

NORTHERN ILLINOIS UNIVERSITY
Testing Services
and
The Department of Chemistry & Biochemistry

CHEM 110 PROFICIENCY EXAMINATION

- ELIGIBILITY:** Students who are especially well prepared in chemistry are invited to attempt this exam. Three semester hours of credit in CHEM 110, Chemistry, are awarded to those who pass the exam.
- NOTE:** Students may not earn proficiency credit for a course for which they have received credit; nor may they receive proficiency credit for courses which substantially overlap or are prerequisite to any in which they are enrolled or for which they have received credit. Normally, a student may attempt to gain proficiency credit for a particular course only once.
- PROFICIENCY EXAM:** The exam consists of 80 items. Eighty minutes of testing time are allowed. The use of a non-programmable calculator is permitted for this examination.
- AREAS OF CONTENT:** The exam covers the material usually found in a one-year high school chemistry course or a one-semester survey course in chemistry at the college level. The topics covered include formulas, equations, stoichiometry, atomic structure, the periodic table, chemical bonding, kinetic theory of gases, equilibria, acids and bases, redox reactions, and the chemistry of some common elements. Further information regarding this exam may be obtained from the Department of Chemistry & Biochemistry, Faraday Hall 319. Phone (815) 753-1131.
- EXAM RESULTS:** Results will be available immediately following completion of the exam. Scores on the CHEM 110 Proficiency Exam are to be interpreted as follows:
- | SCORE OF: | INTERPRETATION |
|----------------------|--|
| 51 or above | Three hours of credit will be granted for CHEM 110, Chemistry. If your major program requires CHEM 230, Introductory Organic Chemistry, register for that course. If your program does not require CHEM 230, but you are still required or wish to take a chemistry course, see a chemistry advisor for assistance in selecting an appropriate course. |
| 40 through 50 | No credit will be granted for CHEM 110, Chemistry. If your major program requires CHEM 230, Introductory Organic Chemistry, register for that course. If your program does not require CHEM 230, but you are still required or wish to take a chemistry course see a chemistry advisor for assistance in selecting an appropriate course. |
| 39 or below | No credit will be granted for CHEM 110, Chemistry. If you are interested in chemistry for General Education credit or if your program requires the CHEM 110 - CHEM 230 sequence, register for CHEM 110. If your program requires CHEM 210, General Chemistry I and CHEM 212, General Chemistry Laboratory I, you must either (a) pass the Chemistry Placement Examination or (b) earn proficiency credit for CHEM 110 or (c) satisfactorily complete CHEM 110 before enrolling in CHEM 210 and CHEM 212. |
- REGISTRATION:** This exam must be scheduled in advance with Testing Services, Adams Hall 128. Telephone: (815) 753-1203; E-mail: testing@niu.edu.