Recent Announcements

Welcome to the Spring 2025 Cloud Infrastructure Class! (https://canvas.cmu.edu/courses/45143/discussion_topics/694784)

Dear Students,   It's my pleasure to welcome you to 14-848 Cloud Infrastructure! I eagerly anticipate our first meeting on Tuesday. Before then, I invite you to share some insights through a brief survey. Your responses will greatly aid in tailoring my support for you this semester. The survey is confidential—no personal details are collected, though you will need to log in with your @andrew.cmu.edu email. Please complete it at your earliest convenience.   In preparation for our course, we're initiating with a practical task. Your first assignment, available now, involves setting up your work environment and preparing for future assignments on GitHub. While it's not due until January 22nd, early engagement is advised.   Furthermore, I encourage you to: Enroll in our TopHat course using the code found on the Canvas homepage. Review the syllabus for information on submissions, regrade requests, and our academic integrity policy. Familiarize yourself with the schedule for Office Hours and Piazza on the course homepage. Acquaint yourself with the location of our in-person Office Hours. Additionally, please join our Student Slack Workspace and the Course Piazza. You can find all the links on Canvas under the Modules section. These platforms are excellent resources for collaboration and addressing any questions you might have. Once again, welcome aboard! I look forward to a productive and enriching semester with all of you. Best,Mohamed

Posted on:

Jan 12, 2025, 7:25 PM

The main goal of this course is to provide you with an enjoyable learning experience and I will be glad to help you throughout this semester with all what I can.

- The course syllabus can be found under the Syllabus section or the Modules section. Please check it out!
- We will meet on **Tuesday/Thursday 03:30 - 04:50PM ET / 12:30 - 01:50PM PT** for lectures. Lectures are offered in-person only.
- Quizzes are released at the end (or during) every **lecture on Canvas** and they are available **for 2-3 minutes** so plan to be there on-time. Each quiz has an access code that will be given during the lecture for those who are attending the lecture. Each quiz will have a unique passcode. We will start our quizzes in lecture-2.
  - Please note that you are not allowed to share Quiz Access Code with your peers who didn't attend the class in-person without a pre-approval from the instructor. Sharing the quiz access code, without instructor's approval, is considered an academic integrity violation.

- **Final Exam is scheduled on April 24th during lecture time.**
  - **The final exam will be held via Lockdown Browser, an approved tool by the University.**
  - **Students can waive their final exam (and receive full score in it) if they obtain TWO of the following certifications listed below. Unfortunately, students will have to carry the expense for getting these certifications. These certifications must be obtained and submitted at least one week before the final exam:**
    - **Google Cloud: Associate Cloud Engineer** ⊞ **(https://cloud.google.com/learn/certification/cloud-engineer)**
    - **AWS Certified Solutions Architect – Associate** ⊞ **(https://aws.amazon.com/certification/certified-solutions-architect-associate/)**
    - **Microsoft Certified: Azure Developer Associate** ⊞ **(https://learn.microsoft.com/en-us/certifications/azure-developer/)**
    - **GCP Professional Data Engineer** ⊞ **(https://cloud.google.com/learn/certification/data-engineer)**
    - **AWS Certified Data Engineer - Associate** ⊞ **(https://aws.amazon.com/certification/certified-data-engineer-associate/)**
    - **Microsoft Azure Data Engineer Associate** ⊞ **(https://learn.microsoft.com/en-us/credentials/certifications/azure-data-engineer/)**
    - **Certified Kubernetes Application Developer** ⊞ **(https://www.cncf.io/training/certification/ckad/)**
- **Our TA Team (sorted alphabetically):**
  - Benjamin Zhang: **hanxiz@andrew.cmu.edu (mailto:hanxiz@andrew.cmu.edu)**
  - Qianhui Long: **qianhuil@andrew.cmu.edu (mailto:qianhuil@andrew.cmu.edu)**
  - Yung-Lin Hsieh: **yunglinh@andrew.cmu.edu (mailto:yunglinh@andrew.cmu.edu)**
- Office Hours (Zoom and In-person) aim to help you find the path to maximize your learning experience. Getting the answers from the TA directly won't help you learn so there won't be direct solutions provided to you during Office Hours. The main goal of the office hours is to give you some ideas and pointers to debug and trace issues.
  - Please use the OH Queue to register your arrival at the OH when you join: **https://ohq.eberly.cmu.edu/#/ (https://ohq.eberly.cmu.edu/#/)**
- Please don't plan to spend more than 10 minutes in your conversation with the TA. If the TA feels you are not prepared to talk about the code or that you seem to be using a draft code from somewhere else and you didn't put sufficient effort of researching and investigating the issue before coming to the Office Hours, the TA will respectfully give you ideas and move to help another student.
- In-Person and Zoom Office Hours schedule is shown below.

