

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	18 Nov-24	Welcome + Introduction		19:00 - 22:00	Virtual
TUE	19 Nov-24				
WED	20 Nov-24	1.1 Software Development Environment		19:00 - 22:00	Virtual
THU	21 Nov-24				
FRI	22 Nov-24	1.2 CLI & GIT		19:00 - 22:00	Virtual
SAT	23 Nov-24	Assignment + Quiz + Self Study			
SUN	24 Nov-24				
MON	25 Nov-24	1.3 Testing Methodologies		19:00 - 22:00	Virtual
TUE	26 Nov-24	Assignment + Quiz + Self Study			
WED	27 Nov-24	1.4 Agile SCRUM		19:00 - 22:00	Virtual
THU	28 Nov-24	Assignment + Module Quiz + Self Study			
FRI	29 Nov-24				
SAT	30 Nov-24	CO Coaching	10:00 - 13:00		F2F
SUN	1 Dec-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 Dec-24	2.1 Introduction to React		19:00 - 22:00	Virtual
TUE	3 Dec-24	Assignment + Quiz + Self Study			
WED	4 Dec-24	2.2 Functional Components & Props		19:00 - 22:00	Virtual
THU	5 Dec-24	Assignment + Quiz + Self Study			
FRI	6 Dec-24				
SAT	7 Dec-24	CO Coaching	10:00 - 13:00		F2F
SUN	8 Dec-24				
MON	9 Dec-24	2.3 React Hooks - State		19:00 - 22:00	Virtual
TUE	10 Dec-24				
WED	11 Dec-24	2.4 Handling Events		19:00 - 22:00	Virtual
THU	12 Dec-24	CW Career Workshop #1: Fundamentals of Career Discovery		19:00 - 22:00	Virtual
FRI	13 Dec-24	Assignment + Quiz + Self Study			
SAT	14 Dec-24	CO Coaching	10:00 - 13:00		F2F
SUN	15 Dec-24				
MON	16 Dec-24	2.5 Unidirectional Data Flow		19:00 - 22:00	Virtual
TUE	17 Dec-24	Assignment + Quiz + Self Study			
WED	18 Dec-24	2.6 A Hooks - Context		19:00 - 22:00	Virtual
THU	19 Dec-24				
FRI	20 Dec-24	Assignment + Quiz + Self Study			
SAT	21 Dec-24	2.6 B Hooks - Reducers + Coaching	10:00 - 13:00		F2F
SUN	22 Dec-24				
MON	23 Dec-24	2.7 Conditional Rendering and Lists		19:00 - 22:00	Virtual
TUE	24 Dec-24	Assignment + Quiz + Self Study			
WED	25 Dec-24	PH Christmas			
THU	26 Dec-24	2.8 React Router		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	2.9 Axios, Async and useEffect		19:00 - 22:00	Virtual
TUE	31 Dec-24	Assignment + Quiz + Self Study			
WED	1 Jan-25	PH New Year's Day			
THU	2 Jan-25	2.10 Schema Validation and Deployment		19:00 - 22:00	Virtual
FRI	3 Jan-25	Assignment + Module Quiz + Self Study			
SAT	4 Jan-25	CO Coaching	10:00 - 13:00		F2F

Date	Unit	Lesson Title	F2F (NTU@one-North)	Online Zoom	Mode of Delivery
SUN	5 Jan-25				
MON	6 Jan-25	Project			
TUE	7 Jan-25	Project			
WED	8 Jan-25	Project			
THU	9 Jan-25	Project			
FRI	10 Jan-25	Project			
SAT	11 Jan-25	Project			
SUN	12 Jan-25				
MON	13 Jan-25	Project			
TUE	14 Jan-25	Project			
WED	15 Jan-25	Project			
THU	16 Jan-25	CW Career Workshop #2: Personal Branding & LinkedIn		19:00 - 22:00	Virtual
FRI	17 Jan-25	Project			
SAT	18 Jan-25	PP Project Presentation (SR606A)	10:00 - 13:00		F2F
SUN	19 Jan-25				
