

# CHEMISTRY (CHEM& 161) Placement Test

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| <b>Who may take the test?</b>       | Students who want to place into CHEM& 161. Additionally, students must have passed MATH& 141 or MATH& 148 with a grade of at least 2.0, or received a more advanced placement on the COMPASS math test. |
| <b>When can I test?</b>             | Make an appointment at Student Assessment Services, RSB 76, or by calling 206-768-6767.   |
| <b>How long will the test be?</b>   | 45 minutes  |
| <b>What is the test format?</b>     | Paper/pencil, multiple-choice, 44 questions.  |
| <b>What do I bring?</b>             | Government-issued photo ID.<br>Receipt showing payment of the \$17.00 fee.<br>No personal calculator allowed; TI-30XIIs is supplied.<br>No books or references allowed; a periodic table is supplied.   |
| <b>How will I know if I passed?</b> | Students must score at least in the 60 percentile.<br>Come to Student Assessment Services office, RS 76,<br>or see your advisor for score results.  |
| <b>Can I retest?</b>                | This is a one-time only test. Review before testing.  |
| <b>How can I prepare?</b>           | Review areas of study below and try the sample questions.   |

## Areas of Study:

|                             |  |
|-----------------------------|--|
| Chemistry Principles        | Kinetics                                   |
| Structure of Matter         | Chemical Thermodynamics                    |
| Atomic and Molecular Theory | Oxidation and Reduction                    |
| The Elements                | Electro-Chemistry                          |
| Quantitative Relationship   | Periodicity                                |
| Nuclear Chemistry           | Equilibrium Systems                        |
| Aqueous Solution            | Qualitative Analysis and Organic Chemistry |

**See this webpage for California Chemistry Diagnostic Test Sample Questions:**

**<http://placementtest.ucr.edu/ccdt/ccdt.pdf>**