

Schedule for SCTP in Cloud Infrastructure Engineering - Cohort 2

SN	Week	Module	Day	Date	Unit	Lesson Title	Physical Lesson	Online Zoom
1	1	Introduction to IT Infrastructure	MON	13-Mar		Welcome + Introduction		19:00 - 22:00
2			TUE	14-Mar	1.1	Introduction to IT Infrastructure		19:00 - 22:00
3			WED	15-Mar		Assignment + Quiz + Self Study		
4			THU	16-Mar	1.2	Networking Essentials		19:00 - 22:00
5			FRI	17-Mar		Assignment + Quiz + Self Study		
6	2		TUE	21-Mar	1.3	Network Communications Protocol		19:00 - 22:00
7			WED	22-Mar		Assignment + Quiz + Self Study		
8			THU	23-Mar	1.4	Basic Network Security		19:00 - 22:00
9			FRI	24-Mar		Assignment + Quiz + Self Study		
10	3		SAT	25-Mar		Coaching	10:00 - 13:00	
11			TUE	28-Mar	1.5	Operating Systems (Windows)		19:00 - 22:00
12			WED	29-Mar		Assignment + Quiz + Self Study		
13			THU	30-Mar	1.6	Operating Systems (Linux)		19:00 - 22:00
14			FRI	31-Mar		Assignment + Quiz + Self Study		
15	SAT		01-Apr		Coaching		10:00 - 13:00	
16	4	MON	03-Apr		Career Guidance and Preparation Workshop: Career Identity		19:00 - 22:00	
17		TUE	04-Apr	1.7	CPU, Threading and Processing		19:00 - 22:00	
18		WED	05-Apr	1.8	Disk, Memory and other storage technologies		19:00 - 22:00	
19	5	THU	06-Apr		Assignment + Quiz + Coaching			
20		TUE	11-Apr	1.9	Servers & Virtualization		19:00 - 22:00	
21		WED	12-Apr		Assignment + Quiz + Self Study			
22		THU	13-Apr	1.10	Servers & Networking		19:00 - 22:00	
23		FRI	14-Apr		Assignment + Quiz + Self Study			
24		SAT	15-Apr		Coaching		10:00 - 13:00	
25	6	TUE	18-Apr	1.11	High Availability		19:00 - 22:00	
26		WED	19-Apr		Assignment + Quiz + Self Study			
27		THU	20-Apr	1.12	Disaster Recovery		19:00 - 22:00	
28	7	MON	24-Apr		Module Quiz			
29	8	Cloud Technologies Essentials and Architectural Design	TUE	25-Apr	2.1	What is Cloud Computing		19:00 - 22:00
30			THU	27-Apr	2.2	Introduction to Cloud Platform		19:00 - 22:00
31			SAT	29-Apr		Coaching	10:00 - 13:00	
32			TUE	02-May	2.3	Developers Tool Setup		19:00 - 22:00
33			WED	03-May		Assignment + Quiz + Self Study		
34			THU	04-May	2.4	IaaS, PaaS, and SaaS		19:00 - 22:00
35			FRI	05-May		Assignment + Quiz + Self Study		
36			SAT	06-May		Coaching	10:00 - 13:00	
37	9	MON	08-May		Career Guidance and Preparation Workshop: Personal Branding & LinkedIn		19:00 - 22:00	
38		TUE	09-May	2.5	Database as a Service		19:00 - 22:00	
39		WED	10-May		Assignment + Quiz + Self Study			
40		THU	11-May	2.6	Permission & Policies		19:00 - 22:00	
41		FRI	12-May		Assignment + Quiz + Self Study			
42	10	SAT	13-May		Coaching	10:00 - 13:00		
43		TUE	16-May	2.7	Security Groups		19:00 - 22:00	
44		WED	17-May		Assignment + Quiz + Self Study			
45		THU	18-May	2.8	Software Deployment Requirements		19:00 - 22:00	
46		FRI	19-May		Assignment + Quiz + Self Study			
47		SAT	20-May		Coaching	10:00 - 13:00		
48	11	TUE	23-May	2.9	Deployment as a Service		19:00 - 22:00	
49		WED	24-May		Assignment + Quiz + Self Study			
50		THU	25-May	2.10	CDN & Availability Zones		19:00 - 22:00	
51		FRI	26-May		Assignment + Quiz + Self Study			
52	12	SAT	27-May		Coaching	10:00 - 13:00		
53		TUE	30-May	2.11	Principles in Cloud Arch. Design - Security		19:00 - 22:00	
54		WED	31-May		Assignment + Quiz + Self Study			
55		THU	01-Jun	2.12	Principles in Cloud Arch. Design - Reliability		19:00 - 22:00	
56		FRI	02-Jun		Assignment + Quiz + Self Study			
57	13	SAT	03-Jun		Coaching	10:00 - 13:00		
58		MON	05-Jun		Career Guidance and Preparation Workshop: Craft an Interview-oriented Resume		19:00 - 22:00	
59		TUE	06-Jun	2.13	Principles in Cloud Arch. Design - Performance		19:00 - 22:00	

