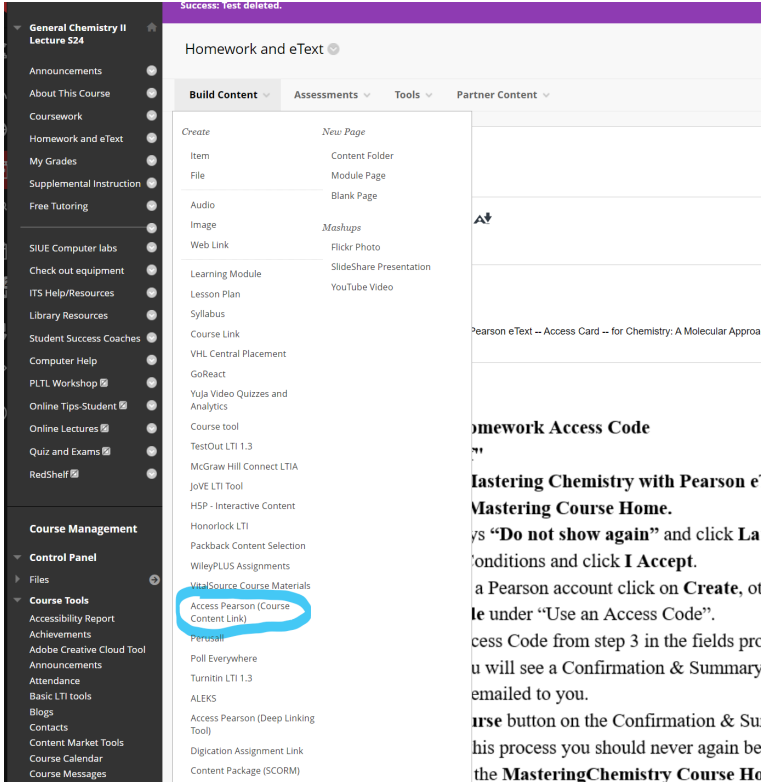
Learning Catalytics

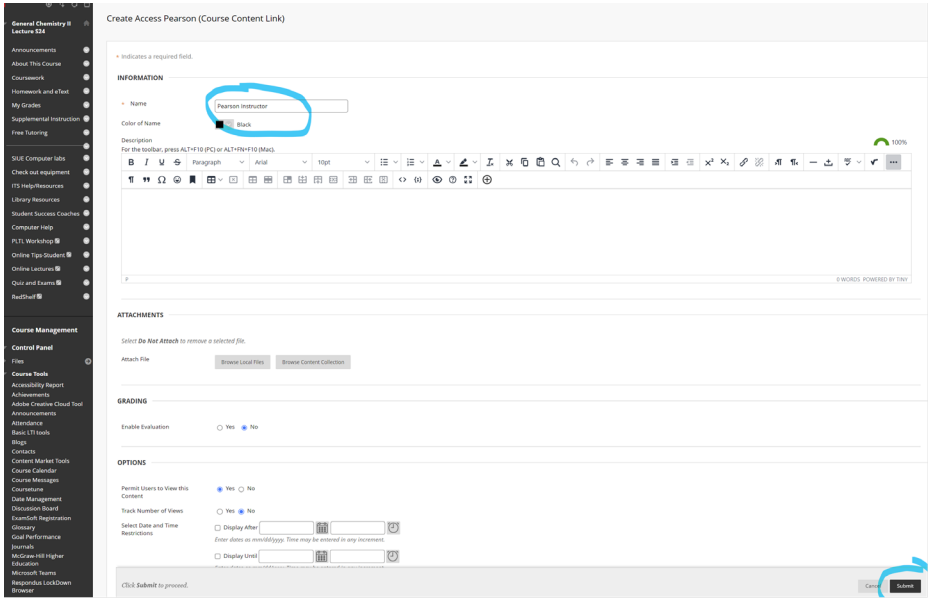
What is Learning Catalytics

- Fully integrated classroom response system through Pearson.
- Students can use any device that has internet.
- Run through blackboard via web browser (such as chrome)
- Has the capability of integrated group work
- Has a sliding scale for participation vs correctness
- Uses a seat map to gauge student answers
- Has the capability of a wide range of question types (not just MC).
  - Numeric (mathematical expression)
  - Multiple answers (select all that apply)
  - Direction (draw the dipole)
  - Matching/ Ranking / Priority
  - Region (where is the transition state? Where is the gas phase?)

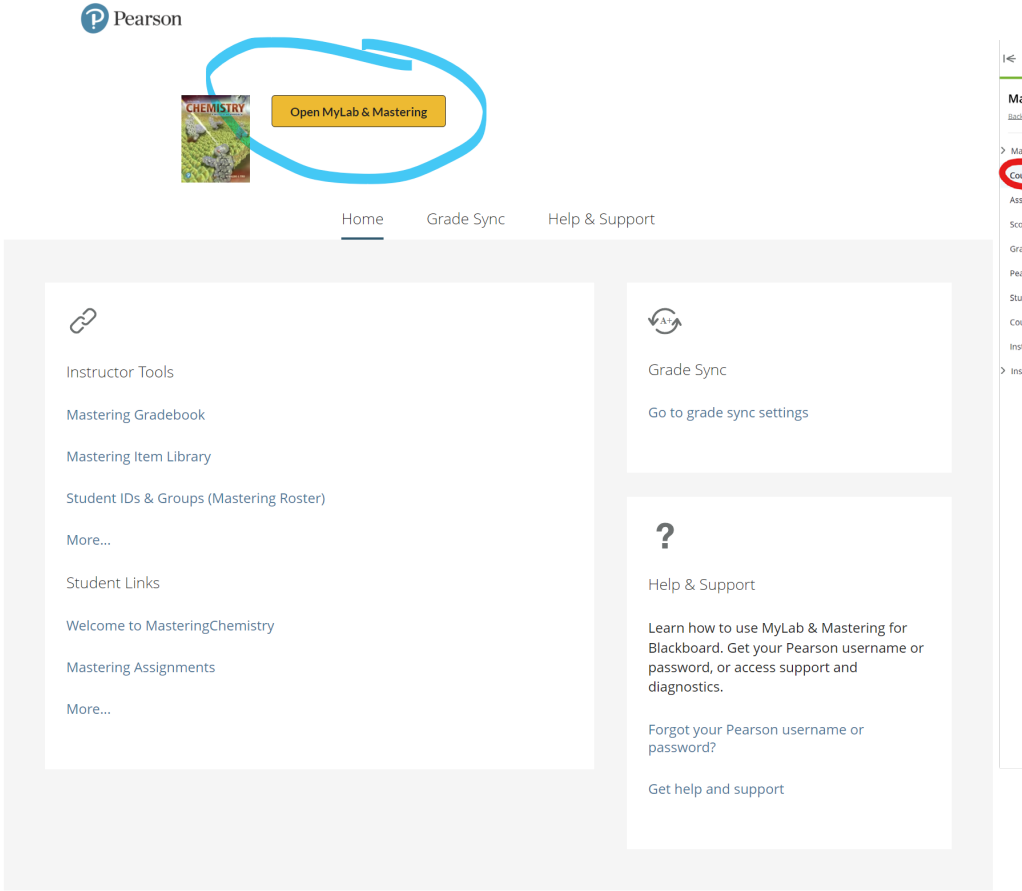
How do you Access it?

