

Date	Unit	Lesson Title	F2F (NTU@one-North)	Online Zoom	Mode of Delivery
<b>M1: Introduction to Software Development</b>		Key Topics: Week 1: Environment Setup Week 2: Software Development Practices			
MON	19 Aug-24	Welcome + Introduction		19:00 - 22:00	Virtual
TUE	20 Aug-24	1.1 Software Development Environment		19:00 - 22:00	Virtual
WED	21 Aug-24	Assignment + Self Study			
THU	22 Aug-24	1.2 CLI & GIT		19:00 - 22:00	Virtual
FRI	23 Aug-24	Assignment + Quiz + Self Study			
SAT	24 Aug-24				
SUN	25 Aug-24				
MON	26 Aug-24	CW Career Workshop #1: Fundamentals of Career Discovery		19:00 - 22:00	Virtual
TUE	27 Aug-24	1.3 Testing Methodologies		19:00 - 22:00	Virtual
WED	28 Aug-24	Assignment + Quiz + Self Study			
THU	29 Aug-24	1.4 Agile SCRUM		19:00 - 22:00	Virtual
FRI	30 Aug-24	Assignment + Module Quiz + Self Study			
SAT	31 Aug-24	CO Coaching	10:00 - 13:00		F2F
SUN	1 Sep-24				
<b>M2: Web Fundamentals with ReactJS</b>		Key Topics: Week 1: Introduction to React JS Week 2: States and Events Week 3: Data Flow Week 4: Conditional Rendering and Routing Week 5: Backend communications and Deployment Week 6 and 7: Project creation			
MON	2 Sep-24				
TUE	3 Sep-24	2.1 Introduction to React		19:00 - 22:00	Virtual
WED	4 Sep-24	Assignment + Quiz + Self Study			
THU	5 Sep-24	2.2 Functional Components & Props		19:00 - 22:00	Virtual
FRI	6 Sep-24	Assignment + Quiz + Self Study			
SAT	7 Sep-24	CO Coaching	10:00 - 13:00		F2F
SUN	8 Sep-24				
MON	9 Sep-24				
TUE	10 Sep-24	2.3 React Hooks - State		19:00 - 22:00	Virtual
WED	11 Sep-24	Assignment + Quiz + Self Study			
THU	12 Sep-24	2.4 Handling Events		19:00 - 22:00	Virtual
FRI	13 Sep-24	Assignment + Quiz + Self Study			
SAT	14 Sep-24	CO Coaching	10:00 - 13:00		F2F
SUN	15 Sep-24				
MON	16 Sep-24	CW Career Workshop #2: Personal Branding & LinkedIn		19:00 - 22:00	Virtual
TUE	17 Sep-24	2.5 Unidirectional Data Flow		19:00 - 22:00	Virtual
WED	18 Sep-24	Assignment + Quiz + Self Study			
THU	19 Sep-24	2.6A Hooks - Context		19:00 - 22:00	Virtual
FRI	20 Sep-24	Assignment + Quiz + Self Study			
SAT	21 Sep-24	2.6B Hooks - Reducers + Coaching	10:00 - 13:00		F2F
SUN	22 Sep-24				
MON	23 Sep-24				
TUE	24 Sep-24	2.7 Conditional Rendering and Lists		19:00 - 22:00	Virtual
WED	25 Sep-24	Assignment + Quiz + Self Study			
THU	26 Sep-24	2.8 React Router		19:00 - 22:00	Virtual
FRI	27 Sep-24	Assignment + Quiz + Self Study			
SAT	28 Sep-24	CO Coaching	10:00 - 13:00		F2F
SUN	29 Sep-24				
MON	30 Sep-24				
TUE	1 Oct-24	2.9 Axios, Async and useEffect		19:00 - 22:00	Virtual
WED	2 Oct-24	Assignment + Quiz + Self Study			
THU	3 Oct-24	2.10 Schema Validation and Deployment		19:00 - 22:00	Virtual
FRI	4 Oct-24	Assignment + Module Quiz + Self Study			
SAT	5 Oct-24	CO Coaching	10:00 - 13:00		F2F
SUN	6 Oct-24				