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60	13		WED	07-Jun		Assignment + Quiz + Self Study		
61	THU		08-Jun	2.14	Principles in Cloud Arch. Design - Cost Optimization		19:00 - 22:00	
62	FRI		09-Jun		Assignment + Quiz + Self Study			
63	SAT		10-Jun		Coaching	10:00 - 13:00		
64	14		TUE	13-Jun	2.15	Principles in Cloud Arch. Design -Operational Excellence		19:00 - 22:00
65	WED		14-Jun		Assignment + Quiz + Self Study			
66	THU		15-Jun	2.16	Infrastructure as Code		19:00 - 22:00	
67	FRI		16-Jun		Assignment + Quiz + Self Study			
68	SAT	17-Jun		Coaching	10:00 - 13:00			
69	15	Cloud Technologies Essentials and Architectural Design	MON	19-Jun		Cloud Certification Self-Study		
70			TUE	20-Jun		Cloud Certification Self-Study		19:00 - 22:00
71			WED	21-Jun		Cloud Certification Self-Study		
72			THU	22-Jun		Cloud Certification Self-Study		19:00 - 22:00
73	FRI	23-Jun		Cloud Certification Self-Study				
74	SAT	24-Jun		Coaching	10:00 - 13:00			
75	16		MON	26-Jun		Cloud Certification Self-Study		
76			TUE	27-Jun		Cloud Certification Self-Study + Quiz		19:00 - 22:00
77			WED	28-Jun		Cloud Certification Self-Study		
78			THU	29-Jun		Cloud Certification Self-Study		19:00 - 22:00
79	FRI	30-Jun		Cloud Certification Self-Study				
80	SAT	01-Jul		Coaching	10:00 - 13:00			
81	17		MON	03-Jul		Career Guidance and Preparation Workshop: Job Search Strategy + Career Networking		19:00 - 22:00
82			TUE	04-Jul	3.1	Introduction to GIT I		19:00 - 22:00
83			WED	05-Jul		Assignment + Quiz + Self Study		
84			THU	06-Jul	3.2	Introduction to GIT II		19:00 - 22:00
85			FRI	07-Jul		Assignment + Quiz + Self Study		
86	SAT	08-Jul		Coaching	10:00 - 13:00			
87	18		TUE	11-Jul	3.3	Deploying Cloud Native App		19:00 - 22:00
88			WED	12-Jul		Assignment + Quiz + Self Study		
89			THU	13-Jul	3.4	Cloud Native Application - Containerization I		19:00 - 22:00
90			FRI	14-Jul		Assignment + Quiz + Self Study		
91	SAT	15-Jul		Coaching	10:00 - 13:00			
92	19	DevSecOps Essentials and System Monitoring Strategies	TUE	18-Jul	3.5	Cloud Native Application - Containerization II		19:00 - 22:00
93			WED	19-Jul		Assignment + Quiz + Self Study		
94			THU	20-Jul	3.6	Cloud Native Application - Serverless I		19:00 - 22:00
95			FRI	21-Jul		Assignment + Quiz + Self Study		
96	SAT	22-Jul		Coaching	10:00 - 13:00			
97	20		TUE	25-Jul	3.7	Cloud Native Application - Serverless II		19:00 - 22:00
98			WED	26-Jul		Assignment + Quiz + Self Study		
99			THU	27-Jul	3.8	Cloud Migration and Microservices		19:00 - 22:00
100			FRI	28-Jul		Assignment + Quiz + Self Study		
101	SAT	29-Jul		Coaching	10:00 - 13:00			
102	21		TUE	01-Aug	3.9	Introduction to DevOps		19:00 - 22:00
103			WED	02-Aug		Assignment + Quiz + Self Study		
104			THU	03-Aug	3.10	Continuous Integration		19:00 - 22:00
105			FRI	04-Aug		Assignment + Quiz + Self Study		
106	SAT	05-Aug		Coaching	10:00 - 13:00			
107	22		MON	07-Aug		Career Guidance and Preparation Workshop: Winning Job Interviews		19:00 - 22:00
108			TUE	08-Aug	3.11	Continuous Deployment - Container		19:00 - 22:00
109			THU	10-Aug	3.12	Continuous Deployment - Serverless		19:00 - 22:00
110			FRI	11-Aug		Assignment + Quiz + Self Study		
111	SAT	12-Aug		Assignment + Quiz + Coaching	10:00 - 13:00			
112	23	DevSecOps Essentials and System Monitoring Strategies	TUE	15-Aug	3.13	Secret Management		19:00 - 22:00
113			WED	16-Aug		Assignment + Quiz + Self Study		
114			THU	17-Aug	3.14	Package Vulnerability Scan		19:00 - 22:00
115			FRI	18-Aug		Assignment + Quiz + Self Study		
116	SAT	19-Aug		Coaching	10:00 - 13:00			
117	24		TUE	22-Aug	3.15	Application Logging - CloudWatch		19:00 - 22:00
118			WED	23-Aug		Assignment + Quiz + Self Study		
119			THU	24-Aug	3.16	Case Study & Capstone Prep		19:00 - 22:00
120			FRI	25-Aug		Assignment + Quiz + Self Study		

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121			SAT	26-Aug		Coaching	10:00 - 13:00	
122	25	Project	MON	28-Aug		Project		
123			TUE	29-Aug		Project		
124			WED	30-Aug		Project		
125			THU	31-Aug		Project		
126			FRI	01-Sep		Project		
127			SAT	02-Sep		Project		
128	26	Project	MON	04-Sep		Career Guidance and Preparation Workshop: Group Coaching		19:00 - 22:00
129			TUE	05-Sep		Project		
130			WED	06-Sep		Project		
131			THU	07-Sep		Project		
132			FRI	08-Sep		Presentation		19:00 - 22:00
133			TUE	12-Sep		Graduation		

- All lecture will be facilitated Virtually unless otherwise stated
- Physical Lesson 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 unforeseen circumstances