Flexible Teaching

Creating an online discussion environment Learning tool⚡ talks

This session will be recorded and may be made publicly available. If you remain in this session, your participation and identifying information may be publicly visible. If you'd like to participate but prefer not to be recorded, turn off your video and mute your microphone.

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Piazza

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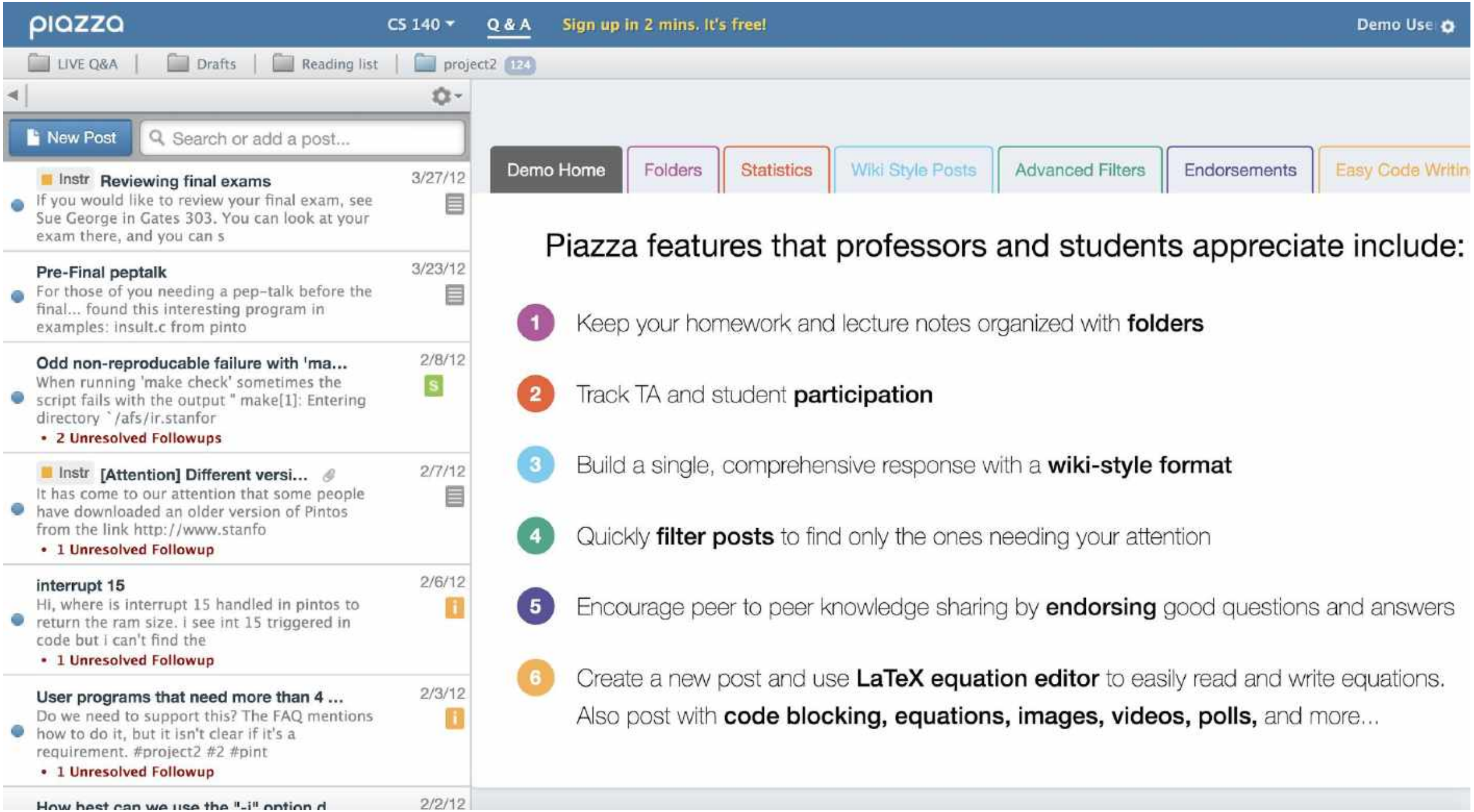
Question and answer discussion forum

Encourages peer learning, student engagement, and sense of community

Available in Sakai and Kits


piazza
CS 140
Q & A
Sign up in 2 mins. It's free!
Demo Use
LIVE Q&A
Drafts
Reading list
project2 124
New Post
Search or add a post...
Instr Reviewing final exams
3/27/12
If you would like to review your final exam, see Sue George in Gates 303. You can look at your exam there, and you can s
Pre-Final peptalk
3/23/12
For those of you needing a pep-talk before the final... found this interesting program in examples: insult.c from pinto
Odd non-reproducable failure with 'ma...
2/8/12
When running 'make check' sometimes the script fails with the output " make[1]: Entering directory `/afs/ir.stanfor
• 2 Unresolved Followups
Instr [Attention] Different versi...
2/7/12
It has come to our attention that some people have downloaded an older version of Pintos from the link http://www.stanfo
• 1 Unresolved Followup
interrupt 15
2/6/12
Hi, where is interrupt 15 handled in pintos to return the ram size. i see int 15 triggered in code but i can't find the
• 1 Unresolved Followup
User programs that need more than 4 ...
2/3/12
Do we need to support this? The FAQ mentions how to do it, but it isn't clear if it's a requirement. #project2 #2 #pint
• 1 Unresolved Followup
2/2/12
Demo Home
Folders
Statistics
Wiki Style Posts
Advanced Filters
Endorsements
Easy Code Writin
Piazza features that professors and students appreciate include:
1 Keep your homework and lecture notes organized with folders
2 Track TA and student participation
3 Build a single, comprehensive response with a wiki-style format
4 Quickly filter posts to find only the ones needing your attention
5 Encourage peer to peer knowledge sharing by endorsing good questions and answers
6 Create a new post and use LaTeX equation editor to easily read and write equations.
Also post with code blocking, equations, images, videos, polls, and more...