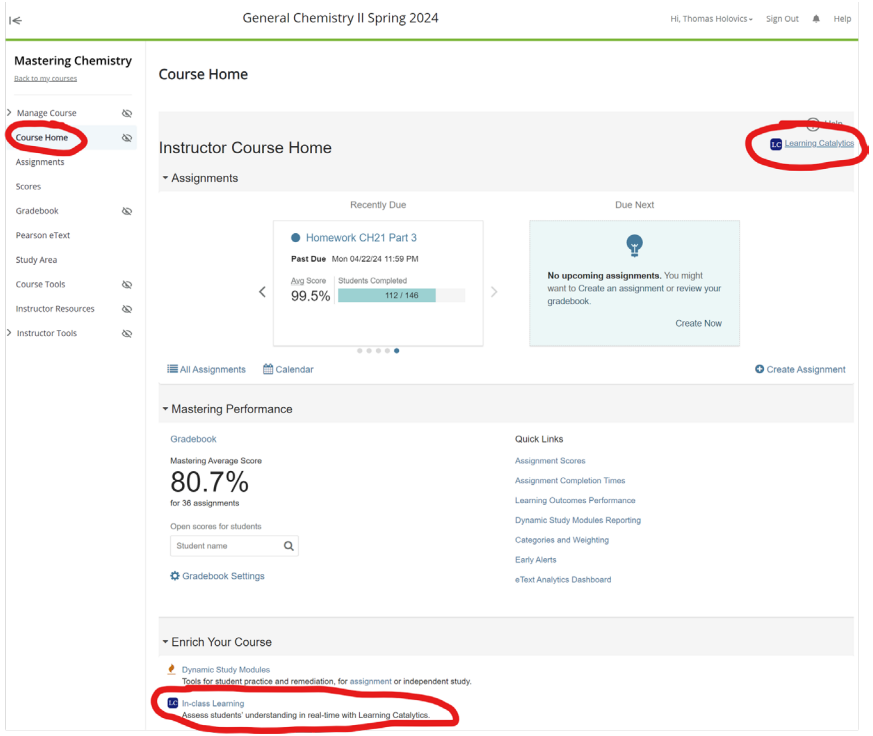
- Create a link for “Pearson Instructor”





How do you Access it?





How do you Access it?

Learning Catalytics™

Learning Catalytics is a "bring your own device" web-based student engagement system. Get into the minds of your students to understand what they do and don't know and adjust lectures accordingly.

Watch Video

1. Preview & Setup

Explore Learning Catalytics to determine how you will use it in your course.

- Browse the question library or write your own questions from scratch.
- Add questions to modules to use in your class.
- Preview the student experience.
- Arrange your classroom seatmap.

Preview and Setup

2. Use with Students

Notify students to purchase access and start using Learning Catalytics in your course. *

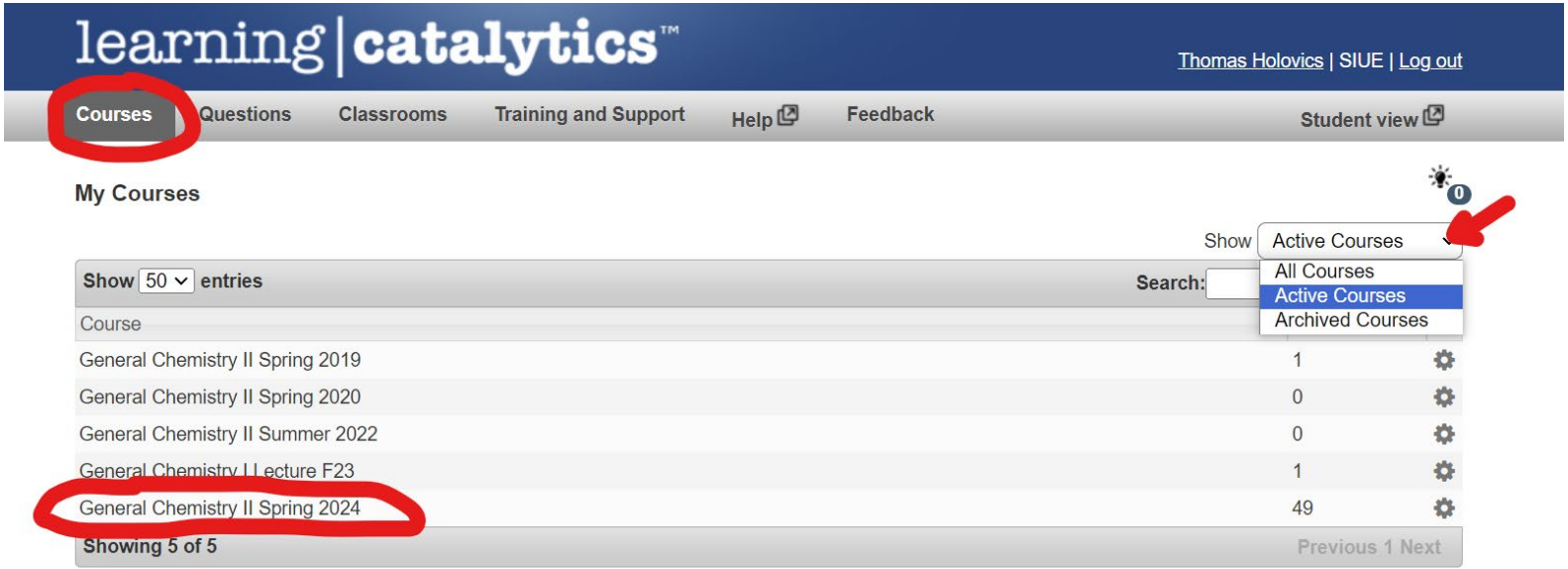
- Pose questions to students during class.
- Form discussion groups based on student answers.
- Review results in real time to identify student misconceptions.