Date	Unit	Lesson Title	F2F (NTU@one-North)	Online Zoom	Mode of Delivery
MON	7 Oct-24	Project			
TUE	8 Oct-24	Project			
WED	9 Oct-24	Project			
THU	10 Oct-24	Project			
FRI	11 Oct-24	Project			
SAT	12 Oct-24	Project			
SUN	13 Oct-24				
MON	14 Oct-24	CW Career Workshop #3: Job Search Strategy + Career Networking		19:00 - 22:00	Virtual
TUE	15 Oct-24	Project			
WED	16 Oct-24	Project			
THU	17 Oct-24	Project			
FRI	18 Oct-24	Project			
SAT	19 Oct-24	PP Project Presentation		10:00 - 13:00	Virtual
SUN	20 Oct-24				
<b>M3: BACKEND Fundamentals with Java Spring Boot &amp; Database</b>		Key Topics: Week 1: Introduction to Java Week 2: Arrays, Loops, and Methods Week 3: Object Oriented Programming Week 4: Exceptions, Logging, and Multi-threading Week 5: Introduction to Spring Boot and Maven Week 6: Components and Annotations Week 7: Database communications and Testing Week 8 to 9: Project Creation			
MON	21 Oct-24				
TUE	22 Oct-24	3.1 Introduction to Java		19:00 - 22:00	Virtual
WED	23 Oct-24	Assignment + Quiz + Self Study			
THU	24 Oct-24	3.2 Operators & Control Flow		19:00 - 22:00	Virtual
FRI	25 Oct-24	Assignment + Quiz + Self Study			
SAT	26 Oct-24	CO Coaching	10:00 - 13:00		F2F
SUN	27 Oct-24				
MON	28 Oct-24				
TUE	29 Oct-24	3.3 Arrays & Loops		19:00 - 22:00	Virtual
WED	30 Oct-24	3.4 Methods		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	Virtual
SUN	3 Nov-24				
MON	4 Nov-24	Assignment + Quiz + Self Study			
TUE	5 Nov-24	3.5 Class & Attributes		19:00 - 22:00	Virtual
WED	6 Nov-24	Assignment + Quiz + Self Study			
THU	7 Nov-24	3.6 OOP - Object Oriented Programming		19:00 - 22:00	Virtual
FRI	8 Nov-24	Assignment + Quiz + Self Study			
SAT	9 Nov-24	CO Coaching	10:00 - 13:00		F2F
SUN	10 Nov-24				
MON	11 Nov-24	CW Career Workshop #4: Craft an Interview-oriented Resume		19:00 - 22:00	Virtual
TUE	12 Nov-24	3.7 Exceptions Handling & Logging		19:00 - 22:00	Virtual
WED	13 Nov-24	Assignment + Quiz + Self Study			
THU	14 Nov-24	3.8 Multi-threading		19:00 - 22:00	Virtual
FRI	15 Nov-24	Assignment + Quiz + Self Study			
SAT	16 Nov-24	CO Coaching	10:00 - 13:00		F2F
SUN	17 Nov-24				
MON	18 Nov-24				
TUE	19 Nov-24	3.9 Introduction to Spring Boot		19:00 - 22:00	Virtual
WED	20 Nov-24	Assignment + Quiz + Self Study			
THU	21 Nov-24	3.10 Dependency Manager with Maven		19:00 - 22:00	Virtual
FRI	22 Nov-24	Assignment + Quiz + Self Study			
SAT	23 Nov-24	CO Coaching	10:00 - 13:00		F2F
SUN	24 Nov-24				
MON	25 Nov-24				