17.4 #10 4/30/12
Here's my equation for this one: [sum from 2 to infinity of ((n+1)(n+2)c_(n+2) + c_n-2) x^n] +2c_2 + 6xc_3 = 0 What I'm

Final Topics 4/29/12
Does the Final cover the material from the entire semester? #final

17.4 $4 4/29/12
How do we start this problem? When I balance my summations, I end up with Cn = 0/(n+2). So the only solution I have is y

17.4 #3 4/29/12
I'm having problems with the x^2 that is in front of y. Is there any way to manipulate the equation/summations such tha

Instr **Worksheet for tomorrow'...** 4/29/12
Attached is a worksheet for tomorrow's review session. If you plan to attend, I encourage you to take a look at these pr

Will the final cover the material before ... 4/29/12
Will the final mainly emphasize on the material that we learned after midterm 2? how many percentage of questions will b

Can we bring notecards to the finals a... 4/29/12

Solving with variation of parameters 4/29/12
When solving questions with variation of

question @319

240 views

Final Topics

Does the Final cover the material from the entire semester? #final

edit · good question | 0 Updated 8 years ago by Anonymous Gear

the students' answer, *where students collectively construct a single answer*

Yes, but there will be a greater emphasis on the material we have been learning post Midterm 2.

~ An instructor (Slobodan Simic) endorsed this answer ~

edit · thanks! | 2 Updated 8 years ago by Xxxxxxx

the instructors' answer, *where instructors collectively construct a single answer*

Laura is correct.

thanks! | 0 Updated 8 years ago by Slobodan Simic

Average Response Time: **41 min**

Special Mentions: Xxxxxxx answered gggg in 3 min. 2 years ago

Online Now | This Week: **0** | **4**

Trash

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Will the final cover the material before ... 4/29/12
Will the final mainly emphasize on the material that we learned after midterm 2? how many percentage of questions will b

Can we bring notecards to the finals a... 4/29/12

Solving with variation of parameters 4/29/12
When solving questions with variation of parameters in the exam, will we be allowed to use the formula for u1' and u2'?

17.4 question 4/29/12
I have a problem with number 3 on the homework. I did all the steps but i ended up with the sum from 1 to infinity of x^

Want to go back to the demo homescreen? **Click here**

question @311

103 views

17.4 question

I have a problem with number 3 on the homework. I did all the steps but i ended up with the sum from 1 to infinity of x^(2n+2)/(n+1)! and the back of the book says its the sum from 0 to infinity of x^(3n)/[3^n *n!] #homework

edit · good question | 0 Updated 8 years ago by Xxxxxxx

the students' answer, *where students collectively construct a single answer*

Click to start off the wiki answer

the instructors' answer, *where instructors collectively construct a single answer*

If you're looking for us to help spot your error, you really need to say what you've done. You should have something that looks like

$\sum_0^\infty (n+1)c_{n+1}x^n = \sum_0^\infty c_{n-2}x^n$. This should give you equations describing c_1, c_2, and then an equation for c_{n+1}

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New Post | Search or

- All
- Unread
- Updated
- Unresolved
- Due for answer
- Following
- Archived
- Instructor Posts
- Hide Group Posts
- Mark All Read
- View in Compact Mode
- Show Helper Icons

17.3 #11
I don't know how to continue
after this $$x(t)= x_c(t)+x_p(t
c_1\cos(\omega t)+c_2\sin(\

why we always break the bo
Professor mentioned two reas
the integral in #80 in 7.8 impr
other reason except it ha

WEEK 5/13 - 5/19

anybody know when grades
#grades

Instr **Course letter grade**
The course letter grade cutoff
percentages are rounded and
exactly 100): A+ 96-100 3.57

WEEK 5/6 - 5/12

Congratulations to everyone! 5/8/12
Following recent events, I'd like to personally congratulate everyone on completing this course. As we all know, it was

question from midterm2 5/8/12
If serious (−2) ^nCn is divergent, then serious (3^n)Cn is convergent. Why the answer is NEVER? #final

Table of Integrals on Final 5/8/12
I know I'm a bit late but for something like the integral of du/(u^2−a^2), can I just say the

Want to go back to the demo homescreen? **Click here**

question @311

103 views

17.4 question

I have a problem with number 3 on the homework. I did all the steps but i ended up with the sum from 1 to infinity of x^(2n+2)/(n+1)! and the back of the book says its the sum from 0 to infinity of x^(3n)/[3^n *n!] #homework

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$\sum_0^\infty (n+1)c_{n+1}x^n = \sum_2^\infty c_{n-2}x^n$. This should give you equations describing c_1, c_2, and then an equation for c_{n+1}

Average Response Time: 41 min | Special Mentions: Xxxxxxx answered gggg in 3 min. 2 years ago | Online Now | This Week: 0 | 4

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piazza MATH 1B Q & A Sign up in 2 mins. It's free! Demo Use

LIVE Q&A | Drafts | hw1 21 | hw2 5 | hw3 6 | hw4 2 | hw5 7 | hw6 | hw7 3 | hw8 4 | hw9 | hw10 | project | exam 4 | logistics 21 | other 2

New Post | Search or add a post...

DRAFTS

PINNED

How is this series divergent? 5/8/12
$$ \sum^{\infty}_{n=0} 1^{n^2 - \sqrt n} $$ I rewrote it was $$ 1^{n^{3/2}} $$ which still appears to converge to 1. I

8(b) on practice final 5/7/12
I have no idea what to do with my answer from 8(a) Help!!!! #final #practice.final #pin

how do you integrate arctanx/x on [0,1/2] 5/6/12
i tried series and still can't get an exact number...wolfram alpha tells me it should be 0.48 something but i don't unde

17.3 #11 4/23/12
I don't know how to continue this problem after after this $$x(t)= x_c(t)+x_p(t)$$ $$x_c(t)= c_1\cos(\omega t)+c_2\sin(\

why we always break the bound to 0 -1... 2/12/12
Professor mentioned two reasons in lecture why the integral in #80 in 7.8 improper, what's the other reason except it ha

WEEK 5/13 - 5/19

anybody know when grades go on bea... 5/16/12
#grades

Instr **Course letter grade cutoffs ...** 5/14/12
The course letter grade cutoffs are (the percentages are rounded and may not add up to

Post Type

- Question — *if you need an answer*
- Note — *if you **don't** need an answer*
- Poll/In-Class Response — *if you need a vote*

Post to Entire Class

Select Folder(s) hw1 hw2 hw3 hw4 hw5 hw6 hw7 hw8 hw9 hw10 project exam logistics other

Summary (100 characters or less) Enter a one line summary...

