

To: ITS Network and Cyber Security Group

From: Peter Heller

Date: December 06, 2025

Subject: Requirements for Monitoring and Setup During CSCI 331 Exam on December 11, 2025

Dear ITS Network and Cyber Security Team,

I am requesting your support to implement guardrails for ensuring academic integrity during the CSCI 331 exam on December 11, 2025, in rooms ITS-PH212 and ITS-PH208.

The goal is to detect and prevent cheating involving external tools, while permitting legitimate actions such as downloading and uploading exam files via BrightSpace.

Below, I outline the proposed monitoring measures (**Sunny Chan had done this in Spring 2025, and the baton has been passed to Leighton Brown**), implementation details, and setup requirements for the exam computers.

Please note the classes seat assignments for the examination are attached below .

Proposed Monitoring and Anti-Cheating Measures

To catch unauthorized activities, I request collaboration to implement the following tracking and restrictions on the exam-room computers (ITS-PH212 and ITS-PH208) during the exam window (December 11, 2025, from 8:45 AM to 12:15 PM):

- **Browser and Internet Usage Monitoring:** Track access to external sites like Google, email services (e.g., Gmail, Outlook), or any non-approved web resources. Flag any attempts to open more than one browser tab during the exam.
- **File Upload and Download Tracking:** Monitor all file uploads/downloads, including legitimate test files from/to BrightSpace. Log any suspicious transfers to or from external drives, cloud storage, or unauthorized locations.
- **Recycle Bin and File Deletion Access:** Monitor access to the recycle bin to detect deletions of notes, screenshots, or other prohibited materials.
- **General Restrictions:** Block or flag use of AI tools (e.g., ChatGPT via browser), email clients, note-taking apps, or any external communication during the exam window except for BrightSpace.
- **Implementation Notes:** These measures should be enforced via network policies, software agents, or monitoring tools. Define thresholds for alerts (e.g., automatic notifications to proctors) while ensuring compliance with privacy policies. Real-time logging and post-exam audits would be helpful if cybersecurity resources are involved.

If additional cybersecurity expertise is needed, please advise on setup for real-time logging and audits.

Technical Setup Requirements (has been implemented by Robert Lau)

Please prepare the exam computers in ITS-PH212 (32 computers) and ITS-PH208 (24 computers) with the following:

- Install and configure Docker Desktop on all computers.
- Place the database backup file and instructions in <c:\csci331-backup>.

- Install DBeaver Enterprise using the trial license. Please fill out the form for the trial license as needed.
- Ensure students can log in with their CAMS accounts. If issues arise, direct them to <https://apps.qc.cuny.edu/ams> for resets.

I am providing assigned seating details (including Name, ITS-RoomNumber-ComputerNumber) for posting in the rooms.

Class 09:15 AM

Seat	1	2	3	4	5	6	7	8
row 1	jasmanpreet.singh68	prachidas.purkaystha72	mateo.chimbo36	izaz.chowdhury31	azmain.abrar41	wayne.simmons89	seeram.govindan77	christopher.vidal36
row 2	fakirha.kamal71	haiyan.wei41	ridhwan.ibrahim52	joseph.uwaga68	michael.cipriani35	zarrin.cherry23	unsa.chaudhry75	giorgos.stefanis57
row 3	bikash.shrestha29	ahsan.khan12	umarfaruq.mainuddin61	hasan.hussein100	hali.ding72	eusan.mahatab39	rahat.moktadir26	Blank seat
row 4	shiwlee.rahman36	kyrilous.nasr74	theophilus.bassaw45	jacelin.gomez36	youlun.wang78	dominik.kasza28	aflaha.siddiqui87	sameeha.kamal26

