

**Western Dakota Technical Institute
800 Mickelson Drive
Rapid City, SD 57703-4018**

Master Syllabus

Course Number: CHEM 106L
Course Name: Chemistry Survey Lab
Credits: 1
Contact Hours: 2 Lab

Course Description: Laboratory designed to accompany CHEM 106.

Prerequisites: None

Textbooks: <http://bookstore.wdt.edu>

Materials:

- CHEM 106L Laboratory Manual
- Laboratory Notebook: A hardbound composition notebook dedicated for laboratory use only. The best notebook is one that has grids (graph paper), but regular lined composition books are acceptable. There is no substitution for this requirement.

Student Learning Outcomes:

- Understand the fundamental principles of the natural science by applying scientific methods of inquiry to investigate natural phenomena and the natural world.
- Apply the scientific method in a series of laboratory experiences through hands on participation and recording of observations and results.
- Assess data critically using the appropriate methodology and protocol in a real-time environment and equipment.
- Explain the basic concepts and theories using scientific terminology in oral and written formats.

Assessment: Student's analytical skills will be assessed throughout this course.

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