



2023 to 2024 Academic Year

The information included in this list is subject to change

SCHOOL OF FOUNDATIONAL LEARNING: SCIENCE/BIOLOGY/CHEMISTRY/PHYSICS			
BASIC ADULT EDUCATION-SCIENCE			
Course Name:	Credit	Requirements:	Course Description:
SCIE0801 Science Preparation	5	A minimum grade of C- in ENGL0704 and MATH0703	Students will be introduced to science concepts and vocabulary related to life and physical sciences such as light, mechanical and electrical systems, the cell, genetics, and chemistry.
HIGH SCHOOL UPGRADING-SCIENCE/BIOLOGY/CHEMISTRY/PHYSICS			
Course Name:	Credit	Requirements:	Course Description:
SCN1270 Science 10	5	A minimum grade of C- in SCIE0801	Students in this course will study energy and matter in chemical change, energy flow in technological systems, cycling of matter in living systems, and energy flow in global systems.
SCN2270 Science 20	5	A minimum grade of C- in SCN1270	Students in this course study chemical changes, changes in motion, the changing earth, and changes in living systems. It is intended for students who do not need specialized sciences in career programs or trades.
SCN3270 Science 30	5	A minimum grade of C- in SCN2270	Students in this course study how living systems respond to their environment, chemistry and the environment, electromagnetic energy, and energy and the environment. This science course is accepted as a 30 level science in many post-secondary institutions and career programs.
SCN2231 Biology 20	5	A minimum grade of C in SCN1270	This course analyzes energy and matter exchange in the biosphere, ecosystems and population change, photosynthesis and cellular respiration, and human systems.
SCN3230 Biology 30	5	A minimum grade of C- in SCN2231	This course analyzes nervous and endocrine systems, reproduction and development, cell division, genetics and molecular biology, and population and community dynamics. This course prepares students for post-secondary programs in health and biological sciences.
SCN2796 Chemistry 20	5	A minimum grade of C in SCN1270	This course analyzes the diversity of matter and chemical bonding, forms of matter, matter as solutions, acids and bases, quantitative relationships in chemical changes.
SCN3796 Chemistry 30	5	A minimum grade of C- in SCN2796	This course analyzes thermochemical changes, electrochemical changes, chemical changes of organic compounds, chemical equilibrium focusing on acid-base systems. This course prepares students for post-secondary programs that focus on chemistry and other sciences.
SCN2797 Physics 20	5	A minimum grade of C in SCN1270	This course analyzes kinematics, dynamics, circular motion, work, and energy, oscillatory motion and mechanical waves.
SCN3797 Physics 30	5	A minimum grade of C- in SCN2797	This course analyzes momentum and impulse, forces and fields, electromagnetic radiation, and atomic physics.