Days/Timeframes	11:30am-12:30pm ET	12:30-1:30pm ET	1-2pm ET	2-3pm ET	3-4pm ET	5:15-6:15pm ET	9-10pm ET
Monday	Mohamed			Qianhui			Benjamin
Tuesday				Qianhui			Benjamin
Wednesday	Mohamed			Qianhui	Qianhui	Benjamin	Benjamin
Thursday				Qianhui / Benjamin		Qianhui	Benjamin
Friday				Qianhui			

OH Schedule (Zoom/In-person)

🟧	Instructor Office Hours - Conducted remotely via Zoom - URL can be found on Canvas
🟦	TA Office Hours - Conducted remotely via Zoom - URL can be found on Canvas
⬜	In-Person OHs (PIT) - Held at the INI Building (4616 Henry St.) - Conference Room A117 (Use Winthrop St. entrance)
🟩	In-Person OHs (SV) - Held at Room 107 - Pay attention to Thursday in-person OH at SV and its co-hosting nature with Zoom OH

- Note the location for the in-person OHs and message the TA if you have a problem accessing the room.
- Remote Office Hours Zoom URL:
  - Mohamed Farag's OHs (all remote): **https://cmu.zoom.us/j/94117627561?pwd=mmJpBtiI76BwNQUDZ4KUdWoFbRpvOa.1** ↪ **(https://cmu.zoom.us/j/94117627561?pwd=mmJpBtiI76BwNQUDZ4KUdWoFbRpvOa.1)** **(https://cmu.zoom.us/j/94117627561?pwd=mmJpBtiI76BwNQUDZ4KUdWoFbRpvOa.1)**
  - TA remote OHs (in-person OHs won't have Zoom component): **https://cmu.zoom.us/j/92004227250?pwd=YnpiTW1qSXdscWRvbWYzd2t0elptQT09** ↪ **(https://cmu.zoom.us/j/92004227250?pwd=YnpiTW1qSXdscWRvbWYzd2t0elptQT09)**
- The course slides are delivered via **TopHat during the lecture time.** Unannotated slides will be available via the **Modules** section on **Canvas**.
- Course materials can be found under **Modules** section while you can post your question(s) on **Piazza**.
- TAs will conduct OHs on Piazza to respond to your inquiries/questions asynchronously. The Piazza OHs schedule is shown below. Please note that TAs will respond to inquiries/questions made *before* the Piazza OHs start time. Questions and inquiries that are made during the OHs time slot are not guaranteed to be answered in the same time slot.
  - For example, if the schedule shows Piazza OHs 10am-11am, the TA main goal will be to respond to inquiries made before 10am. If you ask a question at 10:55am, your question may not be answered during this time slot and it might be delayed till the next available Piazza OHs.

Piazza OHs						
	9:30-10:30am ET	11am-12pm ET	2-3pm ET	3:30-4:30pm ET	5-6pm ET	8-9pm ET	10:30-11:30pm ET
Monday			Benjamin				
Tuesday					Qianhui		
Wednesday	Qianhui					Yung-Lin	
Thursday				Benjamin			Yung-Lin
Friday		Qianhui					
Saturday				Benjamin			

- Students can interact among each other or find a project peer using the Slack workspace. You can join the workspace using the URL under the Modules section.
- **TopHat** Join Code is **375160**
  - You can create Free TopHat account using your **@andrew.cmu.edu** email on TopHat website **https://app.tophat.com/ (https://app.tophat.com/)**
  - Make sure your TopHat account has your first/last name
- **Students who have approved accommodations shall contact the course instructor ASAP to figure out how the instructor can meet their needs.**
- Based on the Student Affairs recommendation for guiding students who may be absent for more than a few classes due to a personal issue (injury/illness or other), the student affairs recommend that students either contact the office of disability resources (particularly if it may be an extended issue) or fill out a CMU cares referral form for the student to get them in touch with a student affairs liaison. The student can also be advised to fill out the form on their own behalf if they are seeking guidance on an issue they are dealing with. Here is the form: **https://www.cmu.edu/wellbeing/resources/student-support-resources.html (https://www.cmu.edu/wellbeing/resources/student-support-resources.html)**

- **[(https://www.cmu.edu/wellbeing/resources/student-support-resources.html)](https://www.cmu.edu/wellbeing/resources/student-support-resources.html) Refer to the [course syllabus (https://canvas.cmu.edu/courses/45143/files/12255208/download)](https://canvas.cmu.edu/courses/45143/files/12255208/download) for important information on late assignment submission, regrade requests and academic integrity.**