



N331: Intermediate Inorganic Chemistry Lecture

Welcome to N331 and using the rest of the periodic table! We are so excited to get the semester started and begin introducing you to the rest of the periodic table! This semester will look a bit different due to the instructor-switch midway through, but we will do our best to make it the smoothest transition possible. *Together, we are a community of learners*- that means you will *hopefully* be learning from us, but also that we will be learning from each of you along the way! Our teaching team promises to do our best to help each of you succeed in this course to the level you are willing to work. Take some time to think about what success in this class means to you- is it building problem-solving and critical thinking skills you can take past this semester, a specific course grade, or even a personal best on a chemistry exam? You all belong here, but each have goals that are unique as you are! Our job is to provide the resources *you* need to meet *your* goals!

Cheers,
Profs. Porter

Teaching Team Contact Information

Instructors Prof. Meghan Porter (first 8 weeks)
Chemistry A271
mmulcron@iu.edu

Teaching Team: Check back soon on our Canvas page for a full list of our fantastic teaching team!

Learning Objectives

At the end of the course, students will demonstrate the ability to:

- *Clearly communicate reasoning for a scientific argument*
- *Reflect on effectiveness of course preparation methods*
- *Work collaboratively in small groups to articulate a thought process for a given problem Summarize the fundamental atomic structure and its relationship to periodic properties*
- *Visualize chemical systems using three-dimensional representations*
- *Explain chemical bonding using molecular orbital and crystal/ligand field theories*
- *Analyze the spontaneity of a chemical reaction*
- *Examine how metal oxidation state, complex geometry, and ligand identity influence chemical behavior*
- *Solve multi-part problems requiring application of inorganic, organic, and general chemistry concepts*
- *Understand how course topics relate to current research*

Open House Hours

During the first week of class, Prof. Porter will have an hour set aside each day (Tues–Fri) for open house hours. These will be posted on Canvas and provide the opportunity for you to stop in, introduce yourself, and chat about anything that interests you. Feel free to just swing by or to sit and stay awhile (there will be snacks!). The only rule is we will not be discussing course content as the idea of these hours is a chance for us to get to know each other—we have study sessions reserved for content-related questions.

Weekly Study Sessions

Each week, we offer multiple study sessions to help answer questions, discuss concepts for in-depth understanding, or even just give you a scheduled time to work on practice problems—how you use them is up to you! **A list of all sessions is found on our Canvas home page.** Study sessions are offered as a mix of in-person and Zoom options. Zoom sessions are accessed via our Zoom channel (meeting ID: 915 3120 7223; password 803107) or via this link:

<https://iu.zoom.us/j/91531207223?pwd=UzVNBGZyd0Zjb1orZDE3R1c1cWIEUT09>.

Expectations for Our Classroom Environment

Community Expectations: *All students are welcomed and encouraged to actively participate in the learning of chemistry, regardless of race, gender, social class, religious beliefs, previous academic experience, etc...* One thing to always keep in mind when taking a course is that everyone you interact throughout the semester - including the teaching team - are human beings and deserve to be treated with respect. All community members deserve to feel safe and valued *at all times*. Even in scientific conversation, personal opinions may play a role in class dialogues. Please remember that understanding the material does not mean you have to embrace all viewpoints represented. Students deserve to be addressed using the names and pronouns that they prefer and have explicitly stated. If you have a preferred name that differs from the name that appears on our class roster, please consider adding your preferred name in Canvas by visiting one.iu.edu/task/iu/change-my-name. As part of the IU community, we wish to acknowledge and honor the Miami, Delaware, Potawatomi, and Shawnee people, on whose ancestral homelands and resources Indiana University was built. The goals of this course can only be accomplished in a setting of mutual respect. During our first meeting, we will work together to create a community contract that lays out our expectations for one another.

Communication Expectations: This term we will be using InScribe (Q&A community) for all class discussion and Q&A. This system is designed to get you the help and/or answers you seek as fast and efficiently as possible from your classmates and the teaching team. Rather than emailing questions to the teaching team, you will be expected to post your questions to this community first. The teaching team will wait for your classmates to offer their suggestions before answering.

Email should only be used if you have a personal matter that involves FERPA-protected information or a quiz regrade request. Please remember we are in scheduled classes or appointments most of the day— we will aim to reply to all messages within 24 h.

