

**Course Evaluation Measures Menu**

(Adapt this template as necessary to meet the needs of each course)

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| **Course number:** | CHM 150 |
| **Course title:** | Chemical Principles I |
| **Campus location(s):** | Georgetown, Dover, Stanton, Wilmington |
| **Effective semester:** | 2020-51 |

**Core Course Performance Objectives** (Copy and paste all CCPOs from syllabus)

1. Practice individual and collaborative quantitative skills necessary to solve scientific problems. (CCC 1, 2, 6; PGC 1, 7, 10).
2. Relate proper chemical terminology to nomenclature and formulas. (CCC 1, 2, 6; PGC 1, 7, 10).
3. Describe the structure and composition of matter. (CCC 1, 2, 6; PGC 1, 7, 10)
4. Explain properties of chemical substances. (CCC 1, 2, 6; PGC 1, 7, 10)
5. Express observable changes as chemical equations. (CCC 1, 2, 6; PGC 1, 7, 10)
6. Perform calculations using principles of chemistry. (CCC 1, 2, 6; PGC 1, 7, 10)
7. Safely assemble and operate routine chemistry laboratory apparatus. (CCC 2, 3, 6; PGC 1, 2, 3, 4, 5, 6, 7, 8, 9, 10)
8. Perform laboratory activities, document them in accordance with accepted professional standards, and analyze the results. (CCC 1, 2, 3, 4, 5, 6; PGC 1, 2, 3, 4, 5, 6, 7, 8, 9, 10)

**Summative Evaluations**

*Please note: All courses must have a* ***minimum******of four*** *summative evaluation measures, and those measures should include a variety of evaluation methods (e.g., test, oral presentation, group project).* ***Please list all summative evaluation measures.*** *In addition to these summative measures, a variety of formative exercises/quizzes/other assignments should be used to guide instruction and learning* *but do not need to be included on this template.*

*For each measure, please include a scope of the assignment: for example, if requiring a research paper, include the range of required number of words and number and types of sources; for a test, include the types and number of questions; for a presentation, include the minimum and maximum time, and so on.*

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| **Evaluation Measures:** Include each agreed upon measure and scope of that measure (see above). | **Which CCPO(s) does this evaluation measure?**  |
| **4-5 Tests**: 15-25 questions, includes multiple choice, short-answer, and calculation | 1-6 |
| **Laboratory Experiments:** 10-12reportssupported by notebook documentation of laboratory experience | 7-8 |
| **Formative assessments:** Quizzes, problem-solving, in-lecture and homework assignments | 1-8 |

**FINAL COURSE GRADE**

(Calculated using the following weighted average)

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| **Evaluation Measure** | **Percentage of final grade** |
| Summative: Tests (equally weighted)  | 70% |
| Summative: Laboratory Experiments (equally weighted)  | 25% |
| Formative:  | 5% |
| TOTAL | 100% |

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| **Submitted by (Collegewide Lead):** | Julie E. Brady | **Date** | 5/30/2019 |
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| **[x]  Approved by counterparts** | **Date** |  |
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| **[ ]  Reviewed by Curriculum Committee** | **Date** |  |