

SER 321 B Session

SI Session

Thursday, March 20th 2025

7:00 pm - 8:00 pm MST

Agenda



What is SI?

About Me

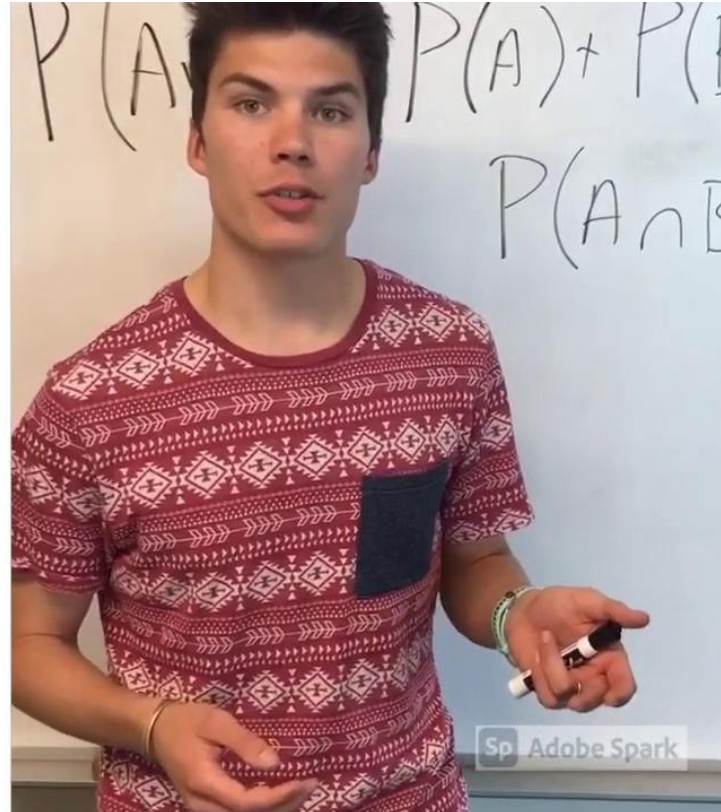
Session Times & Expectations

Course Tips!

What is SI?

Informational Video

What is SI?



About Me

Katie

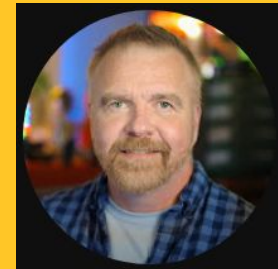
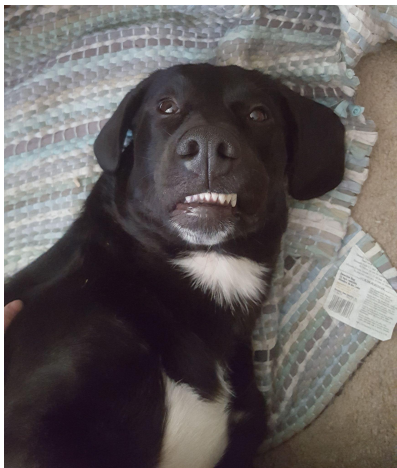
- Born and raised near Chicago, Illinois
 - Moved around within the Northern Suburbs
 - Currently in Grayslake
- Work at a local Italian restaurant
- Received AS from my local Community College
- Transferred to ASU for Software Engineering
- Runs in the family
 - Father is a Software Architect
 - Mother is a Quality Assurance Analyst
- Graduating this May! 🙌



About Me

Katie

- Hobbies
 - Gaming
 - Football (Go Bears!)
 - Reading
 - Learning
 - Doggos! 😊



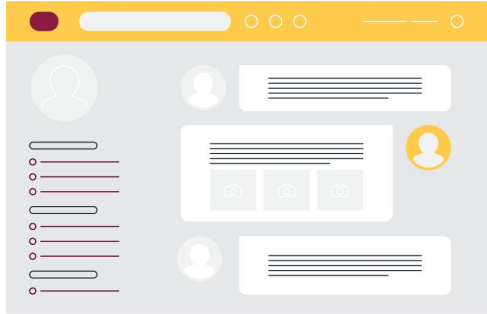
SI Session Expectations

Thanks for coming to the **SER 321** SI session. We have a packed agenda and we are going to try to get through as many of our planned example problems as possible. This session will be recorded and shared with others.