☐ Notify students via email to purchase access.
view/edit message

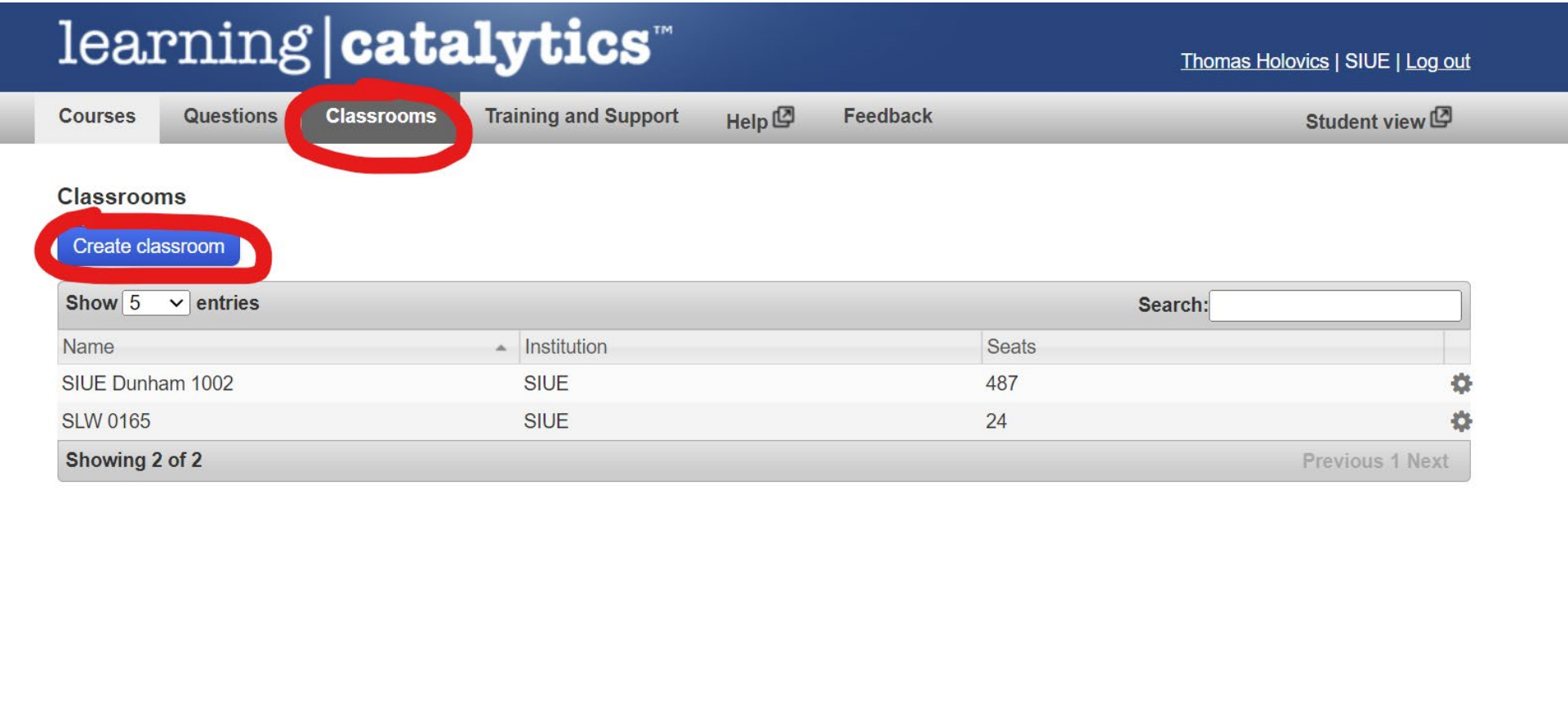
Use with Students

* Requirements for Classroom Use

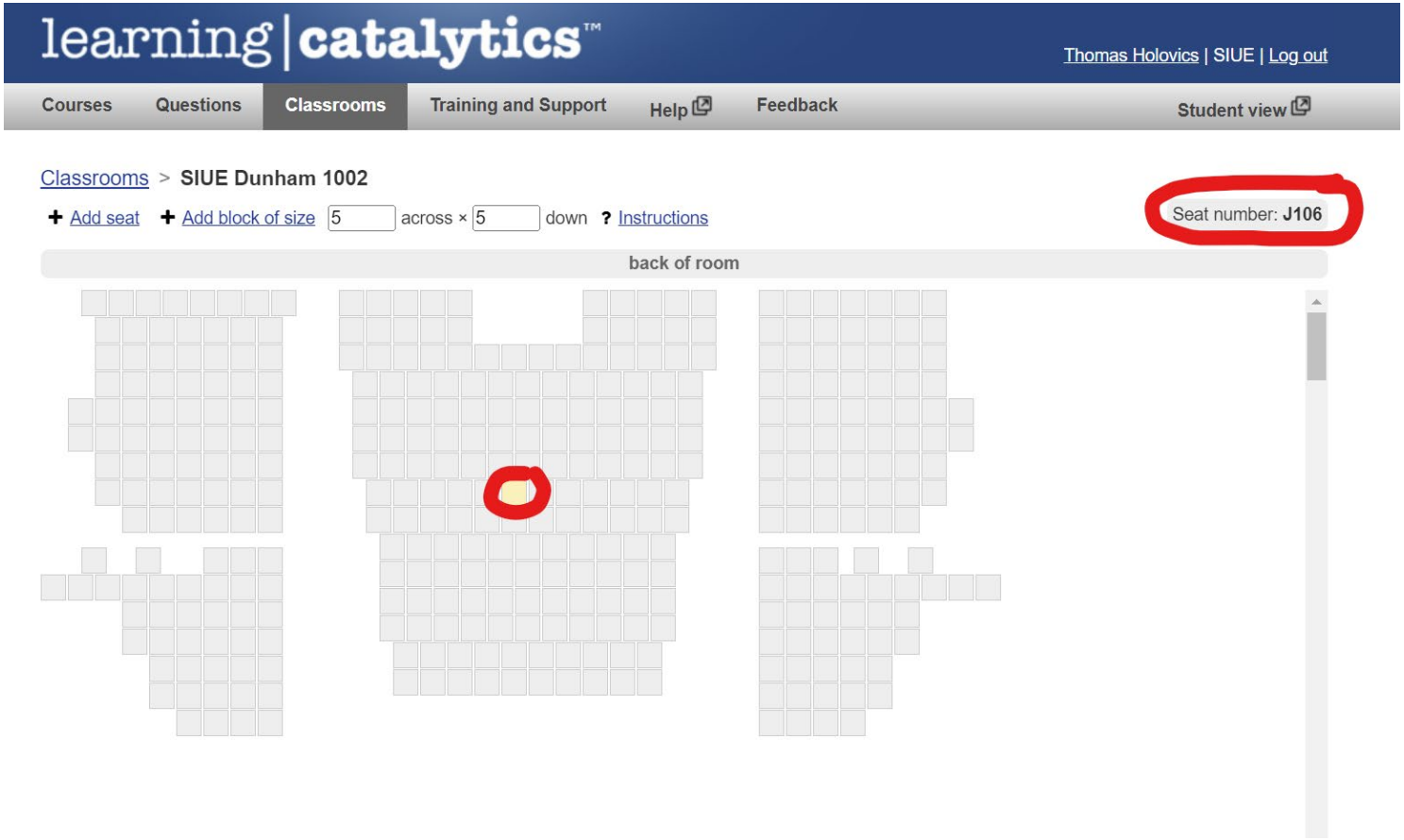
Find your Course



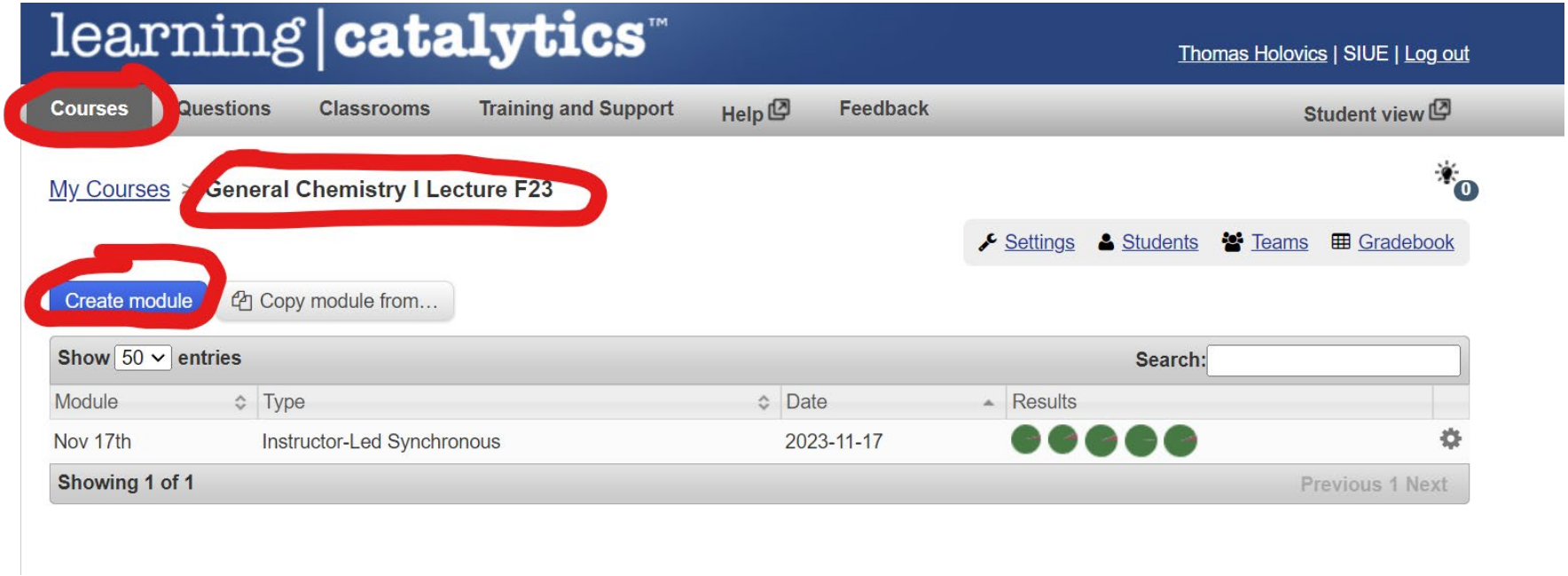
Design your Classroom



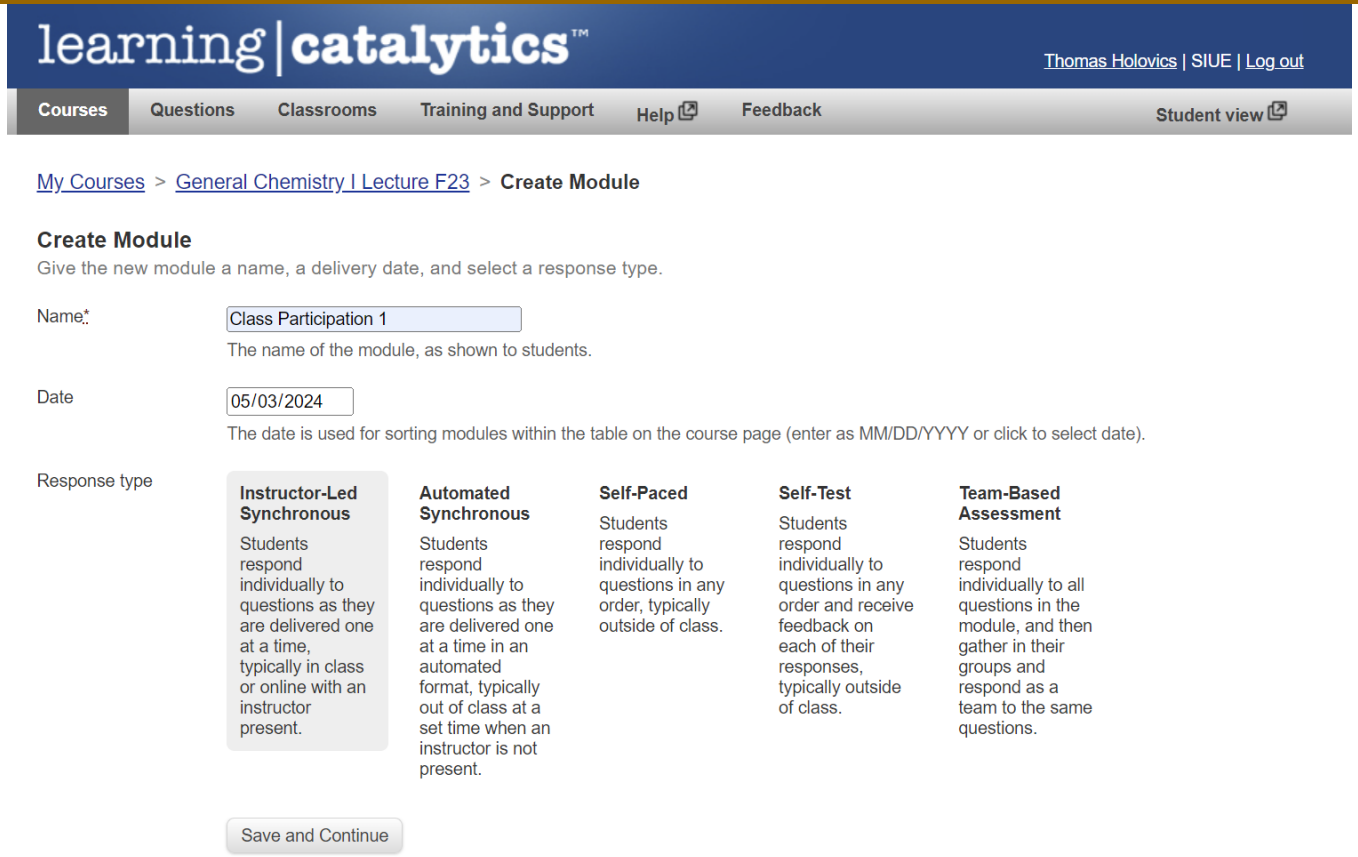
Design your Classroom



Create Your Module

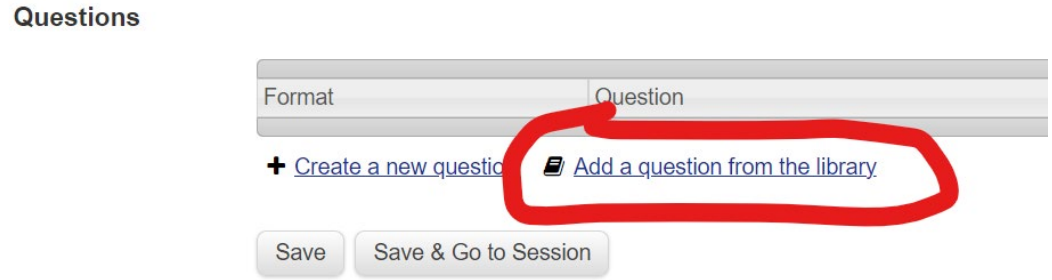


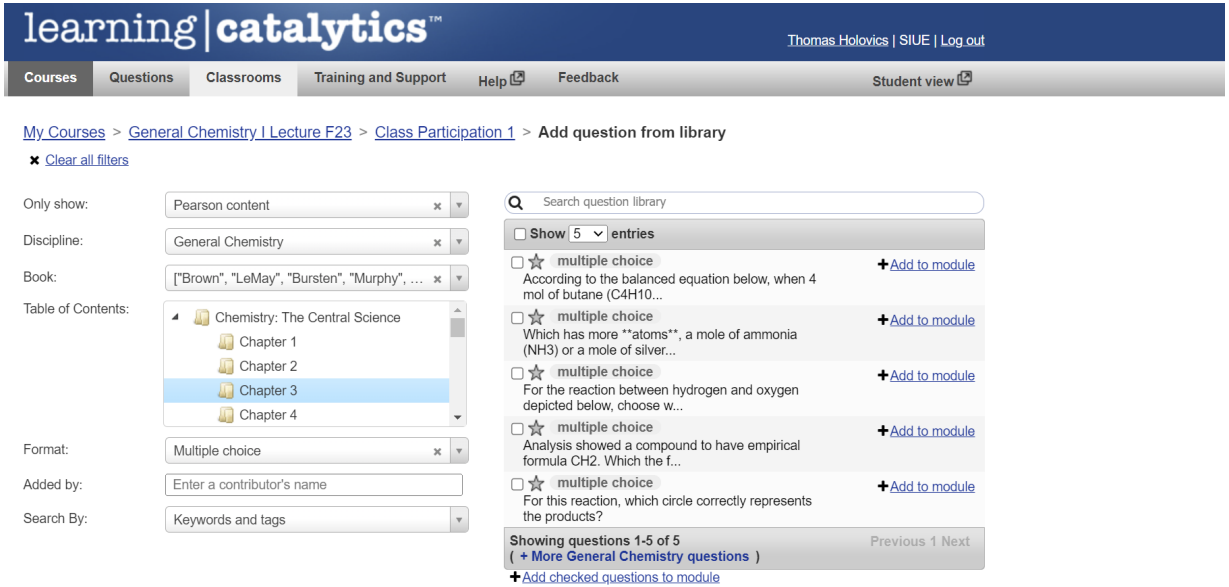
Create Your Module



Create Your Module

Use Pearson Questions





Use Pearson Questions

Question

Which has more **atoms**, a mole of ammonia (NH_3) or a mole of silver (Ag)?

A. a mole of ammonia has more atoms

B. a mole of silver has more atoms

C. a mole of ammonia and a mole of silver have the same number of atoms

Answer

A

Notes

BLB3.4

Tags

Avogadro's number mole Chapter 3

Rating

0 Likes 0 Dislikes Contact the publisher

Discussion

E-mail me when someone comments on this question.

Comment on this question:

