

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

Date	Unit	Lesson Title	F2F (NTU@one-North)	Online Zoom	Mode of Delivery
MON	15 Apr-24	Project			
TUE	16 Apr-24	Project			
WED	17 Apr-24	Project			
THU	18 Apr-24	Project			
FRI	19 Apr-24	Project			
SAT	20 Apr-24				
SUN	21 Apr-24				
MON	22 Apr-24	CW Career Workshop #3: Job Search Strategy + Career Networking		19:00 - 22:00	Virtual
TUE	23 Apr-24	Project			
WED	24 Apr-24	Project			
THU	25 Apr-24	Project			
FRI	26 Apr-24	Project			
SAT	27 Apr-24	PP Project Presentation	10:00 - 13:00		F2F
SUN	28 Apr-24				
M3: BACKEND Fundamentals with Java Spring Boot & Database		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	29 Apr-24				
TUE	30 Apr-24	3.1 Introduction to Java		19:00 - 22:00	Virtual
WED	1 May-24	PH Labour Day			
THU	2 May-24	3.2 Operators & Control Flow		19:00 - 22:00	Virtual
FRI	3 May-24	Assignment + Quiz + Self Study			
SAT	4 May-24	CO Coaching	10:00 - 13:00		F2F
SUN	5 May-24				
MON	6 May-24	Assignment + Quiz + Self Study			
TUE	7 May-24	3.3 Arrays & Loops		19:00 - 22:00	Virtual
WED	8 May-24	Assignment + Quiz + Self Study			
THU	9 May-24	3.4 Methods		19:00 - 22:00	Virtual
FRI	10 May-24	Assignment + Quiz + Self Study			
SAT	11 May-24	CO Coaching	10:00 - 13:00		F2F
SUN	12 May-24				
MON	13 May-24				
TUE	14 May-24	3.5 Class & Attributes		19:00 - 22:00	Virtual
WED	15 May-24	Assignment + Quiz + Self Study			
THU	16 May-24	3.6 OOP - Object Oriented Programming		19:00 - 22:00	Virtual
FRI	17 May-24	Assignment + Quiz + Self Study			
SAT	18 May-24	CO Coaching	10:00 - 13:00		F2F
SUN	19 May-24				
MON	20 May-24	CW Career Workshop #4: Craft an Interview-oriented Resume		19:00 - 22:00	Virtual
TUE	21 May-24	3.7 Exceptions Handling & Logging		19:00 - 22:00	Virtual
WED	22 May-24	PH Vesak Day			
THU	23 May-24	3.8 Multi-threading		19:00 - 22:00	Virtual
FRI	24 May-24	Assignment + Quiz + Self Study			
SAT	25 May-24	CO Coaching	10:00 - 13:00		F2F
SUN	26 May-24				
MON	27 May-24	Assignment + Quiz + Self Study			
TUE	28 May-24	3.9 Introduction to Spring Boot		19:00 - 22:00	Virtual
WED	29 May-24	Assignment + Quiz + Self Study			
THU	30 May-24	3.10 Dependency Manager with Maven		19:00 - 22:00	Virtual
FRI	31 May-24	Assignment + Quiz + Self Study			
SAT	1 Jun-24	CO Coaching	10:00 - 13:00		F2F
SUN	2 Jun-24				
MON	3 Jun-24				

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

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FRI	26 Jul-24	Assignment + Module Quiz + Self Study			
SAT	27 Jul-24	CO Coaching	10:00 - 13:00		F2F
SUN	28 Jul-24				
MON	29 Jul-24	Project			
TUE	30 Jul-24	Project			
WED	31 Jul-24	Project			
THU	1 Aug-24	Project			
FRI	2 Aug-24	Project			
SAT	3 Aug-24	Project Presentation	10:00 - 13:00		F2F
SUN	4 Aug-24				
M5: Introduction to Mobile Development		Key Topics: Week 1: Introduction to React Native Week 2: Navigation and Styling Week 3: Project Creation			
MON	5 Aug-24				
TUE	6 Aug-24	5.1 Introduction to React Native		19:00 - 22:00	Virtual
WED	7 Aug-24	Assignment + Quiz + Self Study			
THU	8 Aug-24	5.2 React Native Components & Layout		19:00 - 22:00	Virtual
FRI	9 Aug-24	PH National Day			
SAT	10 Aug-24	CO Coaching	10:00 - 13:00		F2F
SUN	11 Aug-24				
MON	12 Aug-24	Assignment + Quiz + Self Study			
TUE	13 Aug-24	5.3 React Navigation		19:00 - 22:00	Virtual
WED	14 Aug-24	Assignment + Quiz + Self Study			
THU	15 Aug-24	5.4 React Native with External Components		19:00 - 22:00	Virtual
FRI	16 Aug-24	Assignment + Module Quiz + Self Study			
SAT	17 Aug-24	CO Coaching	10:00 - 13:00		F2F
SUN	18 Aug-24				
MON	19 Aug-24	Project			
TUE	20 Aug-24	Project			
WED	21 Aug-24	Project			
THU	22 Aug-24	Project			
FRI	23 Aug-24	Project			
SAT	24 Aug-24	PP Project Presentation	10:00 - 13:00		F2F
SUN	25 Aug-24				
MON	26 Aug-24				
TUE	27 Aug-24				
WED	28 Aug-24				
THU	29 Aug-24				
FRI	30 Aug-24	Graduation	15:00 - 17:00		F2F
SAT	31 Aug-24				
SUN	1 Sep-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 unforeseen circumstances