



Schedule for (SCTP) Advanced Professional Certificate in Cloud Infrastructure Engineering - Cohort 12					Updated:	27 Aug 25		
	Date	Unit	Lesson Title	Start	End	Location		
CE1: IT Infrastructure Essentials			Key Topics: Week 1: Introduction to IT Infrastructure and Networks Week 2: Network Communications and Security Week 3: Server Administration Week 4: Network Security, High Availability & Disaster Recovery Week 5: Load Balancing Week 6: Databases and Cloud Migration	Start	End	Location		
		MON	5 Jan-26		Welcome + Introduction	19:00	21:00	Online Zoom
		TUE	6 Jan-26	1.1	Introduction to IT Infrastructure	19:00	22:00	Online Zoom
		WED	7 Jan-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
		THU	8 Jan-26	1.2	Networking Essentials	19:00	22:00	Online Zoom
		FRI	9 Jan-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
SAT	10 Jan-26	CW	Career Workshop #1 - Uncover Your Next Path: Career Discovery for Mid-Career Changers	10:00	13:00	NTU@One-north		
SUN	11 Jan-26							
MON	12 Jan-26							
TUE	13 Jan-26	1.3	Network Communications Protocol	19:00	22:00	Online Zoom		
WED	14 Jan-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
THU	15 Jan-26	1.4	Basic Security	19:00	22:00	Online Zoom		
FRI	16 Jan-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
SAT	17 Jan-26	CO	Technical Coaching	10:00	13:00	NTU@One-north		
SUN	18 Jan-26							
MON	19 Jan-26							
TUE	20 Jan-26	1.5	Servers Administration I	19:00	22:00	Online Zoom		
WED	21 Jan-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
THU	22 Jan-26	1.6	Servers Administration II	19:00	22:00	Online Zoom		
FRI	23 Jan-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
SAT	24 Jan-26	CO	Technical Coaching	10:00	13:00	NTU@One-north		
SUN	25 Jan-26							
MON	26 Jan-26							
TUE	27 Jan-26	1.7	Network Security	19:00	22:00	Online Zoom		
WED	28 Jan-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
THU	29 Jan-26	1.8	High Availability & Disaster Recovery	19:00	22:00	Online Zoom		
FRI	30 Jan-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
SAT	31 Jan-26	CO	Technical Coaching	10:00	13:00	NTU@One-north		
SUN	1 Feb-26							
MON	2 Feb-26	CW	Career Workshop #2 - Stand Out: Building a Powerful Professional Brand	19:00	22:00	Online Zoom		
TUE	3 Feb-26	1.9	Load Balancing	19:00	22:00	Online Zoom		
WED	4 Feb-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
THU	5 Feb-26	1.10	Database I	19:00	22:00	Online Zoom		
FRI	6 Feb-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
SAT	7 Feb-26	CO	Technical Coaching	10:00	13:00	NTU@One-north		
SUN	8 Feb-26							
MON	9 Feb-26							
TUE	10 Feb-26	1.11	Database II	19:00	22:00	Online Zoom		
WED	11 Feb-26		Assignment + Quiz + Self Study	19:00	22:00	Self study		
THU	12 Feb-26	1.12	Cloud Migration	19:00	22:00	Online Zoom		
FRI	13 Feb-26		Assignment + Module Quiz + Self Study	19:00	22:00	Self study		
SAT	14 Feb-26	CO	Technical Coaching	10:00	13:00	NTU@One-north		
SUN	15 Feb-26							
MON	16 Feb-26	PH	Eve of CNY					
TUE	17 Feb-26	PH	Chinese New Year Day 1					
WED	18 Feb-26	PH	Chinese New Year Day 2					
THU	19 Feb-26	PH	Chinese New Year Day 3					
FRI	20 Feb-26	PH	BREAK					
SAT	21 Feb-26	PH	BREAK					
SUN	22 Feb-26							
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Schedule for (SCTP) Advanced Professional Certificate in Cloud Infrastructure Engineering - Cohort 12						Updated:	27 Aug 25
	Date	Unit	Lesson Title	Start	End	Location	
CE2: Cloud Technologies Essentials and Architectural Design			Key Topics: Week 1: Principles in Cloud Architecture Design Week 2: Infrastructure as a Code Week 3: Database as a Service, IAM Week 4: Storage, Deployment as a Service Week 5 and 6: Security, Networking, Function as a Service Week 7: Serverless Architecture Week 8: Secret Management, Cost and Monitoring Week 9 and 10: Cloud Certification Training				
MON	23 Feb-26						
TUE	24 Feb-26	2.1	Principles in Cloud Arch. Design	19:00	22:00	Online Zoom	
WED	25 Feb-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
