

**Schedule for SCTP in Software Engineering - Cohort 2**

SN	Week	Module	Day	Date	Unit	Lesson Title	Physical Lesson	Online Zoom
1	1	Intro to Software Development	MON	20-Feb		Welcome + Introduction		19:00 - 22:00
2	TUE		21-Feb	1.1	Software Development Environment		19:00 - 22:00	
3	WED		22-Feb		Assignment + Self Study			
4	THU		23-Feb	1.2	CLI & GIT		19:00 - 22:00	
5	FRI		24-Feb		Assignment + Quiz + Self Study			
6	2		MON	27-Feb		Career Workshop #1: Fundamentals of Career Discovery		19:00 - 22:00
7	TUE		28-Feb	1.3	Testing Methodologies		19:00 - 22:00	
8	WED		01-Mar		Assignment + Quiz + Self Study			
9	THU		02-Mar		Agile SCRUM		19:00 - 22:00	
10	FRI		03-Mar	1.4	Module Quiz + Self Study			
11	SAT		04-Mar		Coaching		10:00 - 13:00	
12	3	Web fundamentals with REACT JS	MON	06-Mar		Assignment + Quiz + Self Study		
13	TUE		07-Mar	2.1	Introduction to React		19:00 - 22:00	
14	WED		08-Mar		Assignment + Self Study			
15	THU		09-Mar		Functional Components & Props		19:00 - 22:00	
16	SAT		11-Mar	2.2	Coaching		10:00 - 13:00	
17	4		MON	13-Mar		Assignment + Quiz + Self Study		
18	TUE		14-Mar	2.3	React Hooks - State		19:00 - 22:00	
19	WED		15-Mar		Assignment + Self Study			
20	THU		16-Mar	2.4	Handling Events		19:00 - 22:00	
21	SAT		18-Mar		Coaching		10:00 - 13:00	
22	5		MON	20-Mar		Career Guidance and Preparation Workshop: Personal Branding & LinkedIn		19:00 - 22:00
23	TUE		21-Mar	2.5	Unidirectional Data Flow		19:00 - 22:00	
24	WED		22-Mar		Assignment + Quiz + Self Study			
25	THU		23-Mar		Hooks - Context and Reducers		19:00 - 22:00	
26	FRI		24-Mar	2.6	Assignment + Self Study			
27	SAT		25-Mar		Coaching		10:00 - 13:00	
28	6		TUE	28-Mar	2.7	Conditional Rendering and Lists		19:00 - 22:00
29	WED		29-Mar		Assignment + Quiz + Self Study			
30	THU		30-Mar		React Router			
31	FRI		31-Mar	2.8	Assignment + Quiz + Self Study			
32	SAT		01-Apr		Coaching		10:00 - 13:00	
33	7		TUE	04-Apr	2.9	Axios, Async and useEffect		19:00 - 22:00
34	WED		05-Apr		Assignment + Quiz + Self Study			
35	THU		06-Apr		Schema Validation and Deployment		19:00 - 22:00	
36	SAT		08-Apr		Coaching + Module Quiz		10:00 - 13:00	
37	MON		10-Apr		Project			
38	TUE		11-Apr	2.1	Project			
39	8	WED	12-Apr		Project			
40	THU	13-Apr		Project				
41	FRI	14-Apr		Project				
42	9	MON	17-Apr		Career Guidance and Preparation Workshop: Craft an Interview-oriented Resume		19:00 - 22:00	
43	TUE	18-Apr		Project				
44	WED	19-Apr	2.1	Project				
45	THU	20-Apr		Project Presentation		19:00 - 22:00		
46	10	MON	24-Apr		Assignment + Quiz + Self Study			
47	TUE	25-Apr	3.1	Introduction to Java		19:00 - 22:00		
48	WED	26-Apr		Assignment + Quiz + Self Study				
49	THU	27-Apr		Operators & Control Flow		19:00 - 22:00		
50	FRI	28-Apr	3.2	Assignment + Quiz + Self Study				
51	SAT	29-Apr		Coaching		10:00 - 13:00		
52	11	TUE	02-May	3.3	Arrays & Loops		19:00 - 22:00	
53	WED	03-May		Assignment + Quiz + Self Study				
54	THU	04-May		Methods		19:00 - 22:00		
55	FRI	05-May	3.4	Assignment + Self Study				
56	SAT	06-May		Coaching		10:00 - 13:00		
57	12	TUE	09-May	3.5	Class & Attributes		19:00 - 22:00	
58	WED	10-May		Assignment + Quiz + Self Study				
59	THU	11-May		OOP - Object Oriented Programming		19:00 - 22:00		
60	FRI	12-May	3.6	Assignment + Self Study				