Add comment

Historical Performance

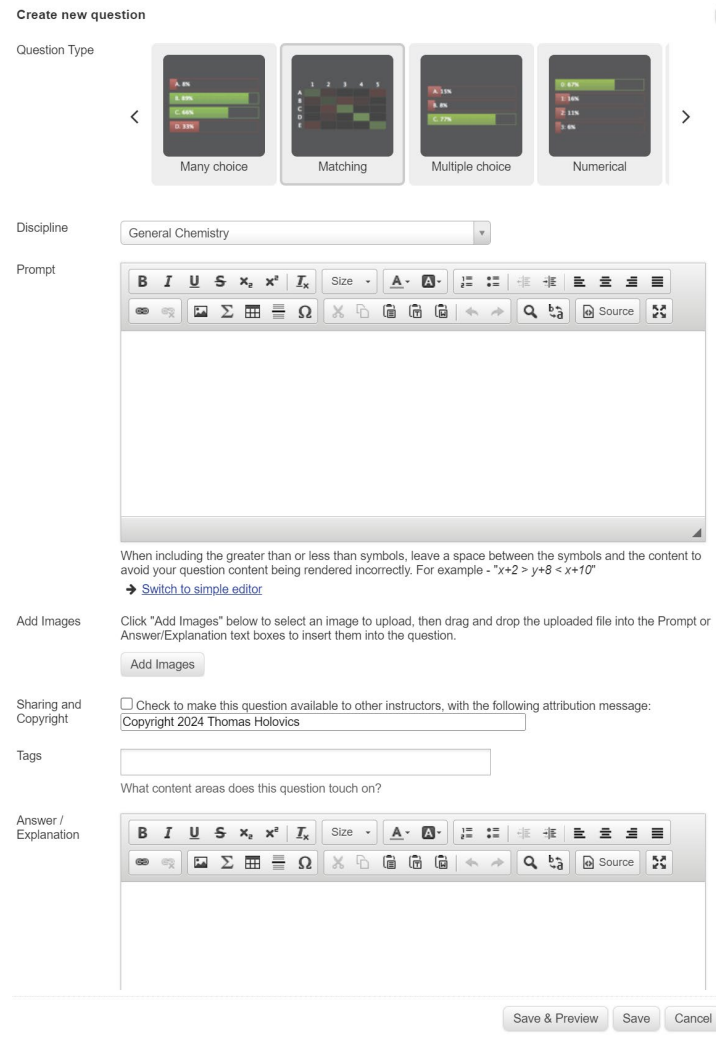
11538 students, 62% correct

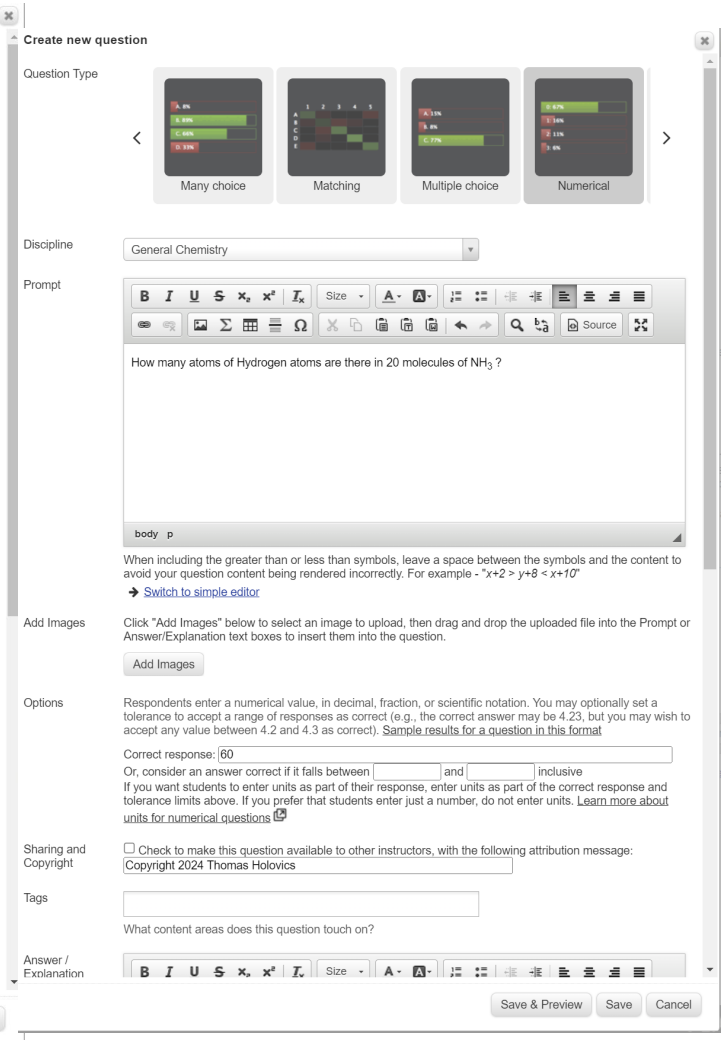
A. **61%**

B. **11%**

C. **27%**

Create Your Own Questions





Save your Module

My Courses > General Chemistry I Lecture F23 > **Class Participation 1**

Add Questions and Customize Module

The module has been created. Now it's time to customize the module settings and add questions.

Settings

Name*: Class Participation 1
The name of the module, as shown to students.

Date: 05/03/2024
The date is used for sorting modules within the table on the course page (enter as MM/DD/YYYY or click to select date).

Response type: **Instructor-Led Synchronous** Change response type
Students respond individually to questions as they are delivered one at a time, typically in class or online with an instructor present.

☐ Hide sessions for this module from students
If checked, do not show active sessions for this module in the list of active sessions students see when they log on.

Participation weight: **Final score = 55% Correctness + 45% Participation**
Students receive credit only for correct responses — Students receive credit for any response
