

CCGC 5001 – Virtualization Critical Path

Week#	Class Type	UNIT	Topics, Readings, and Activities
Week 1	LESSON	1	Virtualization Fundamentals
	LAB		
Week 2	LESSON	2	Virtualization Software
	LAB		
Week 3	LESSON	3	Intro to Containers
	LAB		
Week 4	LESSON	4	Image Creation, Management, and Registry
	LAB		
Week 5	LESSON	5	Persistent Storage Volumes Quiz: Wednesday, February 8, 2023
	LAB		
Week 6	LESSON	6	Container Networks
	LAB		
Week 7	LESSON	1-6 7 7	Midterm test: Wednesday, February 22, 2023 YAML Multi-container Apps
	LAB		
Reading Week (February 27 – March 3) – (No classes, College Open)			
Week 8	LESSON	8	Container Orchestration
	LAB		
Week 9	LESSON	9	Managing Apps with Kubernetes
	LAB		
Week 10	LESSON	9	Managing Apps with Kubernetes II
	LAB		
Week 11	LESSON	10	Apps in Production
	LAB		Lab to be used towards project

CCGC 5001 – Virtualization Critical Path

Week 12	LESSON	10	Apps in Production II
	LAB		Lab to be used towards project Project due: Friday, April 7, 2023
Week 13	LESSON	8-10	In-class Review
	LAB		Project: Presentations/Demos
Week 14	LESSON	1-10	Final exam: Wednesday, April 19, 2023
SUMMARY			WEIGHTAGE
Quiz			5
Midterm test			20
Labs/Assignments			25
Project			20
Final exam			30
TOTAL			100

Note: This critical path may change as resources and circumstances require.

Note: Late submissions for labs, assignments and projects have a 10% deduction per day up to 5 days (maximum 50% deduction). After 5 days, no points will be given.