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SN	Week	Module	Day	Date	Unit	Lesson Title	Physical Lesson	Online Zoom
61	13	Backend fundamentals with Java Spring Boot and Databases	SAT	13-May		Coaching	10:00 - 13:00	
62			MON	15-May		Career Guidance and Preparation Workshop: Job Search Strategy + Career Networking		19:00 - 22:00
63			TUE	16-May	3.7	Exceptions Handling & Logging		19:00 - 22:00
64			WED	17-May		Assignment + Quiz + Self Study		
65			THU	18-May	3.8	Multi-threading		19:00 - 22:00
66			FRI	19-May		Assignment + Self Study		
67			SAT	20-May		Coaching		10:00 - 13:00
68	14	Backend fundamentals with Java Spring Boot and Databases	TUE	23-May	3.9	Introduction to Spring Boot		19:00 - 22:00
69			WED	24-May		Assignment + Quiz + Self Study		
70			THU	25-May	3.10	Dependency Manager with Maven		19:00 - 22:00
71			FRI	26-May		Assignment + Self Study		
72	SAT	27-May	Coaching	10:00 - 13:00				
73	15	Backend fundamentals with Java Spring Boot and Databases	TUE	30-May	3.11	Components and Annotations		19:00 - 22:00
74			WED	31-May		Assignment + Quiz + Self Study		
75			THU	01-Jun	3.12	REST Controller Annotations		19:00 - 22:00
76			FRI	02-Jun		Vesak Day		
77			SAT	03-Jun		Coaching + Assignment + Quiz	10:00 - 13:00	
78	16	Backend fundamentals with Java Spring Boot and Databases	TUE	06-Jun	3.13	Entity & JPA Annotations		19:00 - 22:00
79			WED	07-Jun		Assignment + Quiz + Self Study		
80			THU	08-Jun	3.14	Unit Testing in Spring		19:00 - 22:00
81			FRI	09-Jun		Assignment + Quiz + Self Study		
82	SAT	10-Jun	Coaching + Module Quiz + Self Study	10:00 - 13:00				
83	17	Backend fundamentals with Java Spring Boot and Databases	MON	12-Jun	3.14	Project		
84			TUE	13-Jun		Project		
85			WED	14-Jun		Project		
86			THU	15-Jun		Project		
87			FRI	16-Jun		Project		
88	18	Backend fundamentals with Java Spring Boot and Databases	MON	19-Jun		Career Guidance and Preparation Workshop: Winning Job Interviews		19:00 - 22:00
89			TUE	20-Jun	3.14	Project		
90			WED	21-Jun		Project		
91			THU	22-Jun		Project		
92			FRI	23-Jun		Project		
93			SAT	24-Jun		Project Presentation	10:00 - 13:00	
94	19	Backend fundamentals with Java Spring Boot and Databases	TUE	27-Jun	4.1	Branching Strategies		19:00 - 22:00
95			WED	28-Jun		Assignment + Quiz + Self Study		
96			THU	29-Jun		Hari Raya Haji		
97			FRI	30-Jun		Assignment + Self Study		
98	20	Backend fundamentals with Java Spring Boot and Databases	SAT	01-Jul	4.2	Cloud Native Application - Containerization I	10:00 - 13:00	
99			MON	03-Jul		Assignment + Self Study		
100			TUE	04-Jul	4.3	Cloud Native Application - Containerization II		19:00 - 22:00
101			WED	05-Jul		Assignment + Quiz + Self Study		
102			THU	06-Jul		Introduction to DevOps		19:00 - 22:00
103	SAT	08-Jul	4.4	Coaching	10:00 - 13:00			
104	21	Backend fundamentals with Java Spring Boot and Databases	TUE	11-Jul	4.5	Continuous Integration		19:00 - 22:00
105			WED	12-Jul		Assignment + Quiz + Self Study		
106			THU	13-Jul	4.6	Continuous Deployment - Container		19:00 - 22:00
107			FRI	14-Jul		Assignment + Self Study		
108	SAT	15-Jul	Coaching	10:00 - 13:00				
109	22	Backend fundamentals with Java Spring Boot and Databases	TUE	18-Jul	4.7	Secret Management		19:00 - 22:00
110			WED	19-Jul		Assignment + Self Study		
111			THU	20-Jul		Case Study & Project Prep		19:00 - 22:00
112	23	Backend fundamentals with Java Spring Boot and Databases	SAT	22-Jul	4.8	F2F - Module Quiz + Coaching	10:00 - 13:00	
113			MON	24-Jul		Project		
114			TUE	25-Jul		Project		
115			WED	26-Jul		Project		
116			THU	27-Jul		Project		
117	FRI	28-Jul	Project Presentation		19:00 - 22:00			
118	24	Backend fundamentals with Java Spring Boot and Databases	MON	31-Jul		Career Guidance and Preparation Workshop: Group Coaching		19:00 - 22:00
119			TUE	01-Aug	5.1	Introduction to React Native		19:00 - 22:00
120			WED	02-Aug		Assignment + Quiz + Self Study		

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121		REACT NATIVE	THU	03-Aug	5.2	React Native Components & Layout		19:00 - 22:00
122			FRI	04-Aug		Assignment + Self Study		
123			SAT	05-Aug		Coaching	10:00 - 13:00	
124	25		TUE	08-Aug	5.3	React Navigation		19:00 - 22:00
125	WED		09-Aug	NDP				
126	26		THU	10-Aug	5.4	React Native with External Components		19:00 - 22:00
127			FRI	11-Aug		Module Quiz + Self Study		
128			SAT	12-Aug		Coaching	10:00 - 13:00	
129			MON	14-Aug		Project		
130			TUE	15-Aug		Project		
131		WED	16-Aug	Project				
132		THU	17-Aug	Project				
133	FRI	18-Aug	Project Presentation		19:00 - 22:00			
134					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