1. Properly address the email recipient. Most of the instructors that you encounter in college should be addressed as “Professor” or “Dr.”, unless they instruct you otherwise. It is typically appropriate to address AIs by their first names, but the AI will instruct you as to how they want to be addressed on the first day.
2. Email provides a permanent document of a communication between two people. Therefore, be sure that your emails are polite, professional, and well prepared using complete words and sentences before you send them. You should not feel comfortable saying anything in email that you would not say verbally to the recipient.

Technology Expectations

Although this course will be meeting in-person, course resources and information will be provided via Canvas. Additionally, all quizzes and retake opportunities will take place via Canvas, while some study sessions will be offered via

Zoom. **Thus, you will need a computer with reliable internet access, a microphone, and (preferably) a working webcam.** You must use your zoom.iu.edu account to access online study sessions as only iu authenticated users will have access. Zoom virtual backgrounds are allowed as long as they are not distracting and do not violate our community expectations for a safe and respectful environment. If you have unmet technology needs, please discuss with me at your earliest convenience. If you are worried about a reliable internet connection, the academic buildings have computer labs open for use.

Content Expectations: This class relies on your knowledge of the foundations learned in both general and organic chemistry pre-requisite courses. If you do not remember something from a previous course, make note of it and look it up or ask for help; *do not simply let it go*. We are happy to review material if needed during study sessions- just let us know! A series of review assessments will help you gauge your memory and understanding of the main pieces of information we will rely on.

How We Will Learn in this Course

Although this is a large course, the teaching team has done our best to structure it in a way that will allow each of you to access content, practice, and receive support to achieve your goals for N331. Each week, you will attend a discussion session where you will work in small groups on activities designed to strengthen your skills and increase your comfort with the material. These activities will closely resemble the cumulative style of exams. During class, we will use a combination of lecture, practice problems, and flipped classrooms. The flipped classrooms will be used to highlight material and challenge your understanding while having the support of the teaching team readily available.

Each topic will have practice problems provided for your benefit, but these are not collected nor graded. At this point in your college career, you are expected to work through problems, seek help when needed, and determine for yourself what you do and do not know.

The course information is divided into Modules. As there is a lot of information provided on Canvas, *we suggest minimizing modules and accessing everything through the weekly information module*. The modules are as follows:

1. Weekly Information

Each week has a to-do list provided for that week and links to any lecture notes, practice problems, resources, and assignments. **All information, resources, and assignments needed for each week can be accessed via the links in these pages.**

2. Topic Resources

Each topic has a dedicated page including lecture notes and practice problem, keys, resources, and associated quiz. Separate topic pages are included for each of the review assessments.

3. Quizzes and Exams

This contains all topic quizzes and retake opportunities, along with previous cumulative challenges for practice

4. Additional Assessments

This module includes all additional assessments, surveys, You-Teach assignments, etc...

5. Extra Credit Opportunities

Here you can find all the information for any extra credit opportunities provided throughout the semester

Required Course Materials

- Scientific calculator
 - A graphing calculator may be used, but is not required for this course
- Access to [Top Hat for submitting in-class responses](#)
 - Top Hat mobile app (smartphone or tablet)

- iOS app or Android app
- Top Hat web app
 - Mobile web app: Android native browser, Android Firefox, Android Chrome, or iOS Safari
 - Laptop: Firefox, Chrome, Safari, or Edge
- *Do not use Internet Explorer* (Internet Explorer is no longer a supported browser by Microsoft 365 services)
- Access to technology tools
 - Canvas, Zoom (webcam and microphone), and Microsoft OneDrive
 - Kaltura, PlayPosit, and InScribe are all accessed through Canvas
 - **Ability to scan or take pictures of your work, then upload that file as a single pdf.** There are free scanning apps (genius scan, cam scanner, adobe, etc...) that will generate multi-page pdfs. It is recommended you download one of these apps that turn the picture into a pdf on your phone, rather than emailing the photo to your computer and then turning it into a pdf.

Course Assessments

Review Assessments

The pre-requisites courses required for N331 are selected due to the covered content being essential for success. We must be able to depend on students being able to use that information. Although we understand that students often take semesters off from chemistry between courses, this does not change the fact that understanding pre-requisite content is *your* responsibility. However, we want to help you assess your current understanding of this content through five review assessments. **All the**

assessments will be available at the start of the semester and can be taken on your own time, but each must be completed by the stated due date. You will have three chances to complete each quiz and must score a 90% on a quiz to count as “complete”.

