

# Chemistry 6975: Introduction to Teaching Chemistry

**F 9:00-9:50 am WB 6029**

**Instructor:** Professor Douglas T Genna  
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**Office Hours:** TBD  
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*“Asking a question may lead to a temporary embarrassment, but not asking the question will lead to a permanent embarrassment”*

## **General**

### **Textbooks**

There are no required books for this class

### **Learning Outcomes:**

To learn the basics of interacting with students in a teaching environment and to get you comfortable teaching and speaking in front of the classroom.

### **Grades: Class is out of 200 points**

Teaching Journal (100 points)  
5 min Chalk Talk (25 points)  
20 min Presentation (50 points)  
Participation (25 points)

### **Teaching Journal:**

Each week (due Thursday at 5pm), starting on 9/16/2021 you will submit a paragraph on your teaching experience of the week. Things to include could be: the type of lab you taught, did you have difficulty answering questions, was a student being particularly disruptive, how did you handle a particular situation that you weren't expecting?

You won't be graded on your in-lab response to these circumstances. So be honest, if you felt like you didn't do a particular good job in a situation then say so or if you did a great job and want to tell me about it do that as well.

There will be a total of 10 entries throughout the semester each worth 10 points.

### **5 min chalk talk**

You will be tasked with presenting a 5-minute “chalk talk” style lecture to the class on a science issue that is either relevant to where you are from or one that is important to you. You should be able to tell the class what the issue is, why it’s important, and the very basic science behind it.

### **20 min presentation**

You will transform your 5-minute presentation into a full 20-minute power-point presentation to be given to the class. This should be a ‘general audience’ style talk. You can assume some basic knowledge of science, but don’t be afraid to explain the fundamental concepts.

### **Statement of Non-Discrimination from the University:**

Youngstown State University does not discriminate on the basis of race, color, national origin, sex, sexual orientation, gender identity and/or expression, disability, age, religion or veteran/military status in its programs or activities. Please visit the Equal Opportunity and Policy Development & Title IX website for contact information for persons designated to handle questions about this policy.

### **Student Accessibility**

In accordance with University procedures, if you have a documented disability and require accommodations to obtain equal access in this course; please contact me privately to discuss your specific needs. To coordinate reasonable accommodations, you must be registered with the Accessibility Services, located in Kilcawley Center Room 2082. You can reach Accessibility Services at 330-941-1372

### **Academic Integrity/Honesty**

As outlined in The Student Code of Conduct, all forms of academic dishonesty are prohibited at Youngstown State. This includes plagiarism, the unauthorized use of tools or notes in taking tests or completing assignments, fabrication of data or information used for an assignment, working with others without permission from the instructor, and more. A student who is believed to have violated the academic integrity policy will meet with the instructor to discuss the allegations. The student may accept responsibility for the violation and any sanctions selected by the instructor, or they have the right to ask for a hearing before a hearing panel. The full Academic Integrity Policy can be found in Article III of The Student Code of Conduct, while further information on University procedures for alleged academic integrity violations can be found in Article V.

If you are caught cheating, **you will at least be given an F grade on that particular assignment and perhaps for the entire course. Do not jeopardize your future by cheating.**

### **Incomplete Grade Policy**

An incomplete grade of “I” may be given to a student who has been doing satisfactory work in a course, but, for reasons beyond the control of the student and deemed justifiable by the instructor, has not completed all requirements for a course when grades were submitted. A letter grade MAY NOT be changed to an “I” (Incomplete) after the term has ended and grades have been recorded. For Fall Term courses, the final date to complete an “I” will be March 1 of the following term; for Spring Term courses, September 1; for

Summer Term courses, October 1. These dates can only be extended with the approval of the instructor and the Dean of the College where the course is taught. Forms for extension of the deadline may be obtained and after obtaining the proper signatures, this form must be submitted to the University Records office 24 hours before the original deadline (i.e. for Fall Term courses, March 1 of the following term).

### **Classroom Safety and Health Protocols (COVID-19)**

Youngstown State University has been and will continue to implement evidence-based protocols to monitor and suppress coronavirus in accordance with public health guidelines. YSU will work directly with local public health officials to determine what guidelines are appropriate to implement within the context of our local community and will update protocols as needed. Faculty and students are expected to abide by all safety and health policies implemented by the University's Office of Environmental Occupational Health and Safety as well as all applicable local, state, and federal mandates. YSU recommends that all faculty and students become fully vaccinated. Everyone must continue to perform a daily health assessment and report COVID through the reporting form to YSU COVID Support Staff. The following COVID-19 protocols must be considered during the current coronavirus pandemic for Fall 2021 instruction.

### **GENERAL CLASSROOM GUIDELINES**

All individuals, regardless of vaccination status are required to wear face coverings in indoor public settings on campus

Individuals on campus are encouraged to physically distance according to their personal needs

Disinfecting wipes/sprays will be provided in classrooms that are used for face-to-face course instruction

Faculty and students should wipe down their work areas at the beginning and end of each class

Any concerns/issues should be communicated immediately to EOHS

### **INSTRUCTOR SAFETY PROCEDURES**

Faculty must use assigned seating in their classrooms to help contact tracing if a fellow classmate were to be exposed to COVID-19

Daily attendance must be performed to determine which students are present for the class to help contact tracing fellow classmates

Faculty should use hand sanitizer before and after touching computers or other shared classroom items.

Faculty using classroom technology such as computers should sanitize the keyboard, mouse etc. prior to use

### **STUDENT SAFETY PROCEDURES**

Students must always follow the YSU Safety and Health Guidelines while on campus and attending class

Students should wash their hands frequently in between classes and use hand sanitizer as needed

If you must cough or sneeze, be sure to cover your mouth even with a mask on, using your arm at the elbow joint

Given the uncertainties surrounding the ongoing coronavirus pandemic, these protocols are subject to change based on state and federal health guidelines. Changes will be communicated promptly through the usual communications channels. Please visit the University Coronavirus Information page for more information.

Date	Topic
8/25	TA'ing 101
9/3	Working with students
9/10	Grading, intro to 5 min chalk talk assignment
9/17	Meeting to discuss first few weeks
9/24	5 min presentations day 1
10/1	5 min presentations day 2
10/8	Writing slides
10/15	No class
10/22	No class
10/29	No class
11/5	20 min presentations day 1
11/12	20 min presentations day 2
11/19	20 min presentations day 3
11/26	No Class Thanksgiving Holiday
12/3	20 min presentations day 4
12/10	20 min presentations day 5