Details Rich text editor | Plain text editor | Markdown editor

Report any bugs with our editor to bugs@piazza.com

Insert Format Table

B I

Average Response Time: 41 min

Special Mentions: Xxxxxxx answered gggg in 3 min. 2 years ago

Online Now | This Week: 0 | 4

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WEEK 1/29 - 2/4

7.4 #32 1/30/12
Can anyone help me start this problem? If the denominator has a irreducible quadratic factor, what do you do? #hw1 #7.3

WEEK 1/22 - 1/28

OFFICIAL STUDY GROUP TONIGHT 01... 1/26/12
Last minute homework review. @Lower part of Unit 3; Academic Services center I will be there at around 6pm, however, ot

Are we required to completely simplify ... 1/26/12
#hw1

7.3 # 15 1/26/12
i've gotten as far as a^4 * integral(sin^2(theta)*cos^2(theta)) but am now stuck, any ideas? $$ a^4\int sin^2(\th

7.3 #31b 1/22/12
I got part (a) correct but I can't seem to get part (b). I plugged in $$x=asinht$$ and $$dx=acoshtdt$$, so the denominat

7.3 #34? 1/22/12
How do I set up an integral for this area? and which way do I integrate? dx or dy? #hw1
• 1 Unresolved Followup

Section 7.1 #'s 45 and 46 1/22/12

note @77

207 views

OFFICIAL STUDY GROUP TONIGHT 01/26/12

Last minute homework review.
@Lower part of Unit 3; Academic Services center
I will be there at around 6pm, however, others will not be showing up until 7 or 8.

Also, Academic Services' tutors will be there from 8pm-10pm for further assistance.

Questions: 8189842327 -Julia

#study #homework #hw1

hw1

edit · good note | 0 Updated 8 years ago by Xxxxxxx

followup discussions *for lingering questions and comments*

Resolved Unresolved

Anonymous Gear 8 years ago So this today's meeting has been moved to the new location posted? and not lower part of moffit??

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Here's my equation for this one: [sum from 2 to infinity of ((n+1)(n+2)c_(n+2) + c_n-2) x^n] +2c_2 + 6xc_3 = 0 What I'm

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Solving with variation of parameters 4/29/12
When solving questions with variation of parameters in the exam, will we be allowed to

the instructors' answer, *where instructors collectively construct a single answer*

Yes, c_2 and c_3 are both 0, since in order for a function to be identically 0 (i.e., $f(x) = 0$ for all x), all the coefficients in its power series must be 0. (so the sum of all coefficients of x^n on the left must be equal to 0 for each n). This does not mean all c_i are 0, since not all are directly related to c_2 or c_3. For example, for $n = 2$ we get $3 \cdot 4c_4 + c_0 = 0$.

thanks! | 0 Updated 8 years ago by Per Stinchcombe

followup discussions *for lingering questions and comments*

Resolved Unresolved

Xxxxxxx 8 years ago Wouldn't it be better just to equate the sum of the dangling coefficients to 0, i.e. set 2c_2 + 6xc_3 = 0 ? That seems to give me more freedom to manipulate them.
helpful! | 0

Per Stinchcombe 8 years ago As noted above, the key fact is that the sum must be *identically* 0; that is, it must be 0 for all x. It's easy to check that if $2c_2 + 6xc_3 = 0$ for all x, then $c_2 = c_3 = 0$.
helpful! | 0

Reply to this followup discussion

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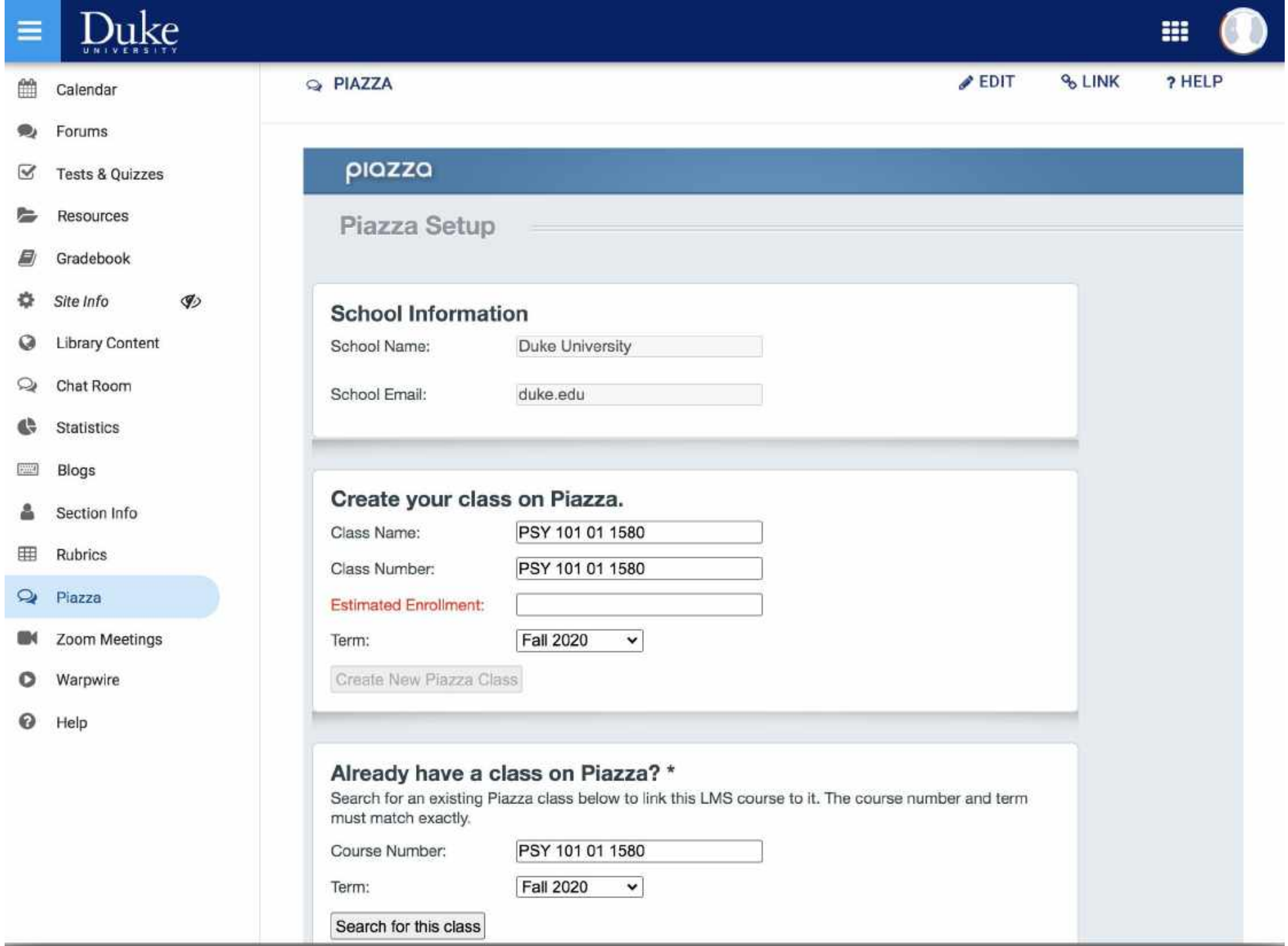
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Duke University
School Email:
duke.edu
Create your class on Piazza.
Class Name:
PSY 101 01 1580
Class Number:
PSY 101 01 1580
Estimated Enrollment:
Term:
Fall 2020
Create New Piazza Class
Already have a class on Piazza? *
Search for an existing Piazza class below to link this LMS course to it. The course number and term must match exactly.
Course Number:
PSY 101 01 1580
Term:
Fall 2020
Search for this class