Responses in each round receive separate grades; for example, credit-bearing responses on two rounds of a three-point question would result in six points overall.
If the Participation Weight is changed, scores of students of the current round, past round/s and future round/s will get changed accordingly.

☐ Do not allow students to review their performance on this module
If checked, do not show sessions for this module in the list of older sessions that students can review within Learning Catalytics.

Gradebook transfer: ☑ Send grade data to MasteringChemistry course (General Chemistry I Lecture F23)
Points transfer as credit

☐ Make the above grade transfer settings the default for all new modules

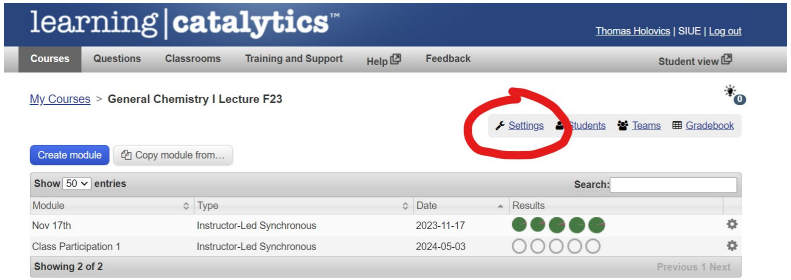
Questions

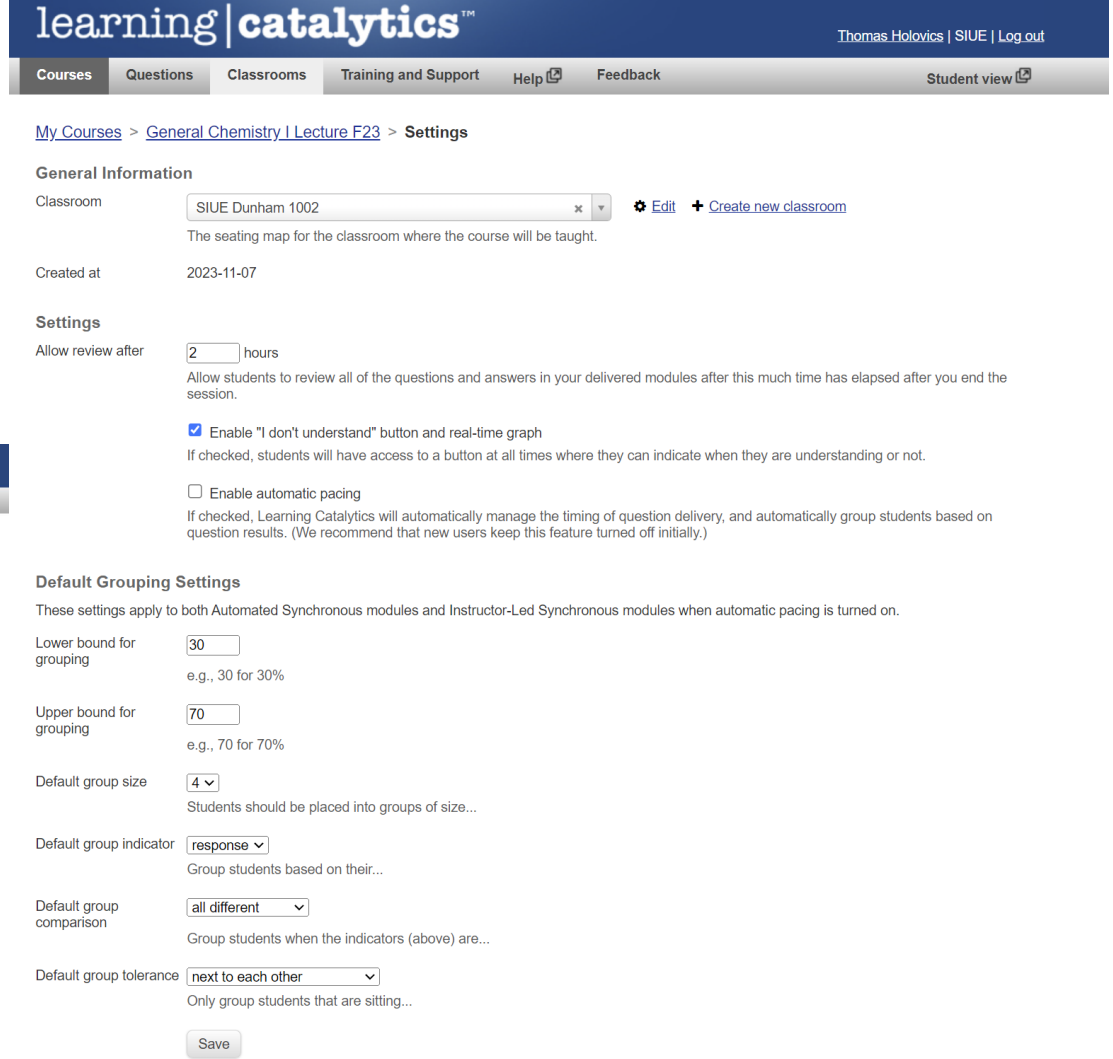
Format	Question	Points
1. numerical	How many atoms of Hydrogen atoms are there in 20 molecules of NH3 ?	1
2. multiple choice	What is the formula for hydrogen phosphide?	1
3. multiple choice	In the experiment depicted, β-rays are deflected from the center more...	1
4. multiple choice	Which functional group does this molecule possess?	1
5. multiple choice	Ethylene--a feedstock in the production of plastics--has the followin...	1

