

Course: CHM 117 **Course Title:** Fundamentals of Chemistry Lab
Credit Hours: 1 **Department:** Chemistry & Biochemistry
Prerequisite: "C-" or better in CHM 116 or concurrent enrollment.
May also receive credit for this course through Advanced Placement

CORE-42 Category: NATURAL SCIENCES - Chemistry: Essentials in Chemistry

MOTR CHEM 100L **MOTR Hours:** 4

When combined with CHM 116. The difference in credit hours and MOTR hours counts into the MOTR elective hours to reach 42 MOTR hours

Information submitted by a department representative on 5/31/2021 12:45:23 PM – Compiled by Darren Wienberg, Academic Advising & Transfer Center

Typically Offered During:

| | | | | | |
|-----------------------|-----|-------------------------------|----|-------------------------------|----|
| Fall Full Semester: | YES | Fall 1 st Block: | NO | Fall 2 nd Block: | NO |
| Spring Full Semester: | YES | Spring 1 st Block: | NO | Spring 2 nd Block: | NO |
| Summer: | YES | | | | |

Typical Instructional Modality:

| | | | | | |
|-----------------------|-----|-----------------|----|-----------|----|
| Traditional (seated): | YES | Blended: | NO | Internet: | NO |
| Online Video: | NO | Web Conference: | NO | | |

May Also Count Toward Department Offering:

| | | | | | |
|--------|----|--------|----|--------------|----|
| Major: | NO | Minor: | NO | Certificate: | NO |
|--------|----|--------|----|--------------|----|

Please see online published semester class schedule and undergraduate catalog for detailed course offering information.

How do you describe the course to students when they ask "What is this class about?" (Without using the catalog description)?

This is the lab class that accompanies CHM 116, and it provides hands-one lab exercises that help illustrate lecture topics. If you are enrolling in CHM 116, it is best to sign up for CHM 117 at the same time!

Beyond meeting a General Education requirement, what benefits can students realize from choosing this course?

The problem-solving skills developed in CHM 117 are applicable to other fields. You will gain an appreciation for scientific work and the challenges that come with it. Also, CHM 117 is a prerequisite for some courses required for other majors, so taking CHM 117 early on prepares the student to take those later courses.

Other than your major/minor/certificate students, what groups of students could find this course relevant to their degree program or career path?

The CHM 117 (along with other CHM courses) introduce knowledge and skills required for many other fields, ranging from physical, biological / biomedical, health, and agricultural sciences.

Catalog Description (Fall 2022 Undergraduate Catalog)

Emphasis on experiments and lab skills associated with the lecture material in CHM 116, such as chemical fundamentals and applications. Recommended for students needing only one semester of general chemistry lab. Cannot be counted towards a chemistry major or minor. Cannot be taken Pass/Not Pass.