- If after this you want to see additional examples, please visit the drop-in tutoring center.
- We will post the link in the chat now and at the end of the session.
- Please keep in mind we are recording this session and it will be made available for you to review 24-48 hours after this session concludes.
- Finally, please be respectful to each other during the session.

Interact with us:

Zoom Features



Zoom Chat

- Use the chat feature to interact with the presenter and respond to presenter's questions.
- Annotations are encouraged.

*Remember: Arizona uses MST **all year***

SER 321

Session Schedule

Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday

10:00 - 11:00 AM <i>MST</i>
7:00 - 8:00 PM <i>MST</i>
7:00 - 8:00 PM <i>MST</i>

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Slack Overview

The screenshot shows a Slack interface for the 'Arizona St...' workspace. The left sidebar contains navigation options: Home, DMs, Activity, Later, Templates, and Automations. The main panel displays the '# si-channel' with a message from Katie Grinnell. The 'Bookmarks' tab in the top bar is highlighted with a yellow box. The message content includes a greeting, an announcement of Katie's role as SI Leader, a list of session details, and a closing statement.

Search Arizona State University

Arizona St...

2X 2025SpringB-X-SER321-15:

Home

DMs

Activity

Later

Templates

Automa...

More

Unreads

Threads

Huddles

Drafts & sent

External Connections

Starred

si-channel

Channels

assignment6

assignment5

assignment4

assignment3

assignment2

assignment1

announcements

general

random

studentemployment_w...

ugta-team

Add channels

Direct messages

si-channel

Messages Resources **Bookmarks** +

Yesterday

Katie Grinnell 11:32 AM

Hi Everyone! 🙋

My name is Katie and I am excited to announce that I will be your SI Leader for this semester for SER 321!

SI stands for Supplemental Instruction and I will be holding three, one-hour SI sessions weekly. During these sessions we will review content, do practice problems, learn study skills, and so much more! I will be here to help you all along your studying journey for SER 321. I can't wait to get to know you and study together!

- Our sessions will be held starting **Thursday, March 20th** (unless otherwise told):
 - Tuesdays, 10:00-11:00 am MST, ONLINE
 - Thursdays, 7:00-8:00 pm MST, ONLINE
 - Sundays, 7:00-8:00 pm MST, ONLINE
- Zoom Link for all sessions (unless otherwise told):
 - <https://asu.zoom.us/j/89993693944>
 - You can also use the **Join Session!** button in the bookmarks bar above 🙋
- Google Sheet for all Session Recordings:
 - [Spreadsheet](#)
 - You can also use the **Recordings** button in the bookmarks bar above 🙋
 - To access this link, you will need to be signed into your [ASU Gmail Account](#)

Let me know if you have any questions! See you at the next SI Session!