EMPLID	Username	Room Seat	Understanding the rules for the exam
23726068	jasmanpreet.singh68	ITS-PH212-01	
23967272	prachidas.purkaystha72	ITS-PH212-02	
24108236	mateo.chimbo36	ITS-PH212-03	
24308131	izaz.chowdhury31	ITS-PH212-04	
23486541	azmain.abrar41	ITS-PH212-05	
24283489	wayne.simmons89	ITS-PH212-06	
24357775	unsa.chaudhry75	ITS-PH212-15	
24580757	giorgos.stefanis57	ITS-PH212-16	
24505029	bikash.shrestha29	ITS-PH212-18	
24195412	ahsan.khan12	ITS-PH212-19	
23499652	ridhwan.ibrahim52	ITS-PH212-11	
24169168	inventh.issaresha68	ITS-PH212-22	
24441672	hali.ding72	ITS-PH212-22	
24023539	eusan.mahatab39	ITS-PH212-23	
24188226	rahat.moktadir26	ITS-PH212-24	
00000000	Blank seat	ITS-PH212-25	
23376736	shiwlee.rahman36	ITS-PH212-17	
24179374	kyrilous.nasr74	ITS-PH212-26	
23521845	theophilus.bassaw45	ITS-PH212-27	
24320536	jacelin.gomez36	ITS-PH212-28	
23081678	youlun.wang78	ITS-PH212-29	
24181628	dominik.kasza28	ITS-PH212-30	
23627787	aflaha.siddiqui87	ITS-PH212-31	
23840126	sameeha.kamal26	ITS-PH212-32	

Class 10:45 AM

Seat	1	2	3	4	5	6	7	8
row 1	nadia.islam45	Blank seat	yousuf.ahmed99	Blank seat	htookaung.lynn71	esfar.rakin33	fahim.tanvir48	sayantan.saha56
row 2	aditya.dwivedi78	mret.hein65	renzo.salazarcueva60	mdismail.hossain93	bryan.sanchez813	Blank seat	mohammad.mustafa32	gabriel.zamora35
row 3	devak.mehta74	mohab.hussein95	ilya.yahoshchankau54	adrian.angeles20	ranjan.bhattarai26	justin.zara41	alexander.bulatao40	
Teacher Seat	deep.thakkar68							

EMPLID	Username	Room Seat	Signature understanding the rules for the exam
24226645	nadia.islam45	ITS-PH208-01	
	Blank seat	ITS-PH208-02	
24311299	yousuf.ahmed99	ITS-PH208-03	
	Blank seat	ITS-PH208-04	
24279671	htookaung.lynn71	ITS-PH208-05	
23946533	esfar.rakin33	ITS-PH208-06	
24173948	fahim.tanvir48	ITS-PH208-07	
24297756	sayantan.saha56	ITS-PH208-08	
24197578	aditya.dwivedi78	ITS-PH208-09	
23561265	mret.hein65	ITS-PH208-10	
24242760	renzo.salazarcueva60	ITS-PH208-11	
24359893	mdismail.hossain93	ITS-PH208-12	
24190813	bryan.sanchez813	ITS-PH208-13	
	Blank seat	ITS-PH208-14	
24205632	mohammad.mustafa32	ITS-PH208-15	
24096135	gabriel.zamora35	ITS-PH208-16	
24198674	devak.mehta74	ITS-PH208-17	
24313695	mohab.hussein95	ITS-PH208-18	
24556654	ilya.yahoshchankau54	ITS-PH208-19	
24201820	adrian.angeles20	ITS-PH208-20	
24403726	ranjan.bhattarai26	ITS-PH208-21	
24089541	justin.zara41	ITS-PH208-22	
24336540	alexander.bulatao40	ITS-PH208-23	
24137368	deep.thakkar68	ITS-PH208-25	

Please confirm setup completion by December 10, 2025. Let me know if you need any additional details or resources.

Best regards,

Peter Heller

Adjunct Lecturer, Computer Science Department

Peter.Heller@qc.cuny.edu

Student Instructions: CSCI 331 Exam Instructions and Rules

Exam Date: December 11, 2025

Rooms: ITS-PH212 and ITS-PH208

Time: [Class 09:15 room PH212 9:15 AM to 10:30 AM, Class 09:15 room PH208 10:45 AM to Noon]

Important: Zero Tolerance for Academic Integrity Violations

Dear Students,

This document outlines the rules, procedures, and technical instructions for the CSCI 331 exam. We maintain a zero-tolerance policy for academic integrity to ensure a fair testing environment. Violations will result in severe penalties, including a zero on the exam and potential academic sanctions. These rules will be posted in the exam rooms.

You will be informed of your assigned seat in advance, including your Name and ITS-RoomNumber-ComputerNumber (e.g., ITS-PH212-01). Please arrive early to locate your seat.

Exam Rules and Procedures

Adhere strictly to the following rules. I will enforce them, supported by monitoring tools.

