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BUAD 215 Principles of Management KRSN BUS2020\*\*

Prerequisite: None

Credit Hours: 3

Principles of Management introduces the student to the functions of management: planning, organizing, leading and controlling. This includes concepts such as organizational cultures, ethics, decision making, dynamics of teams and leadership.

## Chemistry

All 5 Credit Hour Chemistry courses include a Lab.

CHEM 120 (1951) Introduction to Chemistry KRSN CHM1030\*\*

Prerequisite: None

Credit Hours: 5

This course provides a basic foundation in general chemistry. Course content includes nomenclature, acids and bases, nuclear chemistry, bonding, molecular structures, biological molecules, unit conversions, and solution chemistry. This course is recommended for students in health and science fields, for students preparing for CHEM 124 College Chemistry II, and students fulfilling general education requirements. The overall objectives to the course are as follows: To provide a body of knowledge concerning transformations and processes in chemistry. To provide insights into the nature of matter. To develop problem solving skills. To understand how the microscopic (atoms and molecules) effects the macroscopic (the visible world). To develop a sense of chemistry's societal importance, especially its impact on the environment, industry, and technology.

CHEM 124 (1961) College Chemistry I KRSN CHM1010\*\*

Prerequisite: MATH 100 Intermediate Algebra or higher

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, thermo-chemistry, atomic structure, periodicity, bonding, molecular structures, and bonding theory. (Fall Semester)

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

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, electro-chemistry, and nuclear chemistry. (Spring Semester)

CHEM 204 (1972) Organic Chemistry I

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 stereo-chemistry. Classes of compounds include alkanes, alkenes, ethers, alcohols and thiols. (Fall Semester)

CHEM 207 (1995) Organic Chemistry II

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.\

\*Refer to the Placement Testing Procedure 3.22, page 22 \*\*Refer to Course Transfer, page 17