1

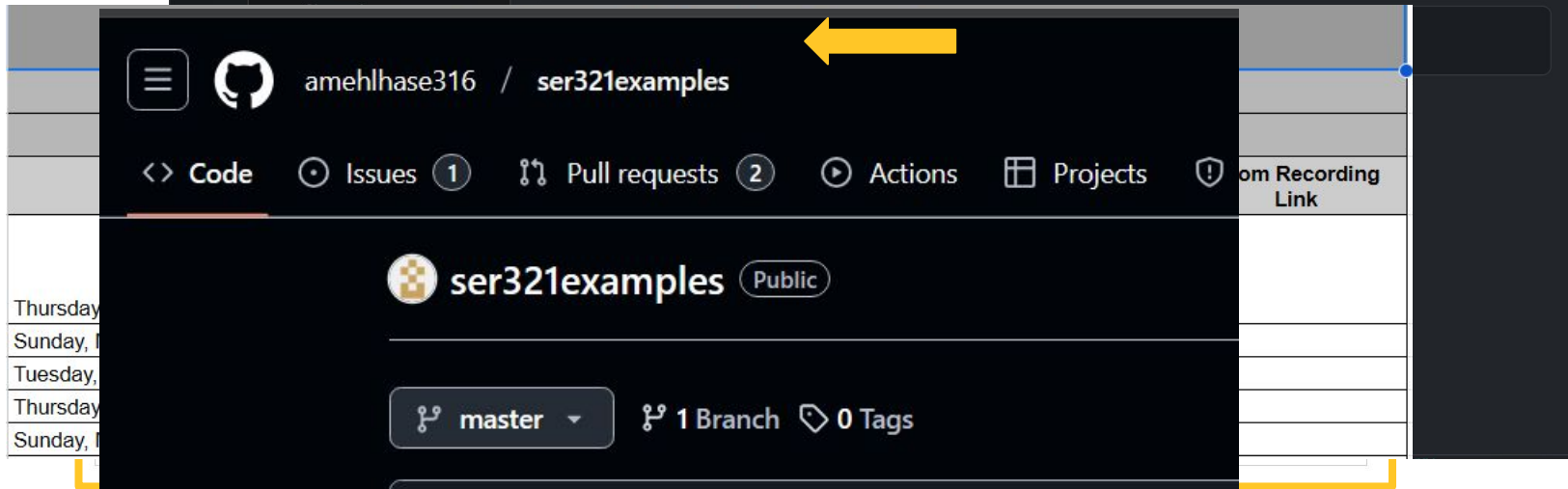
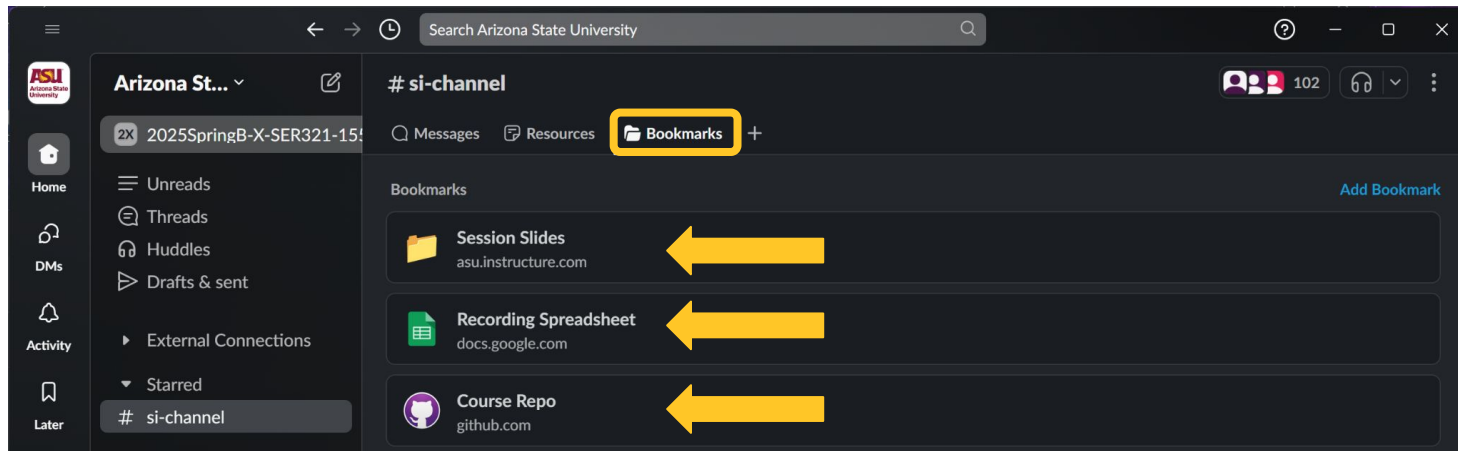
B I

Message #si-channel

+ Aa

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Slack Overview



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Slack Overview

The screenshot shows the Slack interface for the workspace "Arizona St...". The left sidebar contains navigation options: Home, DMs, Activity, Later, Templates, Automa..., and More. The main channel list on the left includes "2X 2025SpringB-X-SER321-15...", "Unreads", "Threads", "Huddles", "Drafts & sent", "External Connections", "Starred", and "# si-channel" (which is selected). Below these are various other channels like "# assignment6", "# assignment5", "# assignment4", "# assignment3", "# assignment2", "# assignment1", "# announcements", "# general", "# random", "# studentemployment_w...", "# ughta-team", and "Add channels". At the bottom of the sidebar is a "Direct messages" section.

The main content area displays the "# si-channel" channel. The top bar shows the channel name, a search bar with "Search Arizona State University", and a header with "102" members and a "Resources" tab. The "Resources" tab is active, showing a list of links:

- [Course Repo](#)
- [Gradle Documentation](#)
- [GitHub SSH Docs](#)
- [Linux Man Pages](#)
- [OSI Interactive](#)
- ...

