NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE | **Centre for Professional and Continuing Education**

	Date	Unit	Lesson Title	F2F (NTU@ one-North)	Online Zoom	Mode of Delivery
Schedule for SCTP in Cloud Infrasctructure Engineering - Cohort 7					Updated:	23 Apr 24
CE1: IT Infrastructure Essentials			Key Topics: Week 1: Introduction to IT Infrastructure and Networks Week 2: Network Communications and Security Week 3: Operating Systems Week 4: Parts of a Computer Week 5: Servers Week 6: Best Practices for Networking			
MON	10 Jun-24		Welcome + Introduction		19:00 - 22:00	Virtual
TUE	11 Jun-24					
WED	12 Jun-24	1.1	Introduction to IT Infrastructure		19:00 - 22:00	Virtual
THU	13 Jun-24		Assignment + Quiz + Self Study			
FRI	14 Jun-24	1.2	Networking Essentials		19:00 - 22:00	Virtual
SAT	15 Jun-24		Assignment + Quiz + Self Study			
SUN	16 Jun-24					
MON	17 Jun-24	PH	Hari Raya Haji			
TUE	18 Jun-24		Assignment + Quiz + Self Study			
WED	19 Jun-24	1.3	Network Communications Protocol		19:00 - 22:00	Virtual
THU	20 Jun-24		Assignment + Quiz + Self Study			
FRI	21 Jun-24	1.4	Basic Network Security		19:00 - 22:00	Virtual
SAT	22 Jun-24	CO	Coaching	10:00 - 13:00		F2F
SUN	23 Jun-24					
MON	24 Jun-24	1.5	Operating Systems (Windows)		19:00 - 22:00	Virtual
TUE	25 Jun-24		Assignment + Quiz + Self Study			
WED	26 Jun-24	1.6	Operating Systems (Linux)		19:00 - 22:00	Virtual
THU	27 Jun-24	CW	Career Workshop #1: Fundamentals of Career Discovery		19:00 - 22:00	Virtual
FRI	28 Jun-24		Assignment + Quiz + Self Study			
SAT	29 Jun-24	CO	Coaching	10:00 - 13:00		F2F
SUN	30 Jun-24					
MON	1 Jul-24	1.7	CPU, Threading and Processing		19:00 - 22:00	Virtual
TUE	2 Jul-24		Assignment + Quiz + Self Study			
WED	3 Jul-24	1.8	Disk, Memory and other storage technologies		19:00 - 22:00	Virtual
THU	4 Jul-24		Assignment + Quiz + Self Study			
FRI	5 Jul-24					
SAT	6 Jul-24	CO	Coaching	10:00 - 13:00		F2F
SUN	7 Jul-24					
MON	8 Jul-24	1.9	Servers & Virtualization		19:00 - 22:00	Virtual
TUE	9 Jul-24		Assignment + Quiz + Self Study			
WED	10 Jul-24	1.10	Servers & Networking		19:00 - 22:00	Virtual
THU	11 Jul-24		Assignment + Quiz + Self Study			
FRI	12 Jul-24					
SAT	13 Jul-24	CO	Coaching	10:00 - 13:00		F2F
SUN	14 Jul-24					
MON	15 Jul-24	1.11	High Availability		19:00 - 22:00	Virtual
TUE	16 Jul-24		Assignment + Quiz + Self Study			
WED	17 Jul-24	1.12	Disaster Recovery		19:00 - 22:00	Virtual
THU	18 Jul-24		Assignment + Module Quiz + Self Study			
FRI	19 Jul-24					
SAT	20 Jul-24	CO	Coaching	10:00 - 13:00		F2F
SUN	21 Jul-24					
CE2: Cloud Technologies Essentials and Architectural Design			Key Topics: Week 1: Introduction to Cloud Week 2: Service Models Week 3: Database and Permissions Week 4: Security and Deployment Week 5: Content Delivery Week 6 and 7: Principles in Cloud Architecture Design Week 8: Infrastructure as Code Week 9 and 10: Cloud Certification Training			
MON	22 Jul-24	2.1	What is Cloud Computing		19:00 - 22:00	Virtual
TUE	23 Jul-24		Assignment + Quiz + Self Study			
WED	24 Jul-24	2.2	Introduction to Cloud Platform		19:00 - 22:00	Virtual

