

APPLIED PHYSICAL SCI (SCIT)

SCIT 1307 Applied Human Anatomy and Physiology I 3 Credits (3 Lec, 0 Lab)

This course is an applied systematic study of the structure and function of the human body. Includes anatomical terminology, cells, tissues, and the following systems: integumentary, skeletal, muscular, nervous, endocrine, digestive, urinary, reproductive, respiratory and circulatory.

Emphasis on homeostasis.

Course Type: Technical

SCIT 1318 Applied Physics 3 Credits (2 Lec, 2 Lab)

This course is an Introduction to physics for industrial applications including vectors, motion, mechanics, simple machines, matter, heat, and thermodynamics.

Prerequisite(s): TECM 1301 or higher, and Reading level 7, Writing level 7, Math level 6

Course Type: Technical

SCIT 1370 Introduction to Analytical Chemistry 3 Credits (3 Lec, 0 Lab)

The course topics address recently identified current events, skills, knowledge, and /or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. NOTE: This course may be taken a maximum of 4 times for credit, including the first time. The course was designed to be repeated to improve student proficiency.

Prerequisite(s): MLAB 1101

Course Type: Technical

SCIT 1395 Special Topics in Analytical Chemistry 3 Credits

The course topics address recently identified current events, skills, knowledge, and /or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

This course was designed to be repeated multiple times to improve student proficiency.

Prerequisite(s): MLAB 1101 (3:3-0).

Course Type: Technical

SCIT 1414 Applied General Chemistry I 4 Credits (3 Lec, 3 Lab)

This course offers applications of general chemistry emphasizing industry-related laboratory skills and competencies including laboratory safety and report writing. It addresses supporting chemical theories including atomic and molecular structure, nomenclature, chemical reactivity, gas laws, acids and bases, and solutions, and an overview of organic chemistry.

Prerequisite(s): MATH 1333 or MATH 1314 or higher, Reading level 7, Writing level 7, Math level 6

Course Type: Technical

SCIT 1418 Applied Physics 4 Credits (3 Lec, 3 Lab)

This is an introduction to physics for industrial applications including vectors, motion, mechanics, simple machines, matter, heat, and thermodynamics.

Prerequisite(s): TECM 1301 or higher, Reading level 7, Writing level 7, Math level 6

Course Type: Technical