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Making a Request

1. Post in the Canvas Discussion Board
2. Post in the #si_channel
3. Send me a DM on Slack

DEV-2025Spring-SER321-03-SI > Discussions

2025 DEV

Home

Announcements

Modules

Discussions

Syllabus

Files

All

Search by title or author...

+ Add Discussion

Settings

▼ Pinned Discussions

Make a Request!

▼ Discussions

Ordered by Recent Activity

B I

Message #si_channel

I cannot cover assignments directly,
but I **can** cover related concepts.

Katie Grinnell

● Active

🕒 1:10 PM local time

💬 Message

🔊 Huddle



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Tips for Success!

If a PDF is required,
COMPLETE IT AS YOU MAKE PROGRESS!

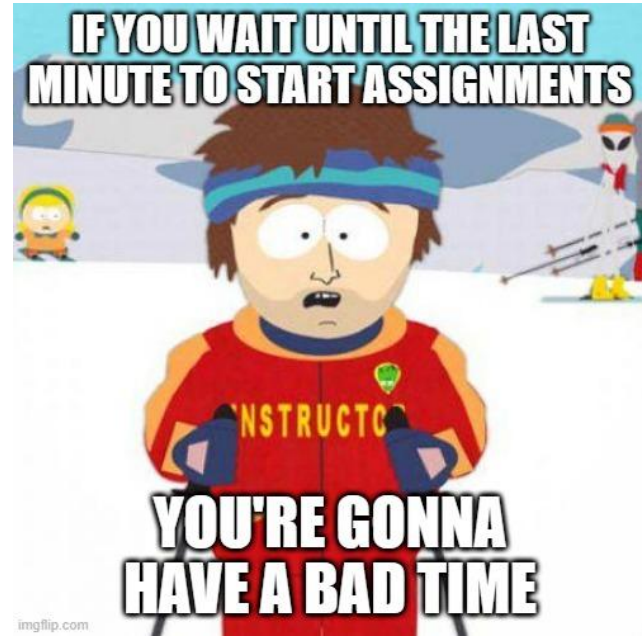
- Start assignments ASAP
 - Read the entire document first!
 - Be sure to checkout the Assignment Helper Docs!
 - Try to group related requirements into sections
- Commit ***a lot***
- Use the [Course Repo](#) - it's there for a reason!
- Monitor the slack channels!
- Ask questions!



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Tips for Success!

**START
ASSIGNMENTS
ASAP**

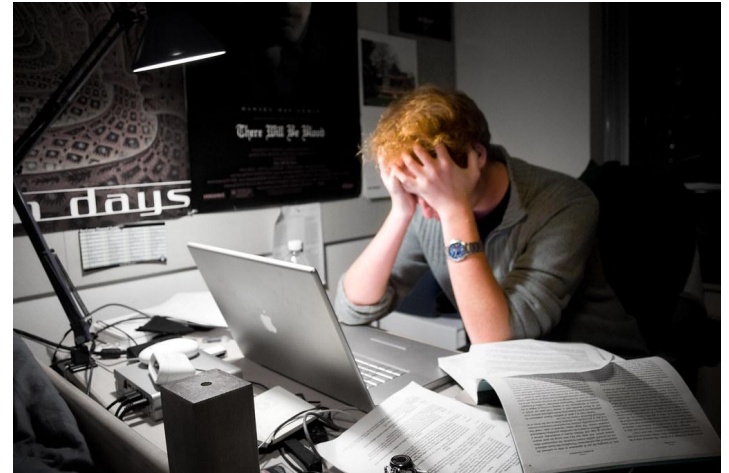


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Tips for Success!

Troubleshooting Skills are **HUGE**

Looking to find the *balance*



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Tips for Success!

Be sure to watch the [Distributed Systems Intro Videos](#)

Collapse All

▸ Welcome

Complete All Items

▼ Intro and Review



Distributed Systems Intro and expectations



Review: Gradle, Command line



Review: Git/GitHub

2025 Spring B

Home

Announcements

Syllabus

Modules

Grades

Accessibility

ASU Course Policies

Time in AZ

Slack

Honorlock ASUO

After Hours Tutoring

ASU Tutoring

Assignments

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Tips for Success!