References

Learn more at flexteaching.li.duke.edu/a-guide-to-course-delivery/what-communication-tools-are-available/

Get help at support.piazza.com/support/home

Duke faculty example at learninginnovation.duke.edu/blog/2013/06/piazza_nadeau/

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Microsoft Teams

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Microsoft Teams

Supports rapid communication like chat or instant messaging

Supports file sharing and web conferencing

Best set up through kits.duke.edu for your course

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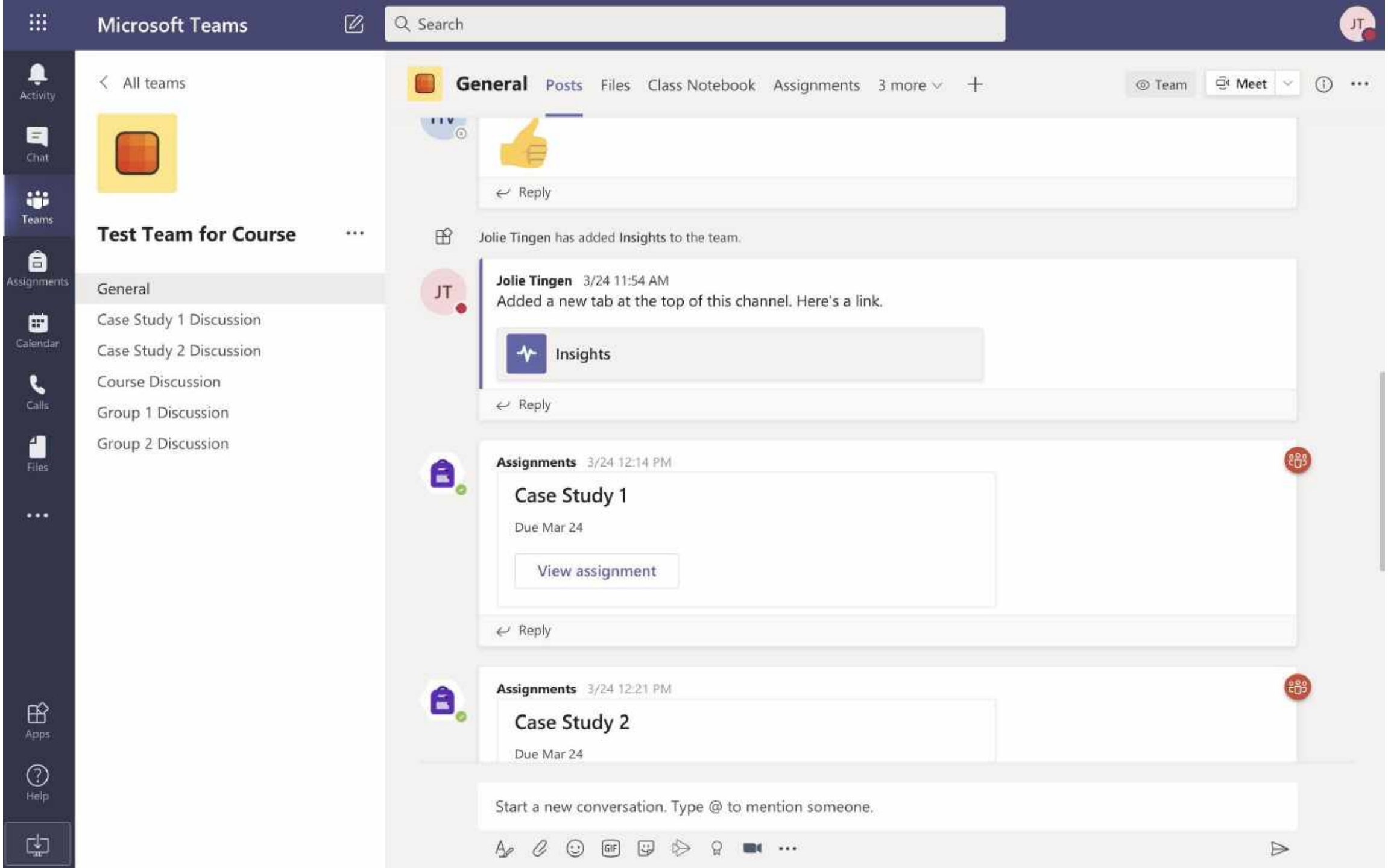
Microsoft Teams
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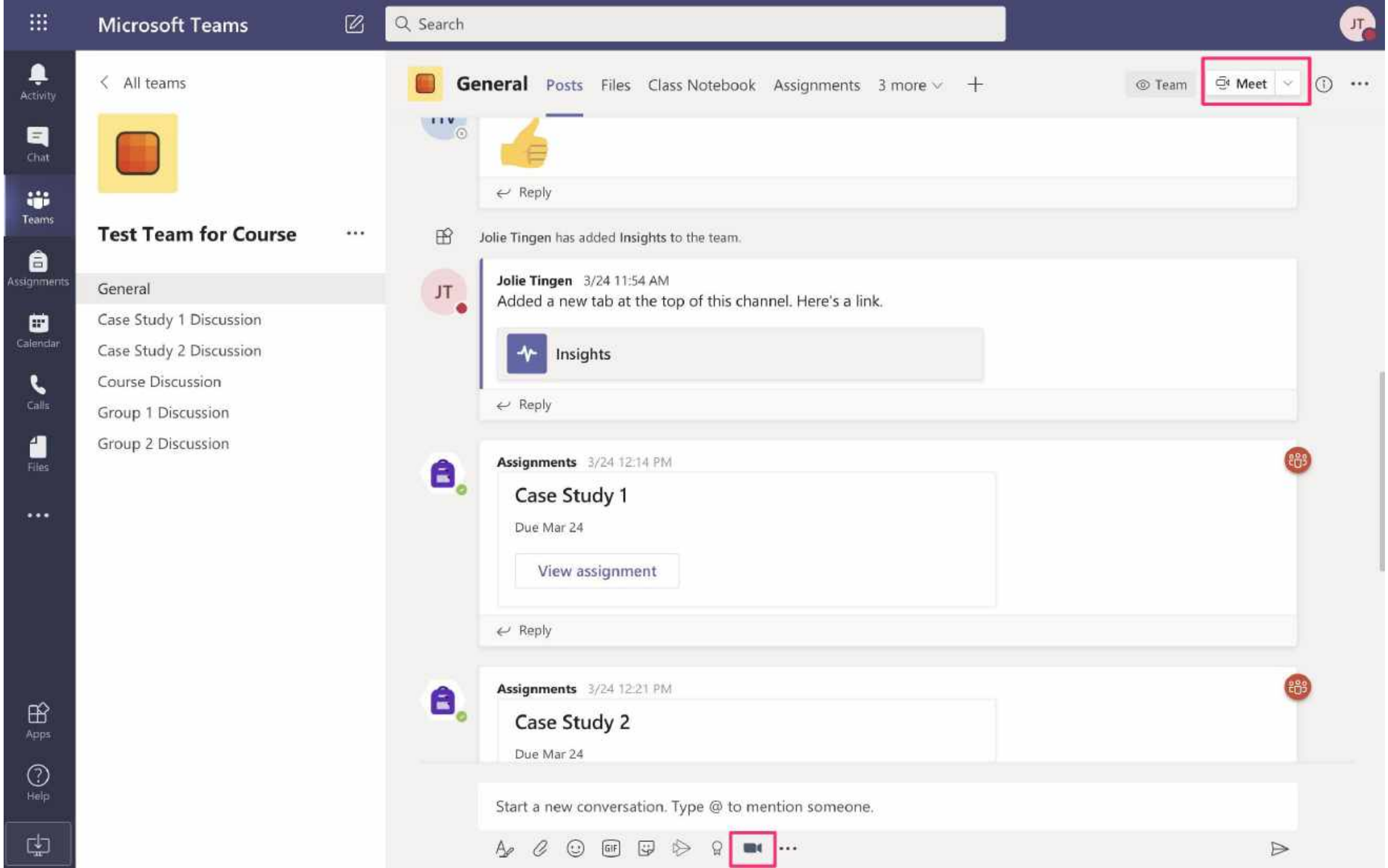
JT
Activity
Chat
Teams
Assignments
Calendar
Calls
Files
Apps
Help
All teams
Test Team for Course
General
Case Study 1 Discussion
Case Study 2 Discussion
Course Discussion
Group 1 Discussion
Group 2 Discussion
General
Posts
Files
Class Notebook
Assignments
3 more
Team
Meet
Reply
Jolie Tingen has added Insights to the team.
Jolie Tingen 3/24 11:54 AM
Added a new tab at the top of this channel. Here's a link.
Insights
Reply
Assignments 3/24 12:14 PM
Case Study 1
Due Mar 24
View assignment
Reply
Assignments 3/24 12:21 PM
Case Study 2
Due Mar 24
Start a new conversation. Type @ to mention someone.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All teams
Test Team for Course
General
Case Study 1 Discussion
Case Study 2 Discussion
Course Discussion
Group 1 Discussion
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General
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JT

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Teams
Assignments
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Calls
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...
Apps
Help

All teams

UL

University Libraries

General

UL General Posts Files Staff Notebook Wiki Wiki + Team

[DiversifyIT] DiversifyIT _ Open Mic Series _Living (IT...

New 2 replies from Kimberly

Reply

Heather Martin 6/24 10:42 AM 10 6

I created the guide "Anti-racism and Black Liberation" to focus on DUL resources available. We are adding electronic copies when available, and I'll be updating it. Please let me know if you have suggestions. https://guides.library.duke.edu/antiracism

LibGuides: Anti-racism and Black Liberation: Getting started
A beginning resource list for the Duke community
guides.library.duke.edu