<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	20 Jan-25	3.1 Introduction to Java		19:00 - 22:00	Virtual
TUE	21 Jan-25	Assignment + Quiz + Self Study			
WED	22 Jan-25	3.2 Operators & Control Flow		19:00 - 22:00	Virtual
THU	23 Jan-25	Assignment + Quiz + Self Study			
FRI	24 Jan-25				
SAT	25 Jan-25	CO Coaching	10:00 - 13:00		F2F
SUN	26 Jan-25				
MON	27 Jan-25	3.3 Arrays & Loops		19:00 - 22:00	Virtual
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	3 Feb-25	PH BREAK			
TUE	4 Feb-25	Assignment + Quiz + Self Study			
WED	5 Feb-25	3.4 Methods		19:00 - 22:00	Virtual
THU	6 Feb-25	Assignment + Quiz + Self Study			
FRI	7 Feb-25				
SAT	8 Feb-25	CO Coaching	10:00 - 13:00		F2F
SUN	9 Feb-25				
MON	10 Feb-25	3.5 Class & Attributes		19:00 - 22:00	Virtual
TUE	11 Feb-25	Assignment + Quiz + Self Study			
WED	12 Feb-25	3.6 OOP - Object Oriented Programming		19:00 - 22:00	Virtual
THU	13 Feb-25	CW Career Workshop #3: Job Search Strategy + Career Networking		19:00 - 22:00	Virtual
FRI	14 Feb-25	Assignment + Quiz + Self Study			
SAT	15 Feb-25	CO Coaching	10:00 - 13:00		F2F
SUN	16 Feb-25				
MON	17 Feb-25	3.7 Exceptions Handling & Logging		19:00 - 22:00	Virtual
TUE	18 Feb-25	Assignment + Quiz + Self Study			
WED	19 Feb-25	3.8 Multi-threading		19:00 - 22:00	Virtual
THU	20 Feb-25				
FRI	21 Feb-25	Assignment + Quiz + Self Study			
SAT	22 Feb-25	CO Coaching	10:00 - 13:00		F2F
SUN	23 Feb-25				

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MON	24 Feb-25	3.9	Introduction to Spring Boot		19:00 - 22:00	Virtual
TUE	25 Feb-25		Assignment + Quiz + Self Study			
WED	26 Feb-25	3.10	Dependency Manager with Maven		19:00 - 22:00	Virtual
THU	27 Feb-25		Assignment + Quiz + Self Study			
FRI	28 Feb-25					
SAT	1 Mar-25	CO	Coaching	10:00 - 13:00		F2F
SUN	2 Mar-25					
MON	3 Mar-25	3.11	Components and Annotations		19:00 - 22:00	Virtual
TUE	4 Mar-25		Assignment + Quiz + Self Study			
WED	5 Mar-25	3.12	REST Controller Annotations		19:00 - 22:00	Virtual
THU	6 Mar-25		Assignment + Quiz + Self Study			
FRI	7 Mar-25					
SAT	8 Mar-25	CO	Coaching	10:00 - 13:00		F2F
SUN	9 Mar-25					
MON	10 Mar-25	3.13	Entity & JPA Annotations		19:00 - 22:00	Virtual
TUE	11 Mar-25		Assignment + Quiz + Self Study			
WED	12 Mar-25	3.14	Unit Testing in Spring		19:00 - 22:00	Virtual
THU	13 Mar-25	CW	Career Workshop #4: Craft an Interview-oriented Resume		19:00 - 22:00	Virtual
FRI	14 Mar-25		Assignment + Module Quiz + Self Study			
SAT	15 Mar-25	CO	Coaching	10:00 - 13:00		F2F
SUN	16 Mar-25					
MON	17 Mar-25		Project			
TUE	18 Mar-25		Project			
WED	19 Mar-25		Project			
THU	20 Mar-25		Project			
FRI	21 Mar-25		Project			
SAT	22 Mar-25		Project			
SUN	23 Mar-25					
MON	24 Mar-25		Project			
TUE	25 Mar-25		Project			
WED	26 Mar-25		Project			
