

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

**CHEM 210-211 PROFICIENCY EXAM**

- ELIGIBILITY:** Students who have taken and received credit for two years of high school chemistry (or equivalent) are invited to attempt this 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. (Academic Regulations) Proficiency Examinations, Northern Illinois University Undergraduate Bulletin.
- PROFICIENCY EXAM:** The examination consists of 80 items. One hour and fifty minutes of testing time are allowed. The use of a non-programmable calculator is permitted for this examination. A table of logarithms will be provided.
- AREAS OF CONTENT:** The exam covers the first year of general college chemistry. Topics covered include atomic structure, chemical bonding, stoichiometry, kinetic theory, solutions, gases and ionic equilibria, acids and bases, thermodynamics, reaction rates, and some descriptive chemistry. Further information may be obtained from the Department of Chemistry and Biochemistry, Faraday Hall 319. Phone (815) 753-1131.
- EXAM RESULTS:** Results will be available immediately following completion of the exam.
- | <b>SCORE OF:</b>     | <b>INTERPRETATION:</b>   |
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| <b>60 or above</b>   | Eight semester hours of credit will be awarded as follows: CHEM 210, General Chemistry (3 semester hours); CHEM 212, General Chemistry Laboratory (1 semester hour); CHEM 211, General Chemistry (3 semester hours); CHEM 213, General Chemistry Laboratory (1 semester hour). |
| <b>50 through 59</b> | Four semester hours of credit will be awarded as follows: CHEM 210, General Chemistry (3 semester hours) and CHEM 212, General Chemistry Laboratory (1 semester hour).   |
| <b>49 or below</b>   | No credit will be granted.   |
- REGISTRATION:** This exam must be scheduled in advance with Testing Services, Adams Hall 128. Phone (815) 753-1203; E-mail: testing@niu.edu