Number of “Complete” Review Assessments	Points Earned
5	25
4	20
3	15
2	10
1	5
0	0

Topic Quizzes

Roughly once per topic you will have an open note (**not open internet/classmate**) quiz on that topic. Quizzes will be on Canvas and consist of randomized auto-graded and long answer question types. Except for the final quiz, you will have the opportunity to retake quizzes to improve your score. We cannot accommodate individual schedules of ~160 students; **there will be no make-up quizzes outside of the scheduled quiz and retake opportunities.** Instances of cheating may result in narrower time windows, locking questions after each answer, and only being able to see one question at a time for all students.

You must take the initial quiz with your best effort in order to “earn” a retake opportunity (i.e. if you “take” the quiz, but do not complete the questions to the best of your ability, you will not be provided a retake option). Your final score will be recorded as the higher of the two opportunities.

The following will be considered academic misconduct:

- Discussing the quiz and/or retake with another N331 student before the deadline for the quiz/retake closes, even if you both have already completed it.
- Posting a question about the quiz material on InScribe during the open quiz/retake window or posting a specific quiz question after the initial quiz is complete, but before the retake has finished.
- Showing your initial quiz to a friend prior to the retake window closing the next week.

Cumulative Exams

Throughout the semester, there will be two in-semester cumulative exams, with a final cumulative exam on Monday of finals week. The questions will require you to synthesize your knowledge from all topics we have discussed prior to that point. **If you miss an exam for an excused reason, you will make up the exam during Care Week as shown in the course schedule (December 6th, 7:15-9:15 pm), regardless of the exam missed.** You must take the final exam to complete the course. If your score on the final exam is higher than your lowest in-semester exam, we will automatically replace the lowest score with the one from your final challenge.

Pre-Class Video Questions

There will be four topics (Molecular Orbital Theory, Crystal/Ligand Field Theory, Spectroscopy, and Organometallics Part 2) that will require you to watch videos prior to attending class. These will have embedded questions you will need to answer while watching. You will have two attempts to complete these questions and your highest score from each set will be recorded.

Your final score is determined by the percentage of these

questions you answer correctly throughout the semester. If we cannot meet in-person for any reason, lecture content will be delivered via videos with embedded quiz questions and will be counted in this category.

Percent Questions Correct	Points Earned
≤ 90	12
≤ 80	10
≤ 70	8
≤ 60	6
≤ 50	4
≤ 40	0

“You Teach” Activities and Peer Review

This semester, you will create two activities designed to assist future N331 students. These offer an alternative approach for us to assess your understanding of course content. Activity details will be posted on Canvas.

Exam Reflections

Part of the learning process includes taking the time to reflect on your learning journey. Throughout the semester, you will complete three self-reflection activities that are designed to help you take a realistic look at how you are preparing for the course and whether your preparation methods are helping you succeed. Details and due dates for these reflections are found on Canvas.

Extra Credit Opportunities

Throughout the semester, you have the option to complete tasks designed to help your learning of the material and encourage course participation. Details of these activities can be found on Canvas.

- ACS Foundations of Inorganic Chemistry Exam (worth up to 3 points)
 - Administered during the last week of class
 - **Attendance is required to participate in this opportunity**
 - Additional points will be added to your lowest in-semester exam score once grade replacements are complete
 - Points are earned as a percentage of your score on the exam
- Class and discussion attendance (worth up to 3 points)
 - **Attendance points are not included for the automatic grade replacement score**
 - Points are earned as a percentage of discussion and lecture period attendance

Assessment Breakdown

Approximately 39% of your grade is determined from your mastery of course fundamentals, 39% by your ability to apply knowledge to novel situations, 12% from alternative assessment styles, and 10% by your willingness to engage in the course.

Grade cut-offs can be expected as the following. However, as the instructors, we have the right the lower the grade cut-offs if appropriate. Grades are not scaled in this course and your course grade will be rounded to a tenth of a point (i.e. an 89.9 *will not be rounded* to a 90.0).

