

FAQ: Toledo Chemistry Placement Exam Information 2025

Thank you for enquiring about the Toledo Chemistry Placement Exam at HACC.

What is the Toledo Chemistry Placement Exam?

- The Toledo Chemistry Placement Exam evaluates your general math and algebra skills as well as your overall knowledge of chemistry. It is designed to evaluate how prepared a student is to be successful in General Chemistry I, CHEM101.
- The Toledo Chemistry Placement Exam is intended for students who have not completed the chemistry pre-requisites for CHEM101. **Students who have completed EITHER CHEM 100 or High School Chemistry (grade of C or better) do NOT need to take the Toledo Chemistry Placement Exam.**
- *Note: It is recommended that students have already completed or be in the process of completing the MATH prerequisites before taking the Toledo Chemistry Placement Exam.*

How to schedule and to take the Toledo Chemistry Placement Exam?

1. The Toledo Chemistry Placement Exam must be taken at a campus Testing Center, it is NOT offered online or remotely.
2. **Schedule an appointment to take the Toledo Chemistry Placement Exam at a campus Testing Center.** Testing Center contact info: escohen@hacc.edu
3. On test day, bring your **photo ID** and a #2 pencil to the Testing Center.
4. Testing Center staff will provide you with the exam booklet, paper, and a calculator. You have 55 minutes to complete the exam.
5. *Note: Students may only take the Toledo Chemistry Placement Exam once.*

What is on the Toledo Chemistry Placement Exam?

- The test has 60 multiple choice questions which you must answer in 55 minutes.
- There are 20 math questions and 40 chemistry questions.
 - The math questions cover math skills up to and including college level algebra.
 - The chemistry questions cover material including these major topics: measurements, elements, ions, compounds, the periodic table, writing chemical formulas and equations, chemical reactions, states of matter, ionic and covalent bonding, gas laws, quantum theory, solutions, acids and bases, and thermodynamics.

Preparing for the Toledo Chemistry Placement Exam.

- You can review for the chemistry portion using any high school or college chemistry book. Here is a link to the FREE Chemistry textbook that is used by many of HACC's CHEM101 instructors <https://openstax.org/details/books/chemistry-2e>.
- Included with this email is a practice test (for the chemistry concepts) with answers and links that you might find useful.