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THU	25 Jul-24	CW	Career Workshop #2: Personal Branding & LinkedIn		19:00 - 22:00	Virtual
FRI	26 Jul-24		Assignment + Quiz + Self Study			
SAT	27 Jul-24	CO	Coaching	10:00 - 13:00		F2F
SUN	28 Jul-24					
MON	29 Jul-24	2.3	Developers Tool Setup		19:00 - 22:00	Virtual
TUE	30 Jul-24		Assignment + Quiz + Self Study			
WED	31 Jul-24	2.4	IaaS, PaaS, and SaaS		19:00 - 22:00	Virtual
THU	1 Aug-24		Assignment + Quiz + Self Study			
FRI	2 Aug-24					
SAT	3 Aug-24	CO	Coaching	10:00 - 13:00		F2F
SUN	4 Aug-24					
MON	5 Aug-24	2.5	Database as a Service		19:00 - 22:00	Virtual
TUE	6 Aug-24		Assignment + Quiz + Self Study			
WED	7 Aug-24	2.6	Permission & Policies		19:00 - 22:00	Virtual
THU	8 Aug-24		Assignment + Quiz + Self Study			
FRI	9 Aug-24	PH	NDP			
SAT	10 Aug-24	CO	Coaching	10:00 - 13:00		F2F
SUN	11 Aug-24				10	
MON	12 Aug-24	2.7	Security Groups		19:00 - 22:00	Virtual
TUE	13 Aug-24		Assignment + Quiz + Self Study			
WED	14 Aug-24	2.8	Software Deployment Requirements		19:00 - 22:00	Virtual
THU	15 Aug-24		Assignment + Quiz + Self Study			
FRI	16 Aug-24					
SAT	17 Aug-24	CO	Coaching	10:00 - 13:00	10:00 - 13:00	Virtual
SUN	18 Aug-24					
MON	19 Aug-24	2.9	Deployment as a Service		19:00 - 22:00	Virtual
TUE	20 Aug-24		Assignment + Quiz + Self Study			
WED	21 Aug-24	2.10	CDN & Availability Zones		19:00 - 22:00	Virtual
THU	22 Aug-24	CW	Career Workshop #3: Job Search Strategy + Career Networking		19:00 - 22:00	Virtual
FRI	23 Aug-24		Assignment + Quiz + Self Study			
SAT	24 Aug-24	CO	Coaching	10:00 - 13:00		F2F
SUN	25 Aug-24					
MON	26 Aug-24	2.11	Principles in Cloud Arch. Design - Security		19:00 - 22:00	Virtual
TUE	27 Aug-24		Assignment + Quiz + Self Study			
WED	28 Aug-24	2.12	Principles in Cloud Arch. Design - Reliability		19:00 - 22:00	Virtual
THU	29 Aug-24		Assignment + Quiz + Self Study			
FRI	30 Aug-24					
SAT	31 Aug-24	CO	Coaching	10:00 - 13:00		F2F
SUN	1 Sep-24					
MON	2 Sep-24	2.13	Principles in Cloud Arch. Design - Performance		19:00 - 22:00	Virtual
TUE	3 Sep-24		Assignment + Quiz + Self Study			
WED	4 Sep-24	2.14	Principles in Cloud Arch. Design - Cost Optimization		19:00 - 22:00	Virtual
THU	5 Sep-24		Assignment + Quiz + Self Study			
FRI	6 Sep-24					
SAT	7 Sep-24	CO	Coaching	10:00 - 13:00		F2F
SUN	8 Sep-24					
MON	9 Sep-24	2.15	Principles in Cloud Arch. Design - Operational Excellence		19:00 - 22:00	Virtual
TUE	10 Sep-24		Assignment + Quiz + Self Study			
WED	11 Sep-24	2.16	Infrastructure as Code		19:00 - 22:00	Virtual
THU	12 Sep-24		Assignment + Quiz + Self Study			
FRI	13 Sep-24					
SAT	14 Sep-24	CO	Coaching	10:00 - 13:00		F2F
SUN	15 Sep-24					
MON	16 Sep-24		Cloud Certification Self-Study			
TUE	17 Sep-24		Cloud Certification Self-Study			
WED	18 Sep-24		Cloud Certification Self-Study			
THU	19 Sep-24	CW	Career Workshop #4: Craft an Interview-oriented Resume		19:00 - 22:00	Virtual
FRI	20 Sep-24		Cloud Certification Self-Study			

Schedule for SCTP in Cloud Infrasctructure Engineering - Cohort 7   Updated: 23 Apr 24