New 3 replies from Kimberly, Heather, and Naomi

Reply

July 1, 2020

Erin Nettifee 6/30 4:05 PM 2

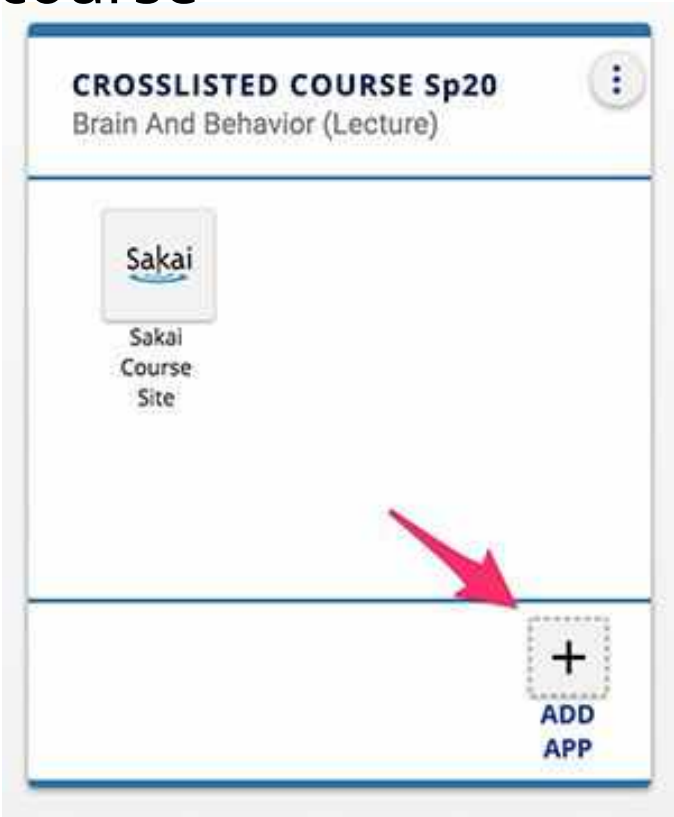
Ooh, MCL has put out Zoom backgrounds. You too can remember the People Mover!
https://archives.mc.duke.edu/blog/library-zoom-backgrounds?fbclid=IwAR1mGzP8hgV8N24D4yr-taAL9DIfOFCMYqIv-2mR0WTqTfUj78LcNzCaP2k

Virginia Martin 7/1 11:12 AM 1

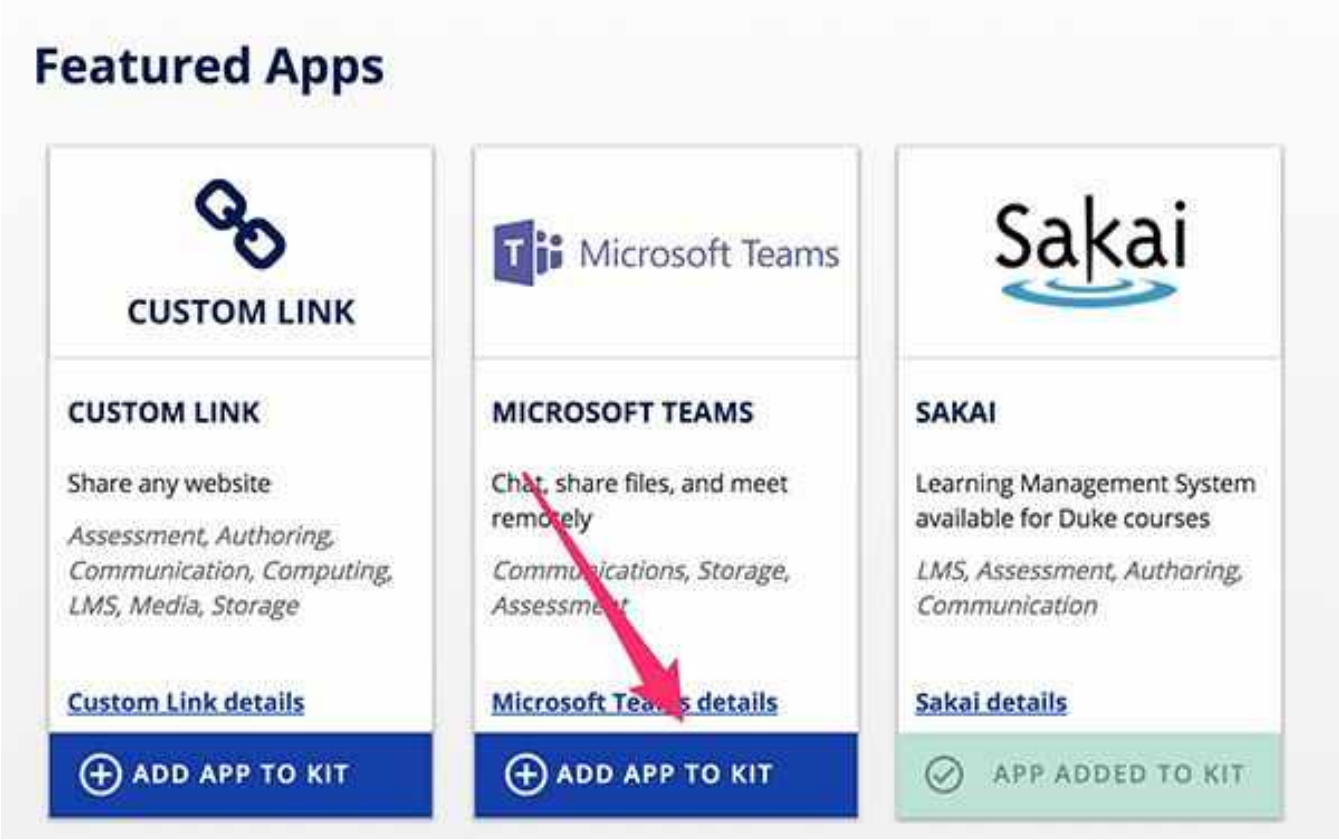
Where are those lounge chairs and that tapestry now!? I want them for my own house!!

Start a new conversation. Type @ to mention someone.

