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| Course Number Course Name | CHEM 3301L Organic Chemistry I Lab |
| Credit Value (Breakdown of theory and lab credits) | 1 Lab |
| Catalog Course Description | Introduction to the techniques involved in the preparation, isolation, purification, and characterization of organic compounds. Co-requisite: CHEM 3301. |
| Course Student Learning Outcomes/Objectives /Competencies | Course Objectives - course content upon which a student's level of mastery will be assessed includes the ability to... (1) draw organic structures and their important resonance contributors and assess their acidity, stereochemistry, reactivity, and nucleophilicity/electrophilicity; (2) draw curved arrow mechanisms, construct energy diagrams, and predict major products for common organic reactions; (3) identify and name simple organic molecules and functional groups. |
| College-Wide Student Learning Outcomes measured (General education courses only) | |
| Program Student Learning Outcomes measured | 1. The Student should be able to analyze and solve problems using a formal critical thinking based on the scientific inquiry. |