

Addendum

Semester: **Summer 2025**

Subject Code: **CSP451**

Section:

Subject Title: **Computer Systems Projects: Cloud Environments**

Professor: **David Chan**

Office:

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Ext.

Office Hours: **Fridays 4:00-4:30pm**

Please read this addendum to the general course outline carefully. It is your guide to the course requirements and activities.

Please refer to the course outline for learning outcomes, course description and text and materials.

Please also visit itas.senecacollege.ca for key information on courses, graduation requirements, transfer credit, and more from the School of Information Technology Administration and Security.

Assessment Summary

Assessment Topic	Percentage of Total Grade
	40%
Milestones x 3	30%
Demo Presentation x 1	10%
Final Evaluation Project x 1	10%
Management of budget allotment*	10%

Course Policies

In order to successfully pass this course, you need to comply with below:

1. Achieve a weighted average of 50% or better on the overall course

2. Achieve a weighted average of 50% or better for each Assessment
3. Achieve a weighted average of 50% or better for the final evaluation
4. Must satisfactorily complete **ALL** assigned coursework and assessments

Academic Policies:

<http://www.senecacollege.ca/about/policies/academics-and-student-services.html>

Winter 2025

Course Schedule

Week	Dates	Topic or Skill	Assessment	Weight
Week 1	May 5 - 9	Introduction to GitHub	CheckPoint 1	4.00%
Week 2	May 12 - 16	Introduction to Branches	CheckPoint 2	4.00%
Week 3	May 19 - 23	GitHub Collaboration Flow	CheckPoint 3	4.00%
Week 4	May 26 - 30	GitHub Actions Workflows	CheckPoint 4	4.00%
Week 5	Jun 2 - 6	Introduction to Azure Project	CheckPoint 5	4.00%
Week 6	Jun 9 - 13	Azure Resource Creation Using ARM	CheckPoint 6	4.00%
Week 7	Jun 16 - 20	Linux Router Firewall and iptables	CheckPoint 7	4.00%
Week 8	Jun 23 - 27	Study Week		
Week 9	Jun 30 - Jul 4	Azure Virtual Networks and Subnets	Demo Presentation	10%

Week 10	Jul 7 - 11	Azure Network Security Group	Milestone 1 and 2	20%
Week 11	Jul 14 - 18	Azure Enhanced Network Security and System Configuration	CheckPoint 8	4.00%
Week 12	Jul 21 - 25	Building Multi-Component Docker Applications	CheckPoint 9	4.00%
Week 13	Jul 28 - Aug 1	Advanced Docker and Azure Deployments	CheckPoint 10	4.00%
Week 14	Aug 4 - 8	Building and Deploying Multi-Component Docker Applications in Azure Environment	Milestone 3 and Final Evaluation	20.00%

Notes:

- Please refer to <https://students.senecapolytechnic.ca/spaces/135/important-academic-dates/wiki/view/13335/summer-2025-term> for the calendar

All assignment due dates and test dates are tentative and subject to change. Students will be notified of any changes in advance.

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