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TUE	26 Nov-24	3.11	Components and Annotations		19:00 - 22:00	Virtual
WED	27 Nov-24		Assignment + Quiz + Self Study			
THU	28 Nov-24	3.12	REST Controller Annotations		19:00 - 22:00	Virtual
FRI	29 Nov-24		Assignment + Quiz + Self Study			
SAT	30 Nov-24	CO	Coaching	10:00 - 13:00		F2F
SUN	1 Dec-24					
MON	2 Dec-24					
TUE	3 Dec-24	3.13	Entity & JPA Annotations		19:00 - 22:00	Virtual
WED	4 Dec-24		Assignment + Quiz + Self Study			
THU	5 Dec-24	3.14	Unit Testing in Spring		19:00 - 22:00	Virtual
FRI	6 Dec-24		Assignment + Module Quiz + Self Study			
SAT	7 Dec-24	CO	Coaching	10:00 - 13:00		F2F
SUN	8 Dec-24					
MON	9 Dec-24		Project			
TUE	10 Dec-24		Project			
WED	11 Dec-24		Project			
THU	12 Dec-24		Project			
FRI	13 Dec-24		Project			
SAT	14 Dec-24	CW	Career Workshop #5: Winning Job Interviews	10:00 - 13:00		F2F
SUN	15 Dec-24					
MON	16 Dec-24		Project			
TUE	17 Dec-24		Project			
WED	18 Dec-24		Project			
THU	19 Dec-24		Project			
FRI	20 Dec-24		Project			
SAT	21 Dec-24	PP	Project Presentation	10:00 - 13:00		F2F
SUN	22 Dec-24					
<b>M4: Introduction to DevOps</b>		Key Topics: Week 1: Introduction to DevOps Week 2: Deployment and Monitoring Week 3: Continuous Integration and Continuous Deployment Week 4: Containerization and Branching Strategies Week 5: Project Creation				
MON	23 Dec-24					
TUE	24 Dec-24	4.1	Introduction to DevOps		19:00 - 22:00	Virtual
WED	25 Dec-24	PH	Christmas Day			
THU	26 Dec-24	4.2	Branching Strategies		19:00 - 22:00	Virtual
FRI	27 Dec-24		Assignment + Quiz + Self Study			
SAT	28 Dec-24	CO	Coaching	10:00 - 13:00		F2F
SUN	29 Dec-24					
MON	30 Dec-24		Assignment + Quiz + Self Study			
TUE	31 Dec-24	4.3	Cloud Native Application - Containerization I		19:00 - 22:00	Virtual
WED	1 Jan-25	PH	New Year's Day			
THU	2 Jan-25	4.4	Cloud Native Application - Containerization II		19:00 - 22:00	Virtual
FRI	3 Jan-25		Assignment + Quiz + Self Study			
SAT	4 Jan-25	CO	Coaching	10:00 - 13:00		F2F
SUN	5 Jan-25					
MON	6 Jan-25		Assignment + Quiz + Self Study			
TUE	7 Jan-25	4.5	Continuous Integration		19:00 - 22:00	Virtual
WED	8 Jan-25		Assignment + Quiz + Self Study			
THU	9 Jan-25	4.6	Continuous Deployment - Container		19:00 - 22:00	Virtual
FRI	10 Jan-25		Assignment + Quiz + Self Study			
SAT	11 Jan-25	CO	Coaching	10:00 - 13:00		F2F
SUN	12 Jan-25					
MON	13 Jan-25	CW	Career Workshop #6: Group Coaching			
TUE	14 Jan-25	4.7	Secret Management		19:00 - 22:00	Virtual
WED	15 Jan-25		Assignment + Quiz + Self Study			
THU	16 Jan-25	4.8	Case Study & Project Prep		19:00 - 22:00	Virtual

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FRI	17 Jan-25	Assignment + Module Quiz + Self Study			
SAT	18 Jan-25	CO	Coaching	10:00 - 13:00	F2F
SUN	19 Jan-25				
MON	20 Jan-25	Project			
TUE	21 Jan-25	Project			
WED	22 Jan-25	Project			
THU	23 Jan-25	Project			
FRI	24 Jan-25	Project			
SAT	25 Jan-25	Project Presentation	10:00 - 13:00		F2F
SUN	26 Jan-25				
<b>M5: Introduction to Mobile Development</b>		Key Topics: Week 1: Introduction to React Native Week 2: Navigation and Styling Week 3: Project Creation			
MON	27 Jan-25				
TUE	28 Jan-25	PH	Eve of CNY		
WED	29 Jan-25	PH	Chinese New Year Day 1		
THU	30 Jan-25	PH	Chinese New Year Day 2		
FRI	31 Jan-25	PH	Chinese New Year Day 3		
SAT	1 Feb-25	PH	BREAK		
SUN	2 Feb-25	PH	BREAK		
MON	27 Jan-25	PH	BREAK		
TUE	28 Jan-25	5.1	Introduction to React Native		19:00 - 22:00 Virtual
WED	29 Jan-25		Assignment + Quiz + Self Study		
THU	30 Jan-25	5.2	React Native Components & Layout		19:00 - 22:00 Virtual
FRI	31 Jan-25		Assignment + Quiz + Self Study		
SAT	1 Feb-25	CO	Coaching	10:00 - 13:00	F2F
SUN	2 Feb-25				
MON	3 Feb-25				
TUE	4 Feb-25	5.3	React Navigation		19:00 - 22:00 Virtual
WED	5 Feb-25		Assignment + Quiz + Self Study		
THU	6 Feb-25	5.4	React Native with External Components		19:00 - 22:00 Virtual
FRI	7 Feb-25		Assignment + Module Quiz + Self Study		
SAT	8 Feb-25	CO	Coaching	10:00 - 13:00	F2F
SUN	9 Feb-25				
MON	10 Feb-25		Project		
TUE	11 Feb-25		Project		
WED	12 Feb-25		Project		
THU	13 Feb-25		Project		
FRI	14 Feb-25		Project		
SAT	15 Feb-25	PP	Project Presentation	10:00 - 13:00	F2F
SUN	16 Feb-25				

• 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 unforeseen circumstances