THU	26 Feb-26	2.2	Infrastructure as Code 1	19:00	22:00	Online Zoom	
FRI	27 Feb-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
SAT	28 Feb-26	CO	Technical Coaching	10:00	13:00	NTU@One-north	
SUN	1 Mar-26						
MON	2 Mar-26						
TUE	3 Mar-26	2.3	Infrastructure as Code 2	19:00	22:00	Online Zoom	
WED	4 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
THU	5 Mar-26	2.4	Infrastructure as Code 3	19:00	22:00	Online Zoom	
FRI	6 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
SAT	7 Mar-26	CO	Technical Coaching	10:00	13:00	NTU@One-north	
SUN	8 Mar-26						
MON	9 Mar-26						
TUE	10 Mar-26	2.5	Database as a Service	19:00	22:00	Online Zoom	
WED	11 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
THU	12 Mar-26	2.6	Identity Access Management	19:00	22:00	Online Zoom	
FRI	13 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
SAT	14 Mar-26	CO	Technical Coaching	10:00	13:00	NTU@One-north	
SUN	15 Mar-26						
MON	16 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
TUE	17 Mar-26	2.7	Storage	19:00	22:00	Online Zoom	
WED	18 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
THU	19 Mar-26	2.8	Deployment as a Service	19:00	22:00	Online Zoom	
FRI	20 Mar-26	PH	Hari Raya Puasa				
SAT	21 Mar-26	CO	Technical Coaching	10:00	13:00	NTU@One-north	
SUN	22 Mar-26						
MON	23 Mar-26	CW	Career Workshop #3 - Connecting with Purpose: Networking for Career Transitions	19:00	22:00	Online Zoom	
TUE	24 Mar-26	2.9	Security	19:00	22:00	Online Zoom	
WED	25 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
THU	26 Mar-26	2.10	Networking 1	19:00	22:00	Online Zoom	
FRI	27 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
SAT	28 Mar-26	CO	Technical Coaching	10:00	13:00	NTU@One-north	
SUN	29 Mar-26						
MON	30 Mar-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
TUE	31 Mar-26	2.11	Networking 2	19:00	22:00	Online Zoom	
WED	1 Apr-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
THU	2 Apr-26	2.12	Function as a Service	19:00	22:00	Online Zoom	
FRI	3 Apr-26	PH	Good Friday				
SAT	4 Apr-26	CO	Technical Coaching	19:00	22:00	NTU@One-north	
SUN	5 Apr-26						
MON	6 Apr-26						
TUE	7 Apr-26	2.13	Serverless Architecture 1	19:00	22:00	Online Zoom	
WED	8 Apr-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
THU	9 Apr-26	2.14	Serverless Architecture 2	19:00	22:00	Online Zoom	
FRI	10 Apr-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	
SAT	11 Apr-26	CO	Technical Coaching	10:00	13:00	NTU@One-north	
SUN	12 Apr-26						
MON	13 Apr-26						
TUE	14 Apr-26	2.15	Secret Management	19:00	22:00	Online Zoom	
WED	15 Apr-26		Assignment + Quiz + Self Study	19:00	22:00	Self study	



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THU	16 Apr-26	2.16	Cost and Monitoring	19:00	22:00	Online Zoom
FRI	17 Apr-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
SAT	18 Apr-26	CO	Technical Coaching	10:00	13:00	NTU@One-north
SUN	19 Apr-26					
MON	20 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
TUE	21 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
WED	22 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
THU	23 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
FRI	24 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
SAT	25 Apr-26	CO	Technical Coaching	10:00	13:00	NTU@One-north
SUN	26 Apr-26					
MON	27 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
TUE	28 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
WED	29 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
THU	30 Apr-26		Cloud Certification Self-Study	19:00	22:00	Self study
FRI	1 May-26	PH	Labour Day			
SAT	2 May-26	CO	Technical Coaching	10:00	13:00	NTU@One-north
SUN	3 May-26					
CE3: DevSecOps Essentials & System Monitoring Strategies			Key Topics: Week 1: Introduction to DevSecOps Week 2 and 3: Container Orchestration with ECS Week 4: Container Orchestration with EKS Week 5: Monitoring and Logging for Containers Week 6: Package Manager for Containers Week 7: Continuous Integration & Continuous Deployment Week 8: Architecture & Tool Review Week 9 and 10: Project Creation			
