Syllabus Fall 2023

CHEM 3325, Instrumental Analysis Laboratory, 1 Credit Hour

Meeting Time, Meeting Pattern, Location

Lab meets in W407 Discovery Hall.

Section B: Wednesdays 2:30pm - 6:30 pm.

Instructor Name, Contact Information, Office Hours

Giuseppe Petrucci E354 Innovation Hall

Tel: 656 0957

Email: Giuseppe.petrucci@uvm.edu

I will establish and announce office hours for the semester during the first week of classes. I will be available at other times as well (see me to make an appointment) and, of course, you are welcome to stop by my office at your convenience (but, if I am busy we will have to reschedule for another time). Also, I am available via email for your questions; I check my email regularly every day, so you should be able to get an email reply to a question within 12 hours of your posting it to me (barring any unforeseen technical difficulties!).

Teaching Assistant Name(s), Contact Information, Office Hours

Robert Tracy (W323 Discovery)

Pre requisites or co requisites

CHEM 221, Instrumental Analysis

Course Description

This lab tTj/TTj:/TTisystietnjstTujs/ntg3nsNesiPji/Ent3sStu(ideis) \$ j/Will 3gaTnnhag visconDexperior 31 liCHEMrequisitesCHEM with state of the art analytical instrumentation to analyze different samples.

Course Learning Objectives

This lab has been developed to provide students with hands on experience with modern methods of

UVM expects students, faculty, and staff to remain compliant with all COVID 19 recommendations and measures in place for UVM, the State of Vermont, and the City of Burlington.

Attendance and illness:

If a student will not be able to attend in person classes for qualifying health reasons, Student Health Services (SHS) will send a notification to the appropriate student services office or designated staff member informing them of this along with the dates the student is unable to attend. The SHS notification will specify whether the request for flexibility is only around in person class attendance or includes additional flexibility for assignments and tests because the student is too ill to participate. Students are reminded that labs cannot be made up.

Grading Criteria/Policies:

The final score for the course will be distributed as follows: 30% attendance, preparation and participation and 70% written experiment summaries. Since these are NOT simple, well established labs with standard report sheets, the evaluation for each lab will be flexible. There will be no lab final, and I will not be collecting lab notebooks regularly to see what you have recorded in them, but I will collect notebooks from select students during the semester. As part of the writing component of this class, students will prepare and hand in 2 3 page summaries of α -5%

Research and Citation Help

For help selecting research topics, finding information, citing sources, and more, ask a librarian. The UVM Libraries are eager to help. You may ask questions by phone, e mail, chat, or text, or make an appointment for an individual consultation with a librarian.

Howe Library: https://library.uvm.edu/askhowe

Dana Medical Library: https://dana.uvm.edu/help/ask

Silver Special Collections Library: https://specialcollections.uvm.edu/help/ask

Course Evaluation:

At the end of the semester, you will be expected to complete an evaluation of the courseEvaluations will be anonymous and confidential, and that the information gained, including constructive criticisms, will be used to improve the course.

The Chemistry department is using Blue for this class. Please follow this link to the UVM Knowledge Base page with student instructions on how to access Blue will

receive Letters of Accommodation with Disability Related Flexible accommodations will need to fill out the Disability Related Flexibility Agreement. Any questions from faculty or students on the agreement should be directed to the SAS specialist who is indicated on the letter.

Contact SAS:

A170 Living/Learning Center; 802 656 7753 access@uvm.edu www.uvm.edu/access

Important UVM Policies

Academic Integrity:

Promoting Health & Safety:

The University of Vermont's number one priority is to support a healthy and safe community:

Center for