

CHEM 110 Proficiency Examination

Testing Services and the Department of Chemistry & Biochemistry

# 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 310, Introductory Organic & Biological Chemistry, register for that course. If your

program does not require CHEM 310, 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 310,

Introductory Organic & Biological Chemistry, register for that course. If your program does not

require CHEM 310, 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 310 sequence,

register for CHEM 110. If your program requires CHEM 210, General Chemistry I & CHEM 212,

General Chemistry Laboratory I, you must pass the Chemistry Placement Examination

or earn proficiency credit for CHEM 110 or satisfactorily complete CHEM 110 before

enrolling in CHEM 210 and CHEM 212.

# Registration

This exam must be scheduled in advance with [Testing Services](http://www.niu.edu/Testing), (815) 753-1203, [Testing@niu.edu](mailto:Testing@niu.edu)