A-range		B-range		C-range		D-range		F-range	
A	100 – 94.0	B+	89.9 – 87.0	C+	79.9 – 77.0	D+	69.9 – 67.0	F	≤ 59.9
A-	93.9 – 90.0	B	86.9 – 84.0	C	76.9 – 74.0	D	66.9 – 64.0		
		B-	83.9 – 80.0	C-	73.9 – 70.0	D-	63.9 – 60.0		

Mastery of Course Fundamentals	39% total
Review assessments (5 total)	3%
Topic quizzes	36%
Application of Knowledge	39% total
In-semester cumulative exams (2 total)	26%
Final cumulative exam	13%
Alternative Assessment Styles	12% total
You-Teach! Assessment 1	4%
You-Teach! Assessment 2	6%
Peer-review	2%
Willingness to Engage in the Course	10% total
Pre-class video questions	4%
Exam reflections	3%
Survey completion	3%
Total	100%

Regrade Policy

Not looking at your scores/feedback is not an excuse for a delay in asking for a regrade. **If you do not submit your request during the required window, you forfeit the right for a regrade whether you are right or wrong.** Remember, we grade based on what is written on the page, not the intended meaning behind it. The entire assignment will be subjected to re-evaluation strictly based on the key when it is submitted for a grade correction. This means you may gain points on questions you should have received additional credit for and lose points on questions where the grader was nice and gave you the benefit of the doubt with points for an answer that was not entirely correct.

Quizzes: Regrade requests for quizzes must be made **within 72 h after grades have been released and keys made available for the retake opportunity.** This means that, even if you request a regrade on the original quiz, you may wait until after the keys are made available from the regrade to make your request. Requests may be made by emailing the instructor with why you are requesting a regrade.

Exams: Exams will be returned in discussion the Thursday following each exam. Regrade requests are **due to your AI by the end of class the following Monday.** Not attending your discussion to receive your exam is not reason for an extension. If you do not attend discussion, it is your responsibility to arrange a time with your AI to receive your exam.

Late Work Policy

For all assignments excluding quiz, quiz retakes, and cumulative exams, we adhere to a "**24 h we don't care**" policy. This means that, *regardless of the reason*, as long as you turn in an assignment within 24 h of the due date, there is no late penalty assessed on your work. As long as you submit the assignment within 24 h, *do not email the instructor or your AI*

letting us know that it will be late. After 24 h, a 10% per day late penalty will be assessed on all assignments. If you have a long term issue, it is your responsibility to contact the instructor right away so we can determine how to best support your needs.

However, please keep in mind that due dates are chosen for a reason. Consistently completing assignments after the scheduled due date will impact your ability to keep pace with the material and get the most out of class meetings.

Integrity

As a student at IU, you are expected to adhere to the standards contained in the [Code of Student Rights, Responsibilities, and Conduct](#) (the *Code*). Academic misconduct is defined as any activity that tends to undermine the academic integrity of the institution. Academic integrity violations include: cheating, fabrication, plagiarism, interference, violation of course rules, and facilitating academic dishonesty. When you submit an assignment with your name on it, you are signifying that the work contained therein is yours, unless otherwise cited or referenced. Any ideas or materials taken from another source must be fully acknowledged. Students should not share their work with any other students. **If plagiarism or other cheating occurs, both students involved will be considered responsible even if the student sharing their work was unaware that academic misconduct would occur or had occurred.** Ignorance of what constitutes academic misconduct or plagiarism is not a valid excuse. In addition, posting questions from quizzes/exams or assignments or downloading answers from online sources is considered academic misconduct. All suspected violations of the *Code* will be reported to the Dean of Students (Office of Student Conduct) and handled according to University policies. Sanctions for academic misconduct in this course may include a failing grade on the assignment, a reduction in your final course grade, or a failing grade in the course, among other possibilities. If you are unsure about the expectations for completing an assignment or taking a test or exam, be sure to seek clarification from us in advance.