Watch the [Gradle Canvas Videos!](#)

Videos cover:

- Build Structure
- Plugins
- Tasks
- Commands (build, clean, run, and test)
- Arguments

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Setup

You will need ***two*** systems

Your MAIN device



Secondary Device

AWS EC2 Instance

Linux VM



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Setup

[Follow the Setup guide in Canvas](#)

Both systems *need...*

Java 22

Gradle 8.10.2

[User Guide](#)

GIT

[SSH Guide](#)

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Gradle Examination

```
8  ▶ task SocketServer(type: JavaExec) {  
9      group 'TCP Server/Client'  
10     description 'Creates Server socket waits for up to 3 messages'  
11  
12     classpath = sourceSets.main.runtimeClasspath  
13  
14     main = 'SockServer'  
15 }
```

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Gradle Examination

Tasks runnable from root project

Build tasks

`assemble` - Assembles the outputs (

`build` - Assembles and tests this

`buildDependents` - Assembles and t

`buildNeeded` - Assembles and tests

`classes` - Assembles main classes.

`clean` - Deletes the build directo

`jar` - Assembles a jar archive con

`testClasses` - Assembles test clas

Build Setup tasks

`init` - Initializes a new Gradle b

`updateDaemonJvm` - Generates or up

`wrapper` - Generates Gradle wrapper

Documentation tasks

`javadoc` - Generates Javadoc API documentation for the 'main' feature.

Help tasks

`buildEnvironment` - Displays all buildscript dependencies declared in root project 'JavaSimpleSock2'.

`dependencies` - Displays all dependencies declared in root project 'JavaSimpleSock2'.

`dependencyInsight` - Displays the insight into a specific dependency in root project 'JavaSimpleSock2'.

`help` - Displays a help message.

`javaToolchains` - Displays the detected java toolchains.

`outgoingVariants` - Displays the outgoing variants of root project 'JavaSimpleSock2'.

`projects` - Displays the sub-projects of root project 'JavaSimpleSock2'.

`properties` - Displays the properties of root project 'JavaSimpleSock2'.

`resolvableConfigurations` - Displays the configurations that can be resolved in root project 'JavaSimpleSock2'.

`tasks` - Displays the tasks runnable from root project 'JavaSimpleSock2'.

TCP Server/Client tasks

`SocketClient` - Creates client socket sends a message and number to server

`SocketServer` - Creates Server socket waits for up to 3 messages

Verification tasks

`check` - Runs all checks.

`test` - Runs the test suite.

Rules

Pattern: `clean<TaskName>`: Cleans the output files of a task.

[Sockets/JavaSimpleSock2](#)

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Gradle Examination

*Check out the recording
for the discussion!*

```
8  ▶ task SocketServer(type: JavaExec) {  
9  → group 'TCP Server/Client'  
10 → description 'Creates Server socket waits for up to 3 messages'  
11  
12 → classpath = sourceSets.main.runtimeClasspath  
13  
14 → main = 'SockServer'  
15 →
```

TCP Server/Client tasks

SocketClient - Creates client socket sends a message and number to server

SocketServer - Creates Server socket waits for up to 3 messages

Check out the recording for the solution and discussion!

[Sockets/JavaSimpleSock2](#)

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Gradle

Which if statement will execute with
gradle SocketClient -Phost=localhost -Pnumber=5 ?

```
if (project.hasProperty("host") && project.hasProperty("message") && project.hasProperty("number")) {  
    args(project.getProperty('host'),  
        project.getProperty('message'),  
        project.getProperty('number'));  
} else if (project.hasProperty("host") && project.hasProperty("message")) {  
    args(project.getProperty('host'),  
        project.getProperty('message'));  
} else if (project.hasProperty("host") && project.hasProperty("number")) {  
    args(project.getProperty('host'),  
        "Set by Gradle, since nothing provided: https://gph.is/2y76sj4",  
        project.getProperty('number'));  
} else if (project.hasProperty("host")) {  
    args(project.getProperty('host'));  
}
```

A.

B.

C.

D.

SER 321

Scratch Space

Upcoming Events

SI Sessions:

- Sunday, March 23rd at 7:00 pm MST
- Tuesday, March 25th at 10:00 am MST
- Thursday, March 27th at 7:00 pm MST

Review Sessions:

- TBD

Questions?

Survey:

<https://asuasn.info/ASNSurvey>



More Questions?

Check out our other resources!

tutoring.asu.edu



Academic Support

Academic Support Network (ASN) provides a variety of free services in-person and online to help currently enrolled ASU students succeed academically.

