CHEM 375 **Specialized Topics in Chemistry** **Fall 2026**

Instructor: Dr. Sundeep Rayat

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Office Hours: MW 2 – 3pm; T 12:30pm – 1:30pm

Course Objectives: This course is an independent study course for students who are helping the chemistry department as in class TA's or lab TA's. In addition, it can be used as a Chem 200 or 300 level elective or special course as needed in the Chemistry department.

Attendance: You are expected to engage in the activities specified by your instructor or supervisor for the agreed upon number of hours per week.

Course Grading:

The grading for TA's will be based on this rubric to be completed by the supervisor. Grading and expectations for other students in Chem 375 will be agreed upon by the student and the instructor at the beginning of the semester.

	Meets/exceeds expectations (3 points)	**Needs improvement (2)**	**Unsatisfactory (1)**
In class TA's	Attends all class sessions	Attends most class sessions	Attends some class sessions
	Arrives well prepared to class	Arrives prepared most of the time	Arrives unprepared too often
	Has positive outcomes with students and treats students with respect	Mostly has positive outcomes with students and treats students with respect	Is confrontational or not respectful with students
	Explains course content correctly	Mostly explains course content correctly	Makes errors when explaining course content
	Holds regular office hours	Occasionally misses a scheduled office hour session	Often misses scheduled office hour session
	Attends TA meetings	Occasionally misses a TA meeting	Often misses a TA meeting
Out of class TA's	Grades consistently and accurately	Has some issues with grading consistently and accurately	Has many issues with grading consistently and accurately
	Grades in a timely manner	Grading is sometimes late or behind schedule	Grading is often late or behind schedule
	Meets with faculty as needed/directed	Occasionally misses a meeting	Often misses a meeting
	Prepares review sessions as directed	Sometimes Prepares review sessions as directed	Does not prepare requested review sessions
	Holds regular office hours	Occasionally misses a scheduled office hour session	Often misses scheduled office hour session
	Other tasks as assigned		

Final grades can be awarded based on how many points were lost out of the total possible. For example, in this rubric, the in-class TA could earn up to 18 points. Thus, a score of 15 would be a B final grade, and a score of 12 would be a C final grade.

Grades:
A = >85% of total points
B = 70-85% of total points
C = <70% of total points

Suggested workload:
1 credit is ~ 45-75 hours per semester.
2 credits are ~ 90 or more hours per semester.

University Statement
We are committed to ensuring that all members of the community are welcome, through valuing the various experiences and worldviews represented at Ball State and among those we serve. We promote a culture of respect and civil discourse. If you need course adaptations or accommodations because of a disability, please contact the instructor of record as soon as possible. Ball State's Disability Services Office coordinates services for students with disabilities; documentation of a disability needs to be on file in that office before any accommodations can be provided. Disability Services can be contacted at 765-285-5293 or dsd@bsu.edu.

Freedom of Expression
In this course, we are committed to fostering a learning environment that values intellectual diversity, encourages free expression, and promotes open inquiry. As members of the Ball State Community, we treat each person in the Ball State community with civility, courtesy, compassion, and dignity and respect and learn from differences in people, ideas, and opinions. Please review Ball State University's Statement on Freedom of Expression, the resources on Ball State's Freedom of Expression webpage, and Ball State's Beneficence Pledge.