

Credit Hours: 5

Continuation of CHEM 204 Organic Chemistry I with course content extending into aldehydes, ketones, carboxylic acids and derivatives, aromatics, amines, and other classes of compounds, reaction mechanisms, and spectroscopy.\

Communication

COMM 101 (1560) Public Speaking KRSN COM1010**

Prerequisite: None

Credit Hours: 3

A basic study of communication theory and its practical application at all levels: intra-personal (understanding the self), interpersonal (one-to-one relationships and small group interaction), and public speaking. Students examine factors that influence the development of the self-concept and interpersonal relationships, participate in problem-solving panel discussions, deliver informative and persuasive speeches, and improve their critical listening and thinking skills.

COMM 102 Interpersonal Communication KRSN COM1020**

Prerequisite: None

Credit Hours: 3

This course is a study of dyadic communication within interpersonal relationships between friends, family, fellow students, romantic partners, supervisors, and colleagues in the workplace. Emphasis is placed on the role of healthy and meaningful communication in establishing, building, maintaining, and sometimes refashioning personal and /or professional interpersonal relationships. Course content stresses how to become a more effective and competent communicator by exploring personal communication goals, analyzing communication barriers, identifying relational breakdowns in communication, and addressing conflict scenarios in order to deepen a student's understanding of the communication process and improve communication skills.

COMM 103 (0635) Introduction to Advertising

Prerequisite: None

Credit Hours: 3

This course examines strategies, techniques, and principles behind effective advertising including planning, targeting, media selection and buying, strategy and design.

COMM 105 (0637) Introduction to Public Relations

Prerequisite: None

Credit Hours: 3

This course introduces students to the public relations industry from management and practitioner standpoints. It focuses on developing skills and knowledge required to be a successful public relations practitioner.

COMM 106 (0620) Introduction to Mass Media KRSN COM1030**

Prerequisite: None

Credit Hours: 3

This course is an introduction to different forms of mass media – newspaper, magazines, books, radio, recordings, television, motion pictures and others. It is designed to give students an understanding of the media's role in society today. The course will explore the histories of the different forms of media, the evolution of the media's role in society, problems with media today, possible solutions to those problems, current media practices, mass media theory, ethics, and the media and social problems. Students will be asked to keep abreast of the media and current events through reading newspapers, watching television, listening to the radio, surfing the web, and more.

Computer Science

COMP 110 (0715) Computer Concepts and Applications KRSN CSC1010**

Prerequisite: None, but keyboarding skills recommended

Credit Hours: 3

*Refer to the Placement Testing Procedure 3.22, page 26 **Refer to Course Transfer, page 20

An introduction to the study of computer hardware and use of software including operating systems, Internet browser, word processing, spreadsheet, database, and presentation programs. Students need basic keyboarding skills to enroll in this course.

COMP 115 (0733) Spreadsheets (Microsoft Excel)

Prerequisite: None, but keyboarding skills recommended

Credit Hours: 3

This course is a comprehensive hands-on course that provides users with fundamentals, both conceptual and applied, they need to use spreadsheet software. Students learn basic and advanced features of spreadsheet use and develop the tools needed to apply this technology to business application.

COMP 120 (0717) Computer Information Systems

Prerequisite: Keyboarding Skills

Credit Hours: 3

An introduction to the use of computer-based information systems and communications technology in a business environment. Includes an introduction to information technology terminology, hardware, software, and data communications as well as a survey of programming languages and emerging computer technologies.

COMP 130 (0736) Introduction to Programming Logic

Placement Test Level: Intermediate Algebra Placement-MATH100 or above

Prerequisite: None

Credit Hours: 3

This class is an introduction to the program development and design process, including computer-based concepts of problem solving and use of tools such as flowcharts, structure charts, and pseudocode. The following is stressed in this course: basic constructs of programming including structured techniques, modular design, top-down design, coding, and testing.

COMP 135 (5516) C++ Programming

Prerequisite: COMP 138 Visual Basic Programming

Credit Hours: 3

An introduction to C++ Programming using structured programming and object oriented design.

