplace; (3) the responsibility of the employer to provide safe working conditions; (4) equal employment opportunity law; and (5) legal issues as they pertain to physical, mental, and emotional illness and disability. *(Cross-referenced with Business 331.)*

415 Leadership in Organization (3)

A course designed to investigate attitudes and behaviors which inspire and motivate others to a common purpose through and investigation of current and historic leadership theories, to lead the student to a conceptual understanding of the term leadership, and to help students acquire the attitudes and skills necessary for innovation, risk-taking and team-building. *(Cross-referenced with Business 415.)*

417 Multicultural Counseling (3)

A course designed to give students the self-understanding, knowledge, and techniques necessary to counsel a person whose culture is different from that of the counselor. *Prerequisite: Psychology 234.*

421 Internship in Human Relations (1-3)

On-the-job experience and involvement in activities which develop skills in the effective management of people. The internship may be in a business firm or human services agency. *(Pass/Fail)*

428 Professional Ethics and Issues (3)

The study of ethical counseling practices, behaviors and decision making. Includes legal considerations, rights of clients, and counselor roles and values. *Prerequisite: Psychology 234.*

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, Business 215 or Social Science 217, senior standing, and permission.*

Information Science and Technology (IST)

307 Database Design and Development (3)

A study of the methods of organizing data on peripheral devices and of accessing this information in an efficient manner. Upon completion of this course, students will understand the relationship between file systems and database systems, and will design and implement a database application using a popular DBMS. *Prerequisite: Information Science and Technology 145.*

341 Principles of Programming Languages (3)

A study of the principles governing the design of modern programming languages including: language syntax - representation and parsing; language processors - compilers and interpreters; language representations - data/control structures and binding; language styles - procedural, functional, object, logic, and data flow. One or more example languages are studied in some detail. Upon completion of this course, the student will have an understanding of how programming languages are developed and of the common principles that relate various programming languages. *Prerequisite: Permission.*

352 Operating Systems (3)

An introduction to operating systems. Students will leave the course with a better understanding of multiprogramming concepts such as CPU scheduling, deadlocks, memory management, virtual memory and protection, operating systems structures, and distributed operating systems. Current operating systems will be surveyed and discussed as they relate to these concepts. *Prerequisite: Permission.*

Information Systems Management (ISM)

101 Software Development I (3)

This course provides, through the development of small software applications, an understanding of the process of developing software, including the identification of a problem, and the design, analysis, and implementation of algorithms and data/file structures to solve that problem. Students learn how to implement algorithms and data/file structures in a high-level language, and how to test and verify that implementation. *Prerequisite: Information Systems Management 100. (Students may demonstrate competence to fulfill this requirement.)*

102 Software Development II (3)

A continuation of Information Systems Management 101, this course provides, through the development of larger software applications, an under-