Course Materials: The instructor teaching this course holds the exclusive right to distribute, modify, post, and reproduce course materials, including all written materials, study guides, lectures, assignments, exercises, and exams. Some of the course content may be downloadable, but you should not distribute, post, or alter the instructor's intellectual property. [While you are permitted to take notes on the online materials and lectures posted for this course for your personal use, you are not permitted to re-post in another forum, distribute, or reproduce content from this course without the express written permission of the instructor.](#)

Note Selling: Various commercial services have approached students regarding selling class notes/study guides to their classmates. Selling the instructor's notes/study guides or uploading course assignments to these sites in exchange for access to materials for other courses is not permitted. Violations of this policy will be reported to the Dean of Students (Office of Student Conduct) as academic misconduct (violation of course rules). [Sanctions for academic misconduct for this action may include a failing grade on the assignment for which the notes/study guides or assignments are being uploaded, a reduction in your final course grade, or a failing grade in the course, among other possibilities.](#) Additionally, you should know that selling a faculty member's notes/study guides individually or on behalf of one of these services using IU email, or via Canvas may also constitute a violation of IU information technology and IU intellectual property policies; additional consequences may result.

GroupMe and Social Media: Please note that you may receive emails from other students about joining GroupMe for individual classes via Canvas. Even though invitations to join the group may be issued through Canvas, they do not imply the endorsement of the course instructor. While GroupMe can be an effective tool for keeping in touch with classmates and clarifying information related to the course, it can also be source of unauthorized information sharing or collaboration among students. Collaborative efforts on assignments, quizzes and exams, including sharing or discussing answers when the instructor has not expressly authorized collaboration is considered cheating. [If academic dishonesty occurs via](#)

[GroupMe](#) or other social media app, everyone involved in the thread may be found responsible for academic misconduct since membership in the group suggests that they have been able to view the information shared.

Campus Resources (See “Where to Turn” on Canvas for Additional Resources)

Equity and Access for Students with Disabilities: First and foremost, please know that I invite you to discuss your learning needs with me, regardless of your status with DSS. Indiana University is dedicated to ensuring that students with disabilities (e.g., chronic health, neurodevelopmental, neurological, sensory, psychological & emotional, including mental health, etc.) have the support services and reasonable accommodations needed to provide equal access to academic programs. To request an accommodation, you must establish your eligibility by working with Disability Services for Students (iubdss@indiana.edu or 812-855-7578). Additional information can be found at accessibility.iu.edu. Note that services are confidential, may take time to put into place, and are not retroactive; captions and alternate media for print materials may take three or more weeks to get produced. Please contact your campus office as soon as possible if accommodations are needed.

Bias-Based Incident Reporting: Bias-based incident reports can be made by students, faculty and staff. Any act of discrimination or harassment based on race, ethnicity, religious affiliation, gender, gender identity, sexual orientation or disability can be reported through any of the options: 1) fill out an online report at <https://reportincident.iu.edu/>; 2) email biasincident@indiana.edu ; 3) call the Dean of Students Office at (812) 855-8187. Reports can be made anonymously at <https://reportincident.iu.edu>.

Sexual Misconduct and Title IX: As your instructor, one of my responsibilities is to create a positive learning environment for all students. IU policy prohibits sexual misconduct in any form, including sexual harassment, sexual assault, stalking, sexual exploitation, and dating and domestic violence. If you have experienced sexual misconduct, or know someone who has, the University can help. If you are seeking help and would like to speak confidentially, you can make an appointment with the IU Sexual Assault Crisis Services at (812) 855-5711 or a Confidential Victim Advocate at (812) 856-2469 or cva@indiana.edu.

It is also important that you know that University policy requires us to share certain information brought to our attention about potential sexual misconduct with the campus Deputy Sexual Misconduct & Title IX Coordinator or the University Sexual Misconduct & Title IX Coordinator. In that event, those individuals will work to ensure that appropriate measures are taken and resources are made available. Protecting student privacy is of utmost concern, and information will only be shared with those that need to know to ensure the University can respond and assist. We encourage you to visit <http://stopsexualviolence.iu.edu/index.html> to learn more.

Counseling Services and Emotional Wellbeing: If you find that life stressors are interfering with your academic or personal success, you are encouraged to contact [CAPS](#) as early in the semester as possible. CAPS services can help with issues that range from coping with life's transitions to dealing with more serious emotional problems. All fulltime students are eligible for personal and confidential short-term counseling services and receive two-free CAPS sessions each semester. [Group counseling](#) is available for issues such as anxiety and dissertation support.