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SAT	21 Sep-24	CO	Coaching	10:00 - 13:00		F2F
SUN	22 Sep-24					
MON	23 Sep-24		Cloud Certification Self-Study			
TUE	24 Sep-24		Cloud Certification Self-Study			
WED	25 Sep-24		Cloud Certification Self-Study			
THU	26 Sep-24		Cloud Certification Self-Study			
FRI	27 Sep-24		Cloud Certification Self-Study			
SAT	28 Sep-24	CO	Coaching	10:00 - 13:00		F2F
SUN	29 Sep-24					
CE3: DevSecOps Essentials & System Monitoring Strategies			Key Topics: Week 1: Introduction to GIT Week 2: Software Deployment Week 3: Cloud Native Application Week 4: Cloud Migration Week 5: Introduction to DevOps Week 6: Continuous Integration & Continuous Deployment Week 7: Security Week 8: Application Logging in Cloud Week 9 and 10: Project Creation			
MON	30 Sep-24	3.1	Introduction to GIT I		19:00 - 22:00	Virtual
TUE	1 Oct-24		Assignment + Quiz + Self Study			
WED	2 Oct-24	3.2	Introduction to GIT II		19:00 - 22:00	Virtual
THU	3 Oct-24		Assignment + Quiz + Self Study			
FRI	4 Oct-24					
SAT	5 Oct-24	CO	Coaching	10:00 - 13:00		F2F
SUN	6 Oct-24					
MON	7 Oct-24	3.3	Deploying Cloud Native App		19:00 - 22:00	Virtual
TUE	8 Oct-24		Assignment + Quiz + Self Study			
WED	9 Oct-24	3.4	Cloud Native Application - Containerization I		19:00 - 22:00	Virtual
THU	10 Oct-24		Assignment + Quiz + Self Study			
FRI	11 Oct-24					
SAT	12 Oct-24	CO	Coaching	10:00 - 13:00		F2F
SUN	13 Oct-24					
MON	14 Oct-24	3.5	Cloud Native Application - Containerization II		19:00 - 22:00	Virtual
TUE	15 Oct-24		Assignment + Quiz + Self Study			
WED	16 Oct-24	3.6	Cloud Native Application - Serverless I		19:00 - 22:00	Virtual
THU	17 Oct-24		Assignment + Quiz + Self Study			
FRI	18 Oct-24					
SAT	19 Oct-24	CW	Career Workshop #5: Winning Job Interviews	10:00 - 13:00		F2F
SUN	20 Oct-24					
MON	21 Oct-24	3.7	Cloud Native Application - Serverless II		19:00 - 22:00	Virtual
TUE	22 Oct-24		Assignment + Quiz + Self Study			
WED	23 Oct-24	3.8	Cloud Migration and Microservices		19:00 - 22:00	Virtual
THU	24 Oct-24		Assignment + Quiz + Self Study			
FRI	25 Oct-24					
SAT	26 Oct-24	CO	Coaching	10:00 - 13:00		F2F
SUN	27 Oct-24					
MON	28 Oct-24	3.9	Introduction to DevOps		19:00 - 22:00	Virtual
TUE	29 Oct-24		Assignment + Quiz + Self Study			
WED	30 Oct-24	3.10	Continuous Integration		19:00 - 22:00	Virtual
THU	31 Oct-24	PH	Deepavali			
FRI	1 Nov-24		Assignment + Quiz + Self Study			
SAT	2 Nov-24	CO	Coaching	10:00 - 13:00		F2F
SUN	3 Nov-24					
MON	4 Nov-24	3.11	Continuous Deployment - Container		19:00 - 22:00	Virtual
TUE	5 Nov-24		Assignment + Quiz + Self Study			
WED	6 Nov-24	3.12	Continuous Deployment - Serverless		19:00 - 22:00	Virtual
THU	7 Nov-24	CW	Career Workshop #6: Group Coaching		19:00 - 22:00	Virtual
FRI	8 Nov-24		Assignment + Quiz + Self Study			
SAT	9 Nov-24	CO	Coaching	10:00 - 13:00		F2F

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					Updated:	23 Apr 24
SUN	10 Nov-24					
MON	11 Nov-24	3.13	Secret Management		19:00 - 22:00	Virtual
TUE	12 Nov-24		Assignment + Quiz + Self Study			
WED	13 Nov-24	3.14	Package Vulnerability Scan		19:00 - 22:00	Virtual
THU	14 Nov-24		Assignment + Quiz + Self Study			
FRI	15 Nov-24					
SAT	16 Nov-24	CO	Coaching	10:00 - 13:00		F2F
SUN	17 Nov-24					
MON	18 Nov-24	3.15	Application Logging - CloudWatch		19:00 - 22:00	Virtual
TUE	19 Nov-24		Assignment + Quiz + Self Study			
WED	20 Nov-24	3.16	Case Study & Capstone Prep		19:00 - 22:00	Virtual
THU	21 Nov-24		Assignment + Quiz + Self Study			
FRI	22 Nov-24					
SAT	23 Nov-24	CO	Coaching	10:00 - 13:00		F2F
SUN	24 Nov-24					
MON	25 Nov-24		Project			
TUE	26 Nov-24		Project			
WED	27 Nov-24		Project			
THU	28 Nov-24		Project			
FRI	29 Nov-24		Project			
SAT	30 Nov-24		Project			
SUN	1 Dec-24					
MON	2 Dec-24		Project			
TUE	3 Dec-24		Project			
WED	4 Dec-24		Project			
THU	5 Dec-24		Project			
FRI	6 Dec-24		Project			
SAT	7 Dec-24	PP	**Presentation**	10:00 - 13:00		F2F
SUN	8 Dec-24					

- All lecture will be facilitated Virtually unless otherwise stated
- F2F lecture will be held at NTU@one-north campus (off North Buona Vista Road)
- NTU reserves the right to change the date, mode/venue of lesson or cancel class due to unforseen circumstances