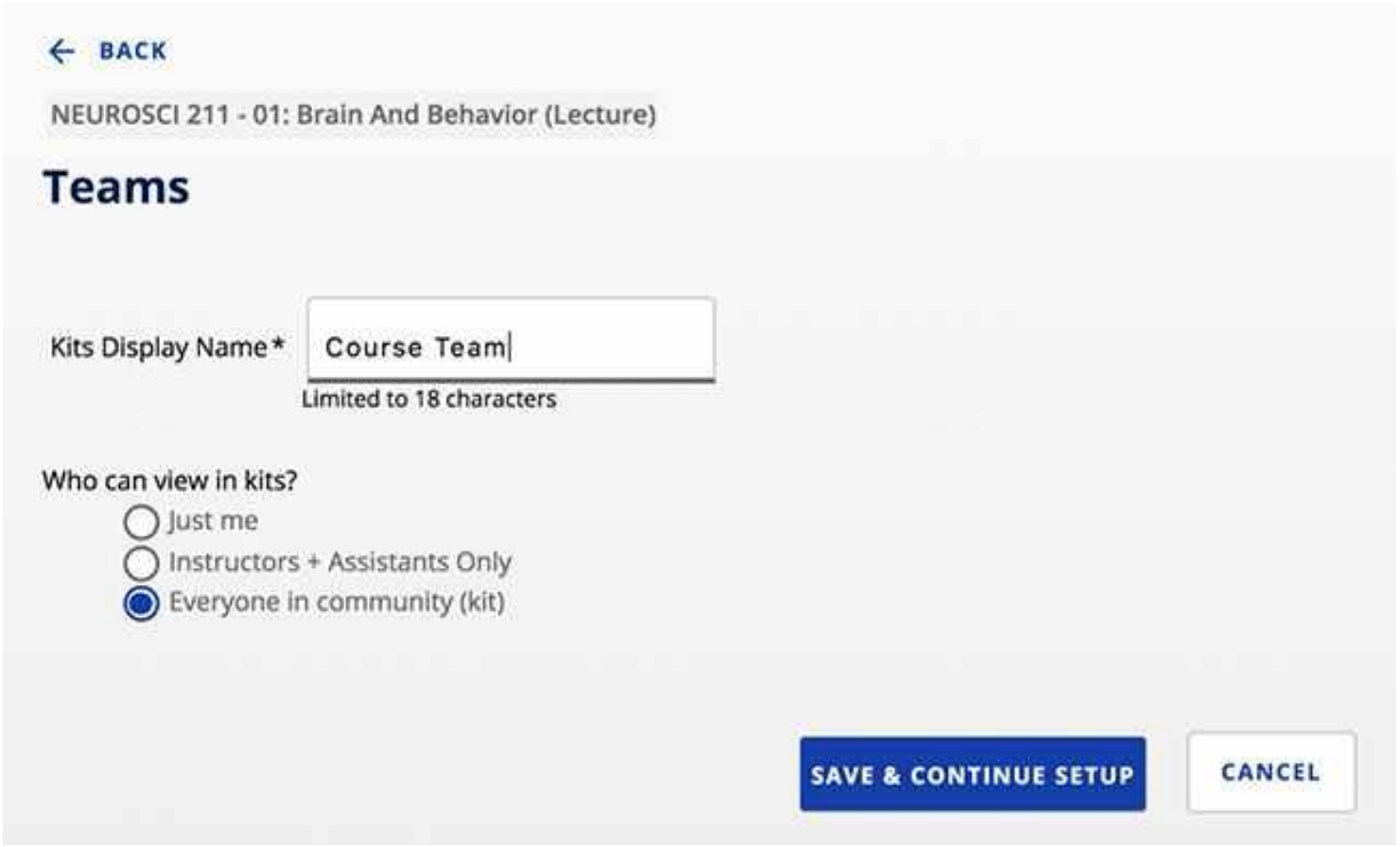
1. Go to kits.duke.edu and click Add App icon for course