CAPS is located in the IU Student Health Center, at 600 N. Jordan Avenue. The Student Health Center is generally open from 8:00 am–12:00 pm and 1:00 pm–4:30 pm (Monday – Friday), but can vary slightly each semester. The best way to request services is by calling 812-855-5711. After hours, the crisis line is available to students 24/7 by calling 812-855-5711 (option 1). For more information, visit the CAPS website: <https://healthcenter.indiana.edu/counseling/index.html>

Additional Financial or Other Assistance: The Student Advocates Office can help students work through personal and academic problems as well as financial difficulties and concerns. SAO also assists students working through grade appeals

and withdrawals from all classes. There are emergency funds for IU students experiencing emergency financial crisis: <https://studentaffairs.indiana.edu/student-advocates/>.

Food Security: If at any point during the semester you are struggling with access to food, the Crimson Cupboard offers free food to any student who cannot afford it. The Crimson Cupboard operates on the honor system and will never ask for financial information. You can visit the pantry once per week. You can contact the pantry at 812-855-1924 or via email at cupboard@indiana.edu. The hours vary throughout the semester, so please visit their website for the most up-to-date hours: <https://studentaffairs.indiana.edu/student-support/crimson-cupboard/index.html>

Tentative Course Schedule

Please keep in mind that the instructor reserves the right to adjust course schedule if presented with extenuating circumstances. These changes will be decided by mutual agreement with the class and/or to improve student learning.

Topics written in **bold** will be taught in a flipped classroom format and will include video assignments to be completed prior to class. All quizzes will be given through Canvas and will be available on Wednesdays. All "Fundamental" quizzes will be available at the start of the semester and must be completed by the specified due date.

Week	Lecture Content	Assessments Due
Pre-Course	Getting Started in N331	<i>None due, but multiple open to complete if you would like (see week 1)</i>
1 (8/22-8/27)	Welcome to N331 Topic 1: Atomic and Molecular Structure	Help Us Know You! Survey Participant Notice Completion Course Policies (Review Assessment 1) Review Assessment 2
2 (8/28-9/3)	Topic 1: Atomic and Molecular Structure Topic 2: Bonding Theory	Motivation Survey Review Assessment 3
3 (9/4-9/10)	<i>Monday: No Class for Labor Day</i> Topic 2: Bonding Theory	Quiz: Atomic and Molecular Structure Review Assessment 4
4 (9/11-9/17)	Topic 3: Redox Chemistry	Quiz: Bonding Theory Retake: Atomic and Molecular Structure
5 (9/18-9/24)	Topic 3: Redox Chemistry Topic 4: Structure and Bonding	Review Assessment 5 Retake: Bonding Theory
6 (9/25-10/1)	Topic 4: Structure and Bonding Topic 5: Crystal/Ligand Field Theory	Quiz: Redox Chemistry
7 (10/2-10/8)	Topic 5: Crystal/Ligand Field Theory	Quiz: Structure and Bonding Retake: Redox Chemistry
8 (10/9-10/15)	<i>Friday: No Class for Fall Break</i> Topic 5: Crystal/Ligand Field Theory Topic 6: Spectroscopy	Tuesday: Cumulative Exam 1 (7:15-9:15)
9 (10/16-10/22)	Topic 7: Mechanisms	Quiz: CFT/LFT and Spectroscopy Retake: Structure and Bonding
10 (10/23-10/29)	Topic 7: Mechanisms Topic 8: Organometallics Part 1	Quiz: Mechanisms Retake: CFT/LFT and Spectroscopy
11 (10/30-11/5)	Topic 8: Organometallics Part 1 Topic 9: Organometallics Part 2	Retake: Mechanisms
12 (11/6-11/12)	Topic 9: Organometallics Part 2	Quiz: Organometallics You Teach! Activity 2

13 (11/13-11/19)	Topic 10: Nuclear Chemistry	Tuesday: Cumulative Exam 2 (7:15-9:15)
Break (11/20-11/26)	<i>No Classes for Thanksgiving Break</i>	<i>Absolutely Nothing!</i>
14 (11/27-12/3)	Topic 11: Solid State Chemistry	Quiz: Nuclear Chemistry Motivation Survey You Teach! Activity 2 Revision (Optional)
15 (12/4-12/10)	<i>Friday: Last Day for Auto W Withdrawal</i> Review Week: ACS Foundations Exam	Tuesday: Make-Up Exam (7:15-9:15) Quiz: Solid State Chemistry (NO RETAKE) Retake: Nuclear Chemistry
Finals Week	Monday, Dec. 12th (12:40 – 2:40 pm)	Self-Efficacy Survey Final Exam
