

INSTRUMENTAL ANALYSIS LAB (CHEM 1255)

Laboratory Director: Dr. Michelle Ward
 Phone: 412-624-8064 Office: Room 107, Chevron Email: michelle.ward@pitt.edu

Instructor Name	Lab Section	Email
Dr. Niraja Kurapati	Monday 1 PM	nsk11@pitt.edu
Grace Murray	Monday 6 PM	murray.gv@pitt.edu
Dr. Niraja Kurapati	Wednesday 6 PM	nsk11@pitt.edu

Laboratory Schedule, Fall 2025

WEEK OF	GROUP 1	GROUP 2	GROUP 3	
8/25	Introduction to Course / Stocking Your Laboratory Toolbox Part 1 <i>(bring about me slide)</i>			
09/01	<i>No Labs Meet</i>			
09/08	Stocking Your Laboratory Toolbox Part 2			
09/15	UV-Vis <i>(intro/exp)</i>	HSGC-FID <i>(res/disc)</i>	CV <i>(intro)</i>	
09/22	CV <i>(intro)</i>	UV-Vis <i>(intro/exp)</i>	GC-MS <i>(intro/exp)</i>	
09/29	GC-FID <i>(res/disc)</i>	CV <i>(intro)</i>	UV-Vis <i>(intro/exp)</i>	
10/06	Elemental Analysis Presentations and Planning for Open Inquiry Projects Part I			
10/13	Planning for Open Inquiry Projects Part II			<i>*final approval and shopping lists due by 10/17</i>
10/20	HSGC-FID <i>(res/disc)</i>	GC-MS <i>(intro/exp)</i>	GC-FID <i>(res/disc)</i>	
10/27	GC-MS <i>(intro/exp)</i>	GC-FID <i>(res/disc)</i>	HSGC-FID <i>(res/disc)</i>	
11/03	Open Inquiry Experimentation			
11/10	Open Inquiry Experimentation			
11/17	Open Inquiry Experimentation			
12/01	Open Inquiry Presentations Open Inquiry Full Reports due 48 hours after presentation			

* Note: All assignments are due via electronic submission via Canvas and Gradescope **1 week after you have your data**. No late work will be accepted without extenuating circumstances. All reports will be written and turned in as individuals.

* Class materials will be available via Canvas. Be sure to have your notifications set properly for our Canvas page, especially related to Announcements.

* Any change in mode of instruction, or other course adjustments, will be posted on Canvas .

* See the Laboratory Director with any issues.

Disabilities

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Resources and Services, 216 William Pitt Union, 412-648-7890/412-383-7355 (TTY), as early as possible in the term. Disability Resources and Services will verify your disability and determine reasonable accommodations for this course.

Academic Integrity

The use of AI is not permitted for writing in this course. Uploading or downloading files to sites like coursehero (and others) is considered an academic integrity violation by the University and will be reported to the Dean's office. Although you work closely with partners within the laboratory, all work must be entirely individual when turned in. All students are expected to follow the University of Pittsburgh academic integrity guidelines. Violations of the guidelines may result in a ZERO score for a laboratory report or a failing grade for the course. A copy of the guidelines may be obtained from the Arts and Sciences Dean's Office or on the web at www.as.pitt.edu/faculty/policy/integrity.html.

All laboratory reports **must** have the following statement on the title page and include your electronic signature afterwards:

"I submit this laboratory report as an original document. I assert that all ideas and discussion of data contained herein is my own work, unless otherwise referenced."

Sexual Misconduct, Required Reporting, and Title IX

Pitt is committed to maintaining an environment free from unlawful harassment and discrimination.

The University is committed to combatting sexual misconduct. As a result, you should know that University faculty and staff members are required to report any instances of sexual misconduct, including harassment and sexual violence, to the University's Title IX office so that the victim may be provided appropriate resources and support options. What this means is that as your professor and TAs, we are required to report any incidents of sexual misconduct or harassment that are directly reported to us, or of which we are somehow made aware.

A list of the designated University employees who, as counselors and medical professionals, do not have this reporting responsibility and can maintain confidentiality, can be found here:

<https://www.titleix.pitt.edu/civil-rights-title-ix/make-report>

If you are the victim of sexual misconduct, Pitt encourages you to reach out to these resources:

- Title IX Office: 412-648-7860
- SHARE @ the University Counseling Center: 412-648-7930 (8:30 A.M. TO 5 P.M. M-F) and 412-648-7856 (AFTER BUSINESS HOURS)

If you have a safety concern, please contact the University of Pittsburgh Police, 412-624-2121.

The Office of Civil Rights and Title IX is here to assist in responding to and addressing reports of harassment and discriminations. Other reporting information and resources can be found here:

<https://www.titleix.pitt.edu/civil-rights-title-ix-compliance>

We encourage you to report bias incidents affecting University community members. Examples of bias incidents include but are not limited to harassment and/or discrimination, hate crimes, accessibility barriers (including digital/technology barriers), sexual misconduct (sexual harassment, stalking, relationship/sexual violence), and retaliation.

Grading Structure

30%	Long Report Sections
20%	Experimental Worksheets
10%	Mini Prelab Presentations
25%	Open Inquiry Project (including experimentation, presentation, full report)
15%	Proper Lab Technique, Safety, and Participation (including WW, notebook pages, quizzes)

The overall course grade will be assigned as follows:

A+	96-100%	C+	76-79%
A	93-95%	C	73-75%
A-	90-92%	C-	70-72%
B+	86-89%	D+	66-69%
B	83-85%	D	63-65%
B-	80-82%	D-	60-62%