+ Create a new question Add a question from the library Copy or move checked questions

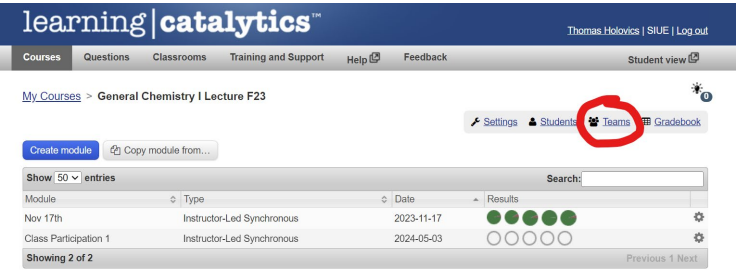
Save Save & Go to Session

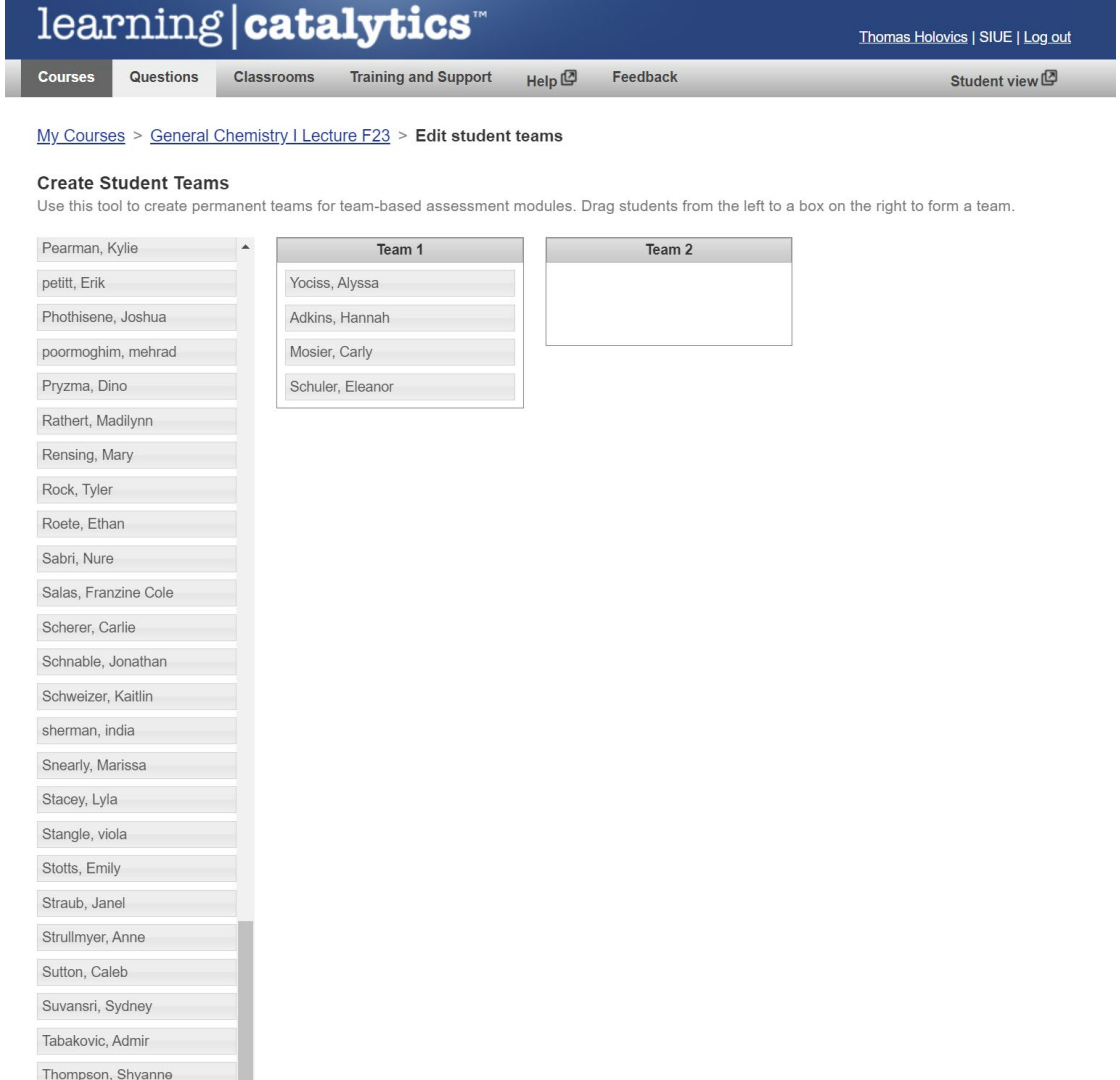
Module Settings



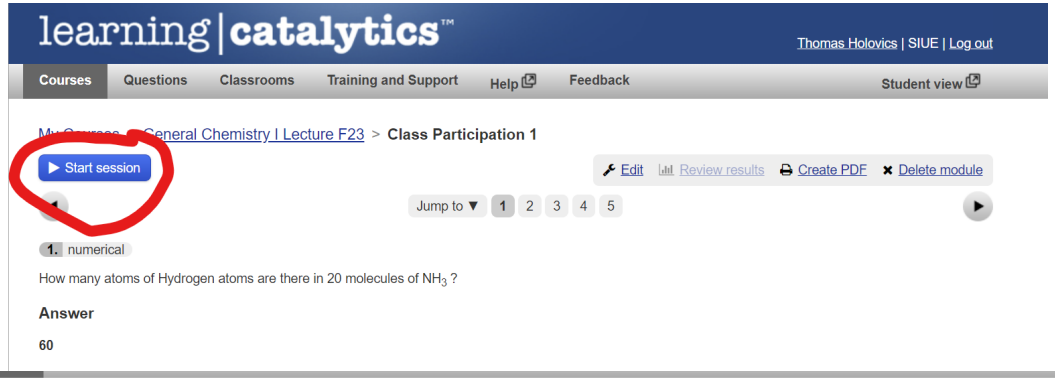


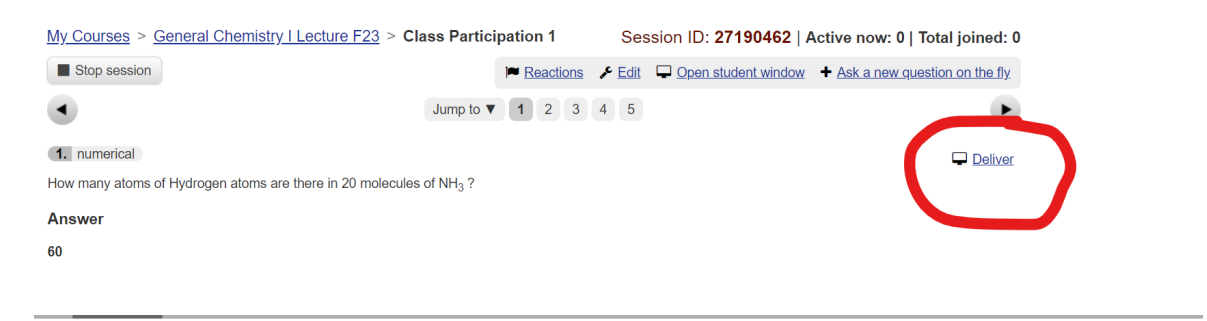
Design Teams



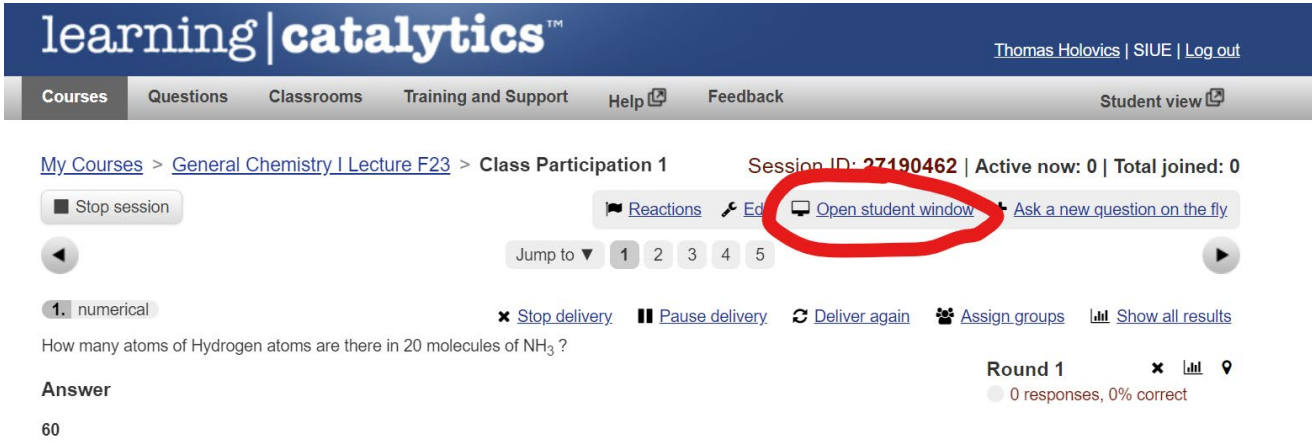


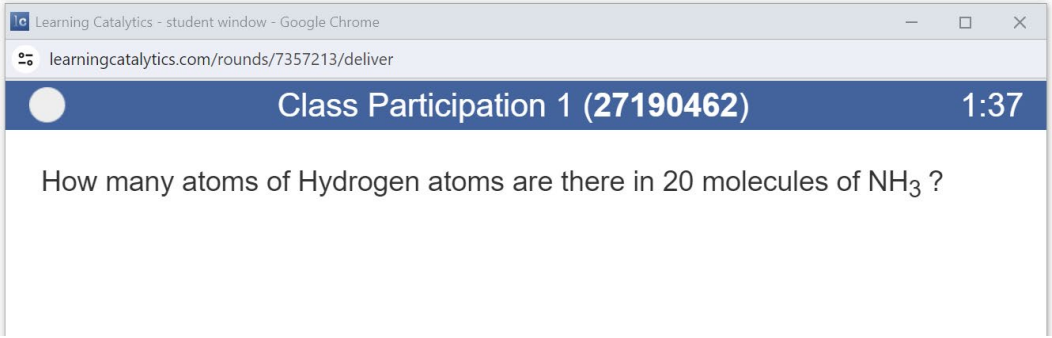
Start Your Session





Student View





Classroom Map and Results

Download results | Attendance information | Messages | Resend grades | Delete data

Round 1
123 responses, 91% correct

Jump to ▼ 1 2

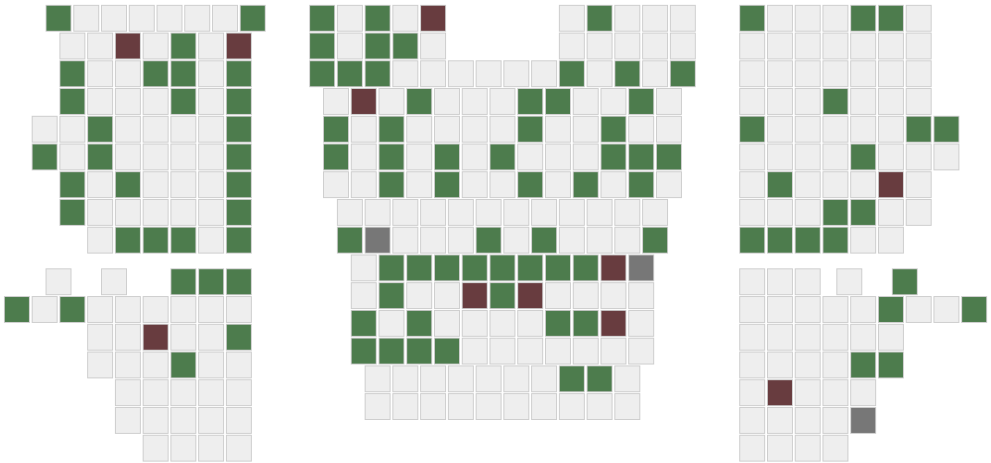
1: 4%
2: 2%
3: 91%
4: 1%
5: 2%

4. numerical

How many electrons are transferred in this half reaction?

$MnO_4^{-1} \rightarrow MnO_2$

Seat map



Show 50 entries Search:

Student	Round 1			
Adkins, Hannah	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Allen, Jordan	1 (0.50 points)	Revert to previous attempt	Mark correct (1 point)	Comment
Asselmeier, Jordan	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Baldwin, Isabel	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Beltran, Jasmin	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Bergman, Lou	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Botella Vian, Lucia	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Bower, Jacasta	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Boyer, Kathryn	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Bradley, Francis	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Brown, Austin	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Brown, Eli	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Bukovac, Emma	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Burch, Grant	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Casarez, Karizma	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Cisler, Joseph	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Climaco, Angel	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Cline, Regan	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Colbert, Jacob	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Crawford, Lauren	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Crippes, Brady	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Cruz, Kel	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Diller, Tabitha	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Do, Thao-Vi	5 (0.50 points)	Revert to previous attempt	Mark correct (1 point)	Comment
Dugger, Isabella	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
duncan, jada	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Dunn, Ian	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Dwyer, Hannah	3 (1.00 points)	Revert to previous attempt	Mark incorrect (0.5 points)	Comment
Easley, Dakotah	2 (0.50 points)	Revert to previous attempt	Mark correct (1 point)	Comment

Results to BB