COMP 138 (0730) Visual Basic Programming

Prerequisite: COMP 130 Introduction to Programming or MATH 100 Int. Algebra with grade B or higher

Credit Hours: 3

This course provides the beginning programmer with a solid foundation in Visual Basic programming, using visualization and application. Designed for beginners with little or no previous programming experience, this course emphasizes solid programming principles and teaches the Visual Basic language in the process. By putting standard concepts, like input, output, selection, and repetition, at the forefront, instead of focusing solely on a specific language, students will gain knowledge and insight that is easily transferable to other languages.

COMP 180 (5510) Introduction to Networking I

Prerequisite: None

Credit Hours: 3

The main goal of this course is to provide you with a comprehensive understanding of networking technologies, concepts and terminology. You will learn about the equipment and technologies used in LANs and WANs. You will learn about the network topologies used today and design a network using these topologies. A variety of network equipment will be discussed, including hubs, routers, switches, and NICs. LAN architectures are covered including Ethernet, token ring, and FDDI. Also, you will learn about wide area networking technologies and remote access technologies such as X.25, ISDN, frame relay, ATM, DSL, SMDs, and SONET networks. Wireless networking and handheld computing is also discussed. All major LAN and WAN protocols will be discussed including TCP/IP and the newer IPv6. In addition you will learn about the OSI layered communications model. Aside from learning the technologies involved in networking, you will get to understand the daily tasks involved with managing and troubleshooting a network. You will have a variety of hands-on and case project assignments that reinforce the concepts you read in each chapter.

*Refer to the Placement Testing Procedure 3.22, page 26 **Refer to Course Transfer, page 20

COMP 182 (5511) Networking II

Prerequisite: COMP 180 Introduction to Networking I

Credit Hours: 3

This course is designed to implement the Network+ technologies from the COMP 180 Introduction to Networking I course.

COMP 192 (0729) Database Concepts (Microsoft Access)

Credit Hours: 3

Students will gain a comprehensive understanding of database architecture and function. Students will learn how to create an operational database including interactive queries, graphical user interfaces and comprehensive report using Microsoft Access. This course is designed to give a thorough knowledge of the working database that may be encountered in a professional setting.

COMP 205 Special Topics in Computing/Robotics

Prerequisite: Special Permission of Instructor

Credit Hours: 3

Covers selected topics in Networking and Computer Science. A specific programming language, application, networking, or programming topic will be listed as a subtitle.

COMP 212 (5508) Principles of Software Design

Prerequisite: COMP 135 C++ Programming

Credit Hours: 3

Intermediate programming techniques using the C++ language. Topics covered include sorting, object oriented programming, data abstraction, algorithmic design, and basic data structure including linked lists and arrays.

Criminal Justice

CRIM 101 (5551) Introduction to Administration of Justice KRSN CRJ1010**

Prerequisite: None

Credit Hours: 3

A study of the overall system of criminal justice from its early historical development to its evolution within the United States; identification of various subsystems and components – law enforcement courts, corrections, and private agencies; their role expectations and interrelationships; basic premises and crime, punishment, and rehabilitation; education and training elements; and ethics for professionalism within the system.

CRIM 111 (5567) Patrol Procedure

Prerequisite: None

Credit Hours: 3

The fundamentals of proper patrol procedures and techniques, with particular emphasis on safety, public relations, crime prevention, and the handling of routine complaints. Identifying and the handling of police problems that are most frequently encountered.

CRIM 112 Ethics in Criminal Justice

Prerequisite: None

Credit Hours: 3

This course is an examination of the ethical considerations facing the criminal justice practitioners. Some topics to be discussed include moral behavior, maintaining moral and ethical behavior under the powers of law enforcement authority, ethics and law enforcement, ethics and the courts, punishment for ethical violations, policy and management issues, professionalism, pride and ethics for practitioners. By the end of the course, students will have a better understanding of ethical and moral issues within the criminal justice system.

CRIM 118 Drugs in Society

Prerequisite: None

*Refer to the Placement Testing Procedure 3.22, page 26 **Refer to Course Transfer, page 20