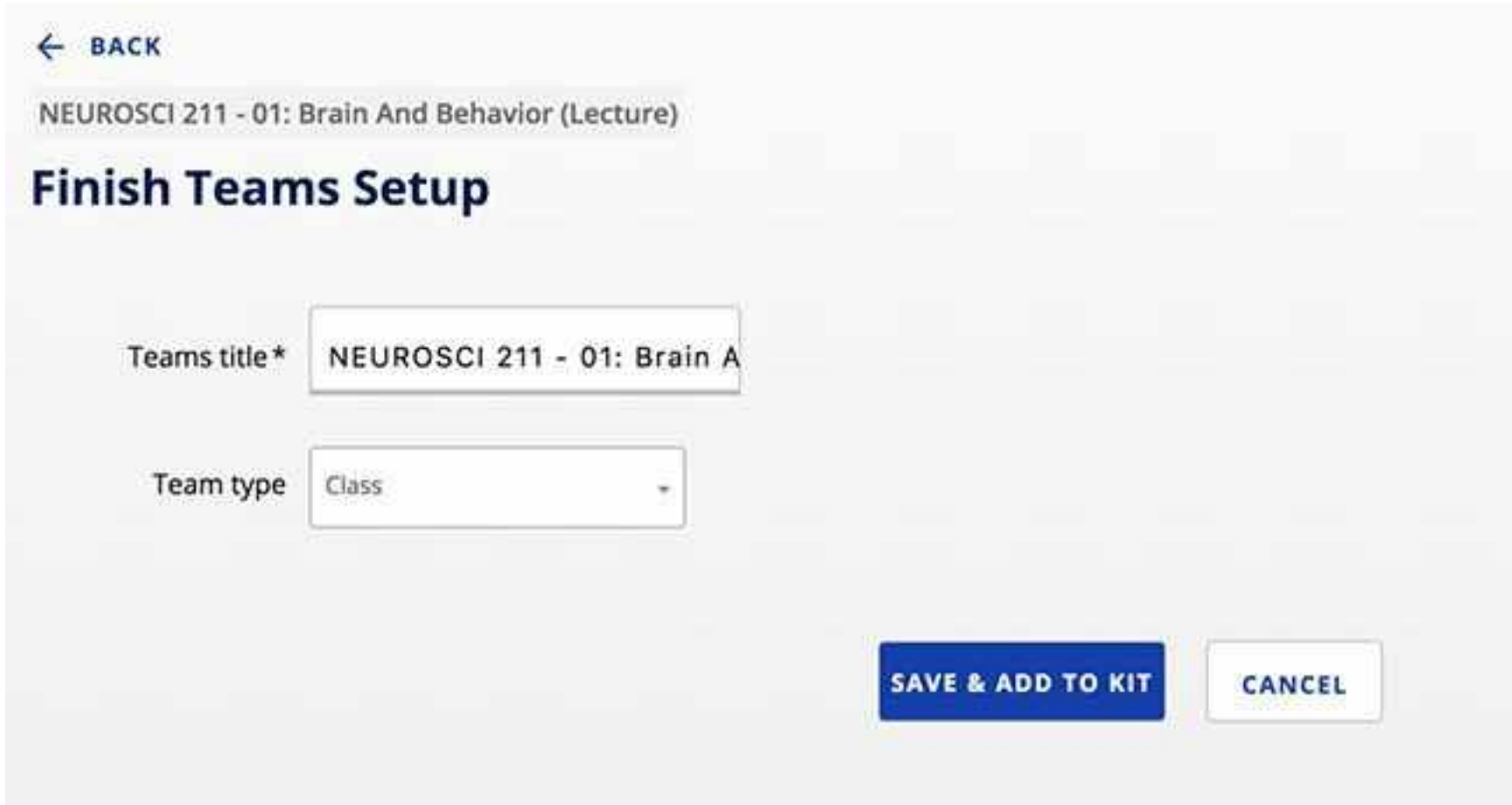


2. Click add app to kit on the MS Teams option



3. Enter display name for Teams, select sharing options, click Save and Continue Setup

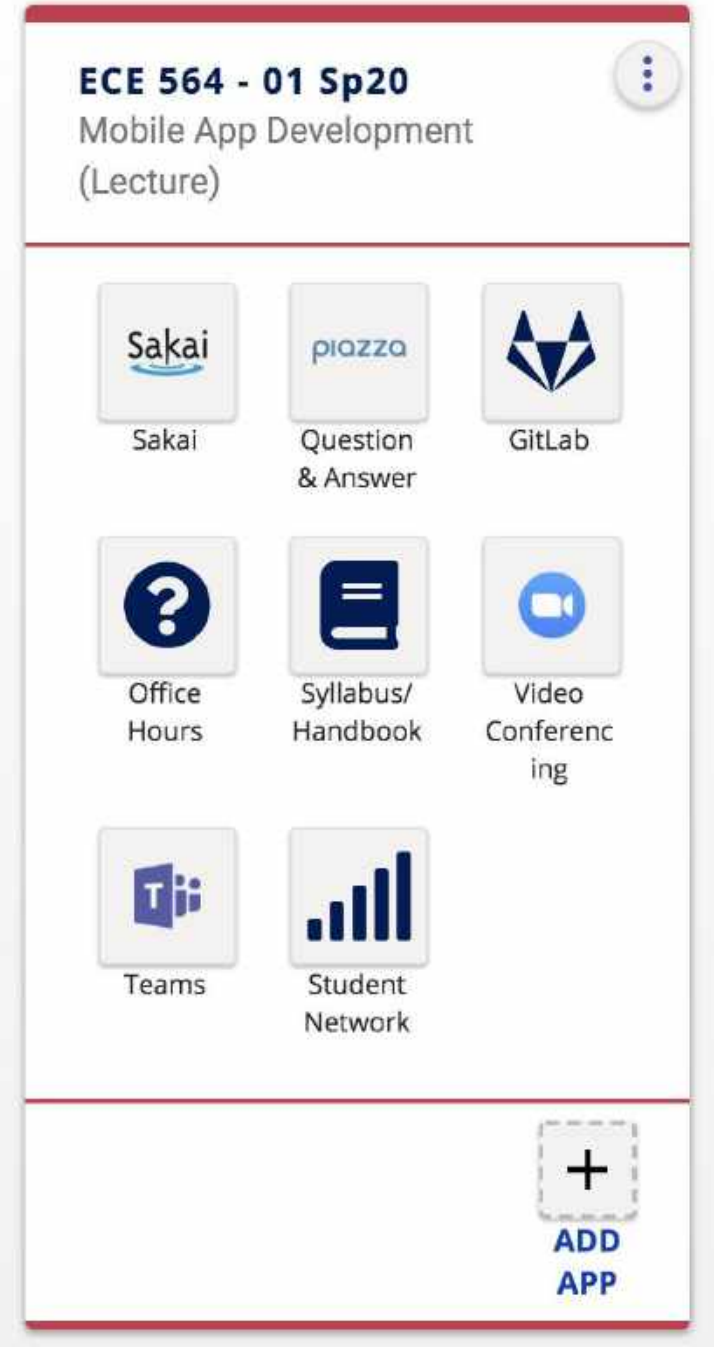



BACK
NEUROSCI 211 - 01: Brain And Behavior (Lecture)
Finish Teams Setup
Teams title*
NEUROSCI 211 - 01: Brain A
Team type
Class
SAVE & ADD TO KIT
CANCEL

MS Teams is set up with your course name as the Team name and is **automatically shared** with all of your students

Example: ECE 564 Mobile App Development
Faculty: Ric Telford

- Uses Sakai for Assignments and Gradebook
- Uses Piazza for TA support and technical/course questions
- Uses MS Teams for student project work allowing project teams flexible collaboration



References

Setup MS Teams through Kits at kits.duke.edu

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Get help at flexteaching.li.duke.edu/tools-index/#Teams

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Sakai Forums

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Sakai Forums

- Discussion topics & conversations that can be separated by subject, type, etc
- Use as an icebreaker activity or to stimulate discussion & interaction amongst students
- Asynchronous discussion for ideas & topics that can't be fully covered in synchronous
- Structure basics
  - Forums contain topics. Topics contain conversations & replies.

Sakai Forums

- Show/hide date restrictions (F & T)
- Lock/disable posts (F & T)
- Moderate (F & T)
- Require users post before reading (F & T)
- Anonymous posts (T)
- Grading (F & T)
- Group separation (T)

F = Forum level | T = Topic level

Hypothes.is

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Hypothes.is

Hypothes.is is a tool that allows asynchronous collaborative annotation of online documents and documents in a Google Drive folder. Instructors can assign material for students to review and follow their comments to see how students are engaging with it.

Duke plans to pilot Hypothes.is in Fall 2020. It will be free to instructors and students at that time and supported by Learning Innovation and Hypothes.is.

Hypothes.is

Hypothes.is will be available through Sakai, the Duke-supported learning management system. After setting up a course site, instructors will be able to add Hypothes.is to a lesson page via “Add Content > Add a Learning App”.

References

Hypothes.is guides and tutorials
https://web.hypothes.is/help-categories/tutorials/

Duke | Learning Innovation

Thank you!

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Learning Innovation staff hold online office hours every Monday, Wednesday and Thursday from 1-3 p.m. EDT to provide immediate, individual help with flexible teaching at duke.zoom.us/my/dukelearninginnovation

If you have specific questions or need help with Zoom, Panopto, Camtasia or Warpwire video production at home or at Duke, please contact help@duke.edu and request a video consultation.