

Recommended: CHEM 120 Introduction to Chemistry or 1 year High School Chemistry.

Credit Hours: 5

First course of a two-semester study of general chemistry. Course content includes nomenclature, stoichiometry, acids and bases, oxidation-reduction reactions, gas laws, thermochemistry, atomic structure, periodicity, bonding, molecular structures, and bonding theory. (Fall Semester)

CHEM 126 (1962) College Chemistry II KRSN CHM1020/1021/1022\*\*

Placement Test Level: General Education Course Placement\*

Prerequisites: CHEM 124 College Chemistry I and MATH 115 College Algebra

Credit Hours: 5

A continuation of College Chemistry I with course content including kinetics, equilibrium thermodynamics, acid-base theories, electrochemistry, and nuclear chemistry. (Spring Semester)

CHEM 204 (1972) Organic Chemistry I

Placement Test Level: General Education Course Placement\*

Prerequisite: CHEM 124 College Chemistry I

Recommended Prerequisite: CHEM 126 College Chemistry II

Credit Hours: 5

First course of a two-semester study of the principles of organic chemistry. Course content includes organic nomenclature, reaction mechanisms elimination and substitution, and stereochemistry. Classes of compounds include alkanes, alkenes, ethers, alcohols and thiols. (Fall Semester)

CHEM 207 (1995) Organic Chemistry II

Placement Test Level: General Education Course Placement\*

Prerequisite: Organic Chemistry I

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) Fundamentals of Speech KSRN COM1010\*\*

Placement Test Level: General Education Course Placement\*

Prerequisite: None

Credit Hours: 3

A basic study of communication theory and its practical application at all levels: intrapersonal (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 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.

\*Refer to the Placement Testing Procedure 3.22, page 24 \*\* Refer to Course Transfer, page 18

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

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.

**COMM 110 (1563) Critical Thinking and Argumentation**

Placement Test Level: General Education Course Placement\*

Prerequisite: None

Credit Hours: 3

This course is an introduction to the basic theory of argument and persuasion. Students learn how to think in a clear and logical manner, analyze information critically, formulate persuasive arguments, and deliver those arguments effectively, both in oral and in written forms. Students learn how to make claims, provide evidence, explore underlying assumptions, and analyze counterpoints.

## Computer Science

**COMP 110 (0715) Computer Concepts and Applications KSRN CSC1010\*\***

Placement Test Level: General Education Course Placement\*

Credit Hours: 3

Prerequisite: Previous keyboarding skills or OTEC 101 Keyboarding or OTEC 102 College Keyboarding.

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: Keyboarding Skills

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**

Placement Test Level: General Education Course Placement\*

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

\*Refer to the Placement Testing Procedure 3.22, page 24 \*\* Refer to Course Transfer, page 18