1. Browser Usage Protocol:

- Use the browser **only twice** during the exam: First, to download the exam from BrightSpace. Immediately close the browser afterward.
- Work on the exam offline for the duration.
- At the end, reopen the browser solely to upload the completed exam to BrightSpace.
- Any deviation (e.g., additional tabs or sites) will be flagged as potential cheating.

2. Cellphone Policy (Critical):

- **All cell phones must be turned off** and placed inside your backpack or an equivalent bag. If you do not have a backpack or similar item, you may place your phone on the exam-room windowsill or face-up on your desk. Phones placed on the desk must remain face-up and unmoved for the entire duration of the exam. Any movement of the device will result in your being asked to leave under the zero-tolerance policy.
- **If a phone is found to be active at any time**—especially if it rings, vibrates, or makes any sound—you will be required to submit your exam immediately and will receive a zero for failing to follow instructions.
- No exceptions; devices will be checked at the start.

3. Seating Assignments:

- Sit only in your assigned seat, posted in the exam room.
- Seat identifiers: Name, ITS-RoomNumber-ComputerNumber (e.g., ITS-PH212-01 to ITS-PH212-32 for PH212; ITS-PH208-01 to ITS-PH208-24 for PH208).
- Seating layout:
 - **PH212 (32 computers)**: Row-based, with Computer 1 (**ITS-PH212-01 as the first in the first row, closest to the wall. Computer 8 is closest to the window.**)
 - **PH208 (24 computers)**: Row-based, with Computer 1 (**ITS-PH208-01 as the first in the first row, closest to the window. Computer 8 is closest to the wall.**)
- To view computer names without logging in: **Enter .** in the username field during login—the domain will display the computer name.

4. Explicit Prohibitions and Honor Code:

- No use of any AI tools, browser-based prompts, notes, or unauthorized resources.
- No email access or communication with others.
- Strict adherence to the honor code: Any violation may result in academic penalties.
- Proctors will enforce these rules, with monitoring tools as backup.

What Will Be Monitored

To ensure integrity, the following will be tracked on exam computers:

- Browser and internet usage (e.g., access to non-BrightSpace sites, multiple tabs).
- File uploads/downloads (e.g., suspicious transfers beyond exam files).
- Recycle bin access and file deletions.
- Use of restricted tools (e.g., AI, email, note-taking apps).

Logs may be reviewed post-exam for audits.