MON	4 May-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
TUE	5 May-26	3.1	Introduction to DevSecOps	19:00	22:00	Online Zoom
WED	6 May-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
THU	7 May-26	3.2	DevSecOps and Workflow	19:00	22:00	Online Zoom
FRI	8 May-26	CO	Technical Coaching	19:00	22:00	Online Zoom
SAT	9 May-26	CW	Career Workshop #4 - Crafting the Perfect Resume: Telling Your Unique Story	10:00	13:00	NTU@One-north
SUN	10 May-26					
MON	11 May-26					
TUE	12 May-26	3.3	Introduction to Container	19:00	22:00	Online Zoom
WED	13 May-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
THU	14 May-26	3.4	Container Orchestration with ECS Part 1	19:00	22:00	Online Zoom
FRI	15 May-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
SAT	16 May-26	CO	Technical Coaching	10:00	13:00	NTU@One-north
SUN	17 May-26					
MON	18 May-26					
TUE	19 May-26	3.5	Container Orchestration with ECS Part 2	19:00	22:00	Online Zoom
WED	20 May-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
THU	21 May-26	3.6	Package Vulnerability Scanning	19:00	22:00	Online Zoom
FRI	22 May-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
SAT	23 May-26	CO	Technical Coaching	10:00	13:00	NTU@One-north
SUN	24 May-26					
MON	25 May-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
TUE	26 May-26	3.7	Container Orchestration with EKS Part 2	19:00	22:00	Online Zoom
WED	27 May-26	PH	Hari Raya Haji			
THU	28 May-26	3.8	Container Orchestration with EKS Part 2	19:00	22:00	Online Zoom
FRI	29 May-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
SAT	30 May-26	CO	Technical Coaching	10:00	13:00	NTU@One-north
SUN	31 May-26	PH	Vesak Day			
MON	1 Jun-26	PH	Vesak Day Public Holiday			
TUE	2 Jun-26	3.9	Monitoring for Container	19:00	22:00	Online Zoom
WED	3 Jun-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
THU	4 Jun-26	3.10	Logging for Container	19:00	22:00	Online Zoom
FRI	5 Jun-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
SAT	6 Jun-26	CO	Technical Coaching	10:00	13:00	NTU@One-north



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SUN	7 Jun-26					
MON	8 Jun-26					
TUE	9 Jun-26	3.11	Package Manager for Container 1	19:00	22:00	Online Zoom
WED	10 Jun-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
THU	11 Jun-26	3.12	Package Manager for Container 2	19:00	22:00	Online Zoom
FRI	12 Jun-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
SAT	13 Jun-26	CO	Technical Coaching	10:00	13:00	NTU@One-north
SUN	14 Jun-26					
MON	15 Jun-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
TUE	16 Jun-26	3.13	CICD for Container 1	19:00	22:00	Online Zoom
WED	17 Jun-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
THU	18 Jun-26	3.14	CICD for Container 2	19:00	22:00	Online Zoom
FRI	19 Jun-26	CO	Technical Coaching	19:00	22:00	Online Zoom
SAT	20 Jun-26	CW	Career Workshop #5 - Ace the Interview and Beyond: From Preparation to Next Steps	10:00	13:00	NTU@One-north
SUN	21 Jun-26					
MON	22 Jun-26					
TUE	23 Jun-26	3.15	Architecture & Tool Review	19:00	22:00	Online Zoom
WED	24 Jun-26		Assignment + Quiz + Self Study	19:00	22:00	Self study
THU	25 Jun-26	3.16	Case Study & Capstone Prep	19:00	22:00	Online Zoom
FRI	26 Jun-26		Assignment + Module Quiz + Self Study	19:00	22:00	Self study
SAT	27 Jun-26	CO	Technical Coaching	10:00	13:00	NTU@One-north
SUN	28 Jun-26					
MON	29 Jun-26		Project	19:00	22:00	Self study
TUE	30 Jun-26		Project	19:00	22:00	Self study
WED	1 Jul-26		Project	19:00	22:00	Self study
THU	2 Jul-26		Project	19:00	22:00	Self study
FRI	3 Jul-26		Project	19:00	22:00	Self study
SAT	4 Jul-26		Project	10:00	13:00	Self study
SUN	5 Jul-26					
MON	6 Jul-26		Project	19:00	22:00	Self study
TUE	7 Jul-26		Project	19:00	22:00	Self study
WED	8 Jul-26		Project	19:00	22:00	Self study
THU	9 Jul-26		Project	19:00	22:00	Self study
FRI	10 Jul-26		Project	19:00	22:00	Self study
SAT	11 Jul-26	PP	Presentation	10:00	13:00	NTU@One-north
SUN	12 Jul-26					
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