THU	27 Mar-25		Project			
FRI	28 Mar-25		Project			
SAT	29 Mar-25	PP	Project Presentation	10:00 - 13:00		
SUN	30 Mar-25					
<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	31 Mar-25	PH	Hari Raya Puasa			
TUE	1 Apr-25	4.1	Introduction to DevOps		19:00 - 22:00	Virtual
WED	2 Apr-25	4.2	Branching Strategies		19:00 - 22:00	Virtual
THU	3 Apr-25		Assignment + Quiz + Self Study			
FRI	4 Apr-25		Assignment + Quiz + Self Study			
SAT	5 Apr-25	CO	Coaching	10:00 - 13:00		F2F
SUN	6 Apr-25					
MON	7 Apr-25	4.3	Cloud Native Application - Containerization I		19:00 - 22:00	Virtual
TUE	8 Apr-25		Assignment + Quiz + Self Study			
WED	9 Apr-25	4.4	Cloud Native Application - Containerization II		19:00 - 22:00	Virtual
THU	10 Apr-25		Assignment + Quiz + Self Study			
FRI	11 Apr-25					
SAT	12 Apr-25	CO	Coaching	10:00 - 13:00		F2F
SUN	13 Apr-25					
MON	14 Apr-25	4.5	Continuous Integration		19:00 - 22:00	Virtual
TUE	15 Apr-25		Assignment + Quiz + Self Study			
WED	16 Apr-25	4.6	Continuous Deployment - Container		19:00 - 22:00	Virtual

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THU	17 Apr-25	Assignment + Quiz + Self Study			
FRI	18 Apr-25	PH Good Friday			
SAT	19 Apr-25	CW Career Workshop #5: Winning Job Interviews	10:00 - 13:00		F2F
SUN	20 Apr-25				
MON	21 Apr-25	4.7 Secret Management		19:00 - 22:00	Virtual
TUE	22 Apr-25	Assignment + Quiz + Self Study			
WED	23 Apr-25	4.8 Case Study & Project Prep		19:00 - 22:00	Virtual
THU	24 Apr-25				
FRI	25 Apr-25	Assignment + Module Quiz + Self Study			
SAT	26 Apr-25	CO Coaching	10:00 - 13:00		F2F
SUN	27 Apr-25				
MON	28 Apr-25	Project			
TUE	29 Apr-25	Project			
WED	30 Apr-25	Project			
THU	1 May-25	PH Labour Day			
FRI	2 May-25	Project			
SAT	3 May-25	PP Project Presentation	10:00 - 13:00		F2F
SUN	4 May-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	5 May-25	5.1 Introduction to React Native		19:00 - 22:00	
TUE	6 May-25	Assignment + Quiz + Self Study			
WED	7 May-25	5.2 React Native Components & Layout		19:00 - 22:00	
THU	8 May-25	Assignment + Quiz + Self Study			
FRI	9 May-25				
SAT	10 May-25	CO Coaching	10:00 - 13:00		
SUN	11 May-25				
MON	12 May-25	PH Vesak Day			
TUE	13 May-25	5.3 React Navigation		19:00 - 22:00	Virtual
WED	14 May-25	5.4 React Native with External Components		19:00 - 22:00	Virtual
THU	15 May-25	Assignment + Quiz + Self Study			
FRI	16 May-25	Assignment + Module Quiz + Self Study			
SAT	17 May-25	CO Coaching	10:00 - 13:00		F2F
SUN	18 May-25				
MON	19 May-25	Project			
TUE	20 May-25	Project			
WED	21 May-25	Project			
THU	22 May-25	CW Career Workshop #6: Group Coaching			
FRI	23 May-25	Project			
SAT	24 May-25	PP Project Presentation	10:00 - 13:00		F2F
SUN	25 May-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