Submission Requirements

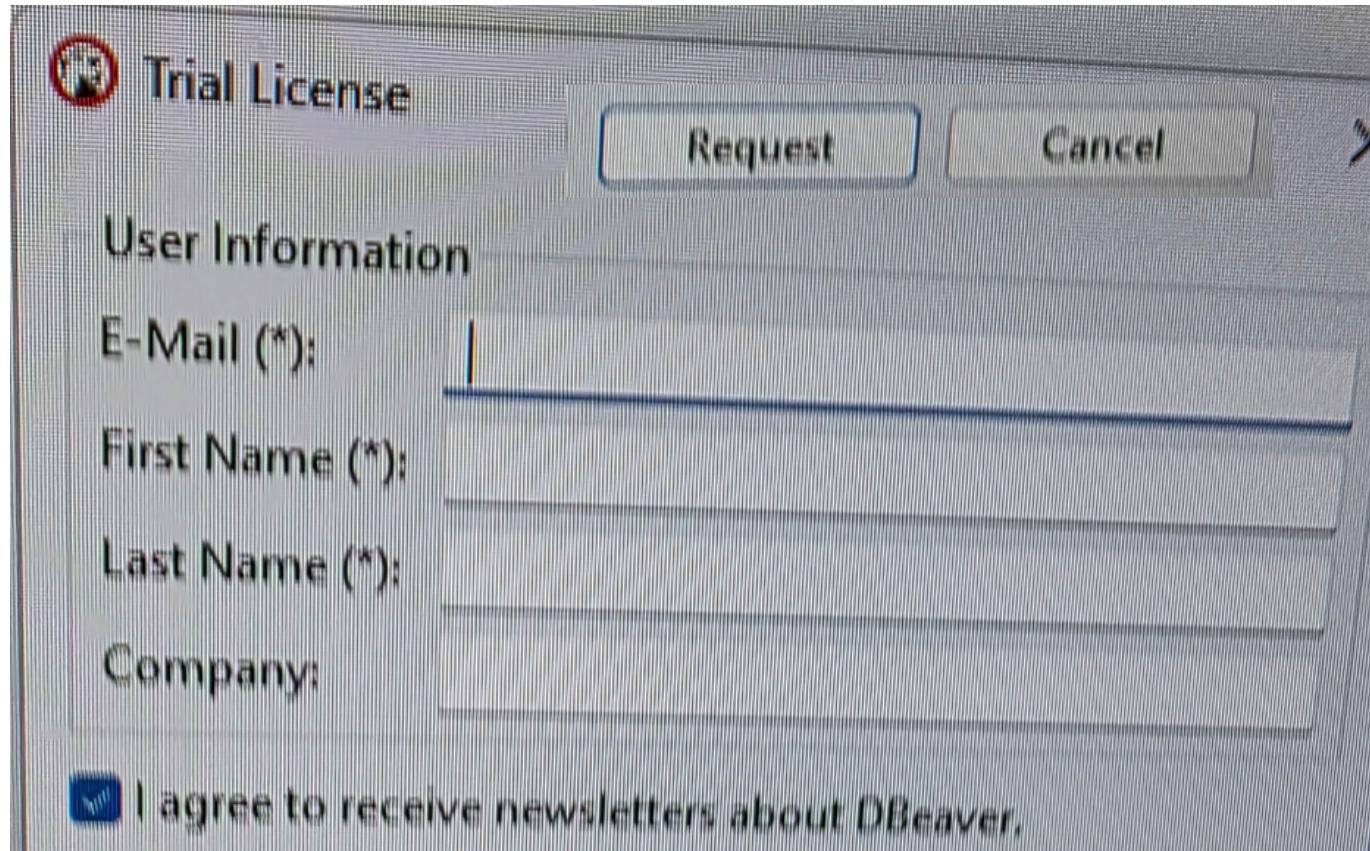
- **Submit your exam as a `.sql` file only. No `.ipynb` files accepted.**
- Azure Data Studio is not allowed for submission.
- Include your name and computer number in the exam file and as part of the submission filename (e.g., `LastName_FirstName_ITS-PH212-01.sql`).
- Failure to include name and computer number will result in a 40-point deduction.

Technical Setup Instructions for Docker and Database

Use these steps to set up Docker for database tasks. Instructions are in `c:\csci331-backup` on your computer.

DBeaver Enterprise

- DBeaver Enterprise is installed with a trial license. If prompted, fill out the form for the trial.



Docker Setup Steps

1. **Start Docker Desktop Application:** Launch the Docker Desktop app on the computer.
2. **Run the Docker Container Command:**

- Open a Command Window (CMD or PowerShell).
- Paste and execute the following command:

```
docker container run --name bckvolSql2k19 -p 13001:1433 -e  
"ACCEPT_EULA=Y" -e "MSSQL_AGENT_ENABLED=true" -e  
"SA_PASSWORD=PH@123456789" -e "MSSQL_DATA_DIR=/var/opt/mssql/data/" -e  
"MSSQL_LOG_DIR=/var/opt/mssql/log/" -e  
"MSSQL_BACKUP_DIR=/var/opt/mssql/backup/" -v //c/csci331-  
backup:/var/opt/mssql/backup -h csci331-server -d  
mcr.microsoft.com/mssql/server:2019-latest
```

Additional Terminal Commands (for Troubleshooting)

- List all containers: `docker container ls -a`
- Access the container bash (as root): `docker exec -u 0 -it bckvolSql2k19 bash`
- Navigate to backup directory: `cd /var/opt/mssql/backup/`
- Navigate to MSSQL directory: `cd /var/opt/mssql`
- Set permissions: `chmod -R 777 /var/opt/mssql`

SSMS Database Credentials

- **Server Address:** `localhost,13001`
- **Username:** `sa`
- **Password:** `PH@123456789`

Additional Preparation

- Ensure you know your CAMS account username and password for login. Reset at:
<https://apps.qc.cuny.edu/ams> if needed.

If you have questions, contact me before the exam. Good luck!

Best regards,
Peter Heller
Adjunct Lecturer, Computer Science Department
Peter.Heller@qc.cuny.edu