Services



Subject Area Tutoring

Need in-person or online help with math, science, business, or engineering courses? Just hop into our Zoom room or drop into a center for small group tutoring. We'll take it from there.

[Need help using Zoom?](#)

[View the tutoring schedule](#)

[View digital resources](#)

Go to Zoom



Writing Tutoring

Need help with undergraduate or graduate writing assignments? Schedule an in-person or online appointment, access your appointment link, or wait in our drop-in queue.

[Access your appointment link](#)

[Access the drop-in queue](#)

Schedule Appointment



Online Study Hub

Join our online peer communities to connect with your fellow Sun Devils. Engage with our tools to search our bank of resources, videos, and previously asked questions. Or, ask our Tutorbot questions.

Now supporting courses in Math, Science, Business, Engineering, and Writing.

Online Study Hub

1-

Go to Zoom

2-

[Need help using Zoom?](#)

[View the tutoring schedule](#)

[View digital resources](#)



1. Click on 'Go to Zoom' to log onto our Online Tutoring Center.
2. Click on 'View the tutoring schedule' to see when tutors are available for specific courses.

More Questions?

Check out our other resources!

tutoring.asu.edu/online-study-hub

 **Academic Support Network**

Services Faculty and Staff Resources About Us

University College

Online Study Hub

Online peer communities for students and tutors, YouTube channels, and Tutorbots.



What are online peer communities?

Individual courses have an online peer community that allows you to connect with your peers to post and answer questions and to develop study groups.



How can tutoring center videos help?

Videos can help supplement the learning you're doing in and outside of class and include step-by-step methods for how to understand concepts.



How does the Tutorbot work?

You can ask the Tutorbot questions about course concepts and the Tutorbot will recommend additional resources and examples to help address your questions.

Select a subject

- Any -

Apply



Academic Support Network



Services

Faculty and Staff Resources

About Us

University College

Select a subject

- Any -

Apply

Business

ACC 231

Uses of Accounting Info I

Peer Community

ACC 241

Uses of Accounting Info II

Peer Community

CIS 105

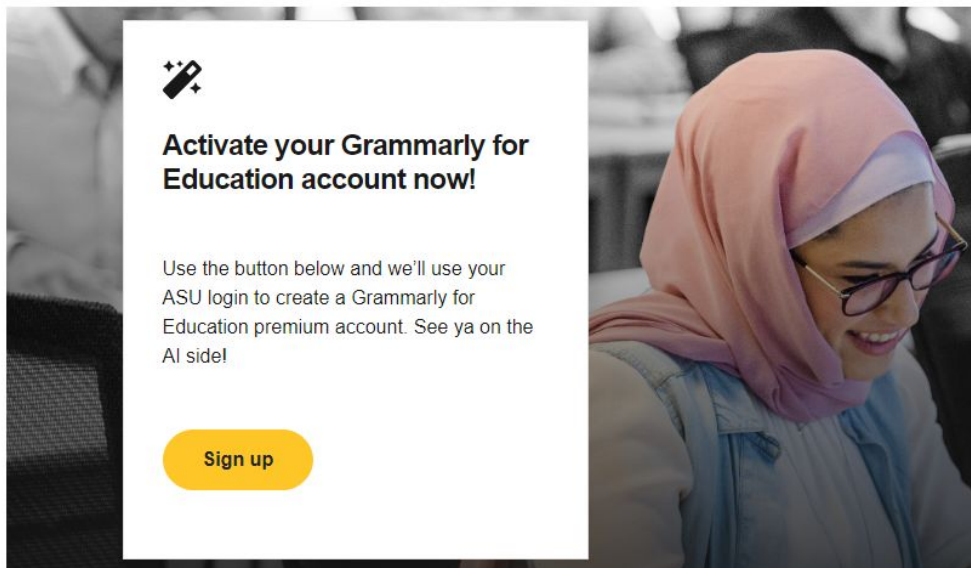
Computer Applications and Information Technology

Peer Community

Don't forget to check out the Online Study Hub for additional resources!

Expanded Writing Support Available

Including Grammarly for Education, at no cost!



tutoring.asu.edu/expanded-writing-support

*Available slots for this pilot are limited

Additional Resources

- [Course Repo](#)
- [Gradle Documentation](#)
- [GitHub SSH Help](#)
- [Linux Man Pages](#)
- [OSI Interactive](#)