

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

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MON	15 Jul-24	Project			
TUE	16 Jul-24	Project			
WED	17 Jul-24	Project			
THU	18 Jul-24	Project			
FRI	19 Jul-24	Project			
SAT	20 Jul-24	Project			
SUN	21 Jul-24				
MON	22 Jul-24	Project			
TUE	23 Jul-24	Project			
WED	24 Jul-24	Project			
THU	25 Jul-24	CW	Career Workshop #3: Job Search Strategy + Career Networking	19:00 - 22:00	Virtual
FRI	26 Jul-24		Project		
SAT	27 Jul-24	PP	Project Presentation	10:00 - 13:00	F2F
SUN	28 Jul-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 Jul-24	3.1	Introduction to Java	19:00 - 22:00	Virtual
TUE	30 Jul-24		Assignment + Quiz + Self Study		
WED	31 Jul-24	3.2	Operators & Control Flow	19:00 - 22:00	Virtual
THU	1 Aug-24		Assignment + Quiz + Self Study		
FRI	2 Aug-24				
SAT	3 Aug-24	CO	Coaching	10:00 - 13:00	F2F
SUN	4 Aug-24				
MON	5 Aug-24	3.3	Arrays & Loops	19:00 - 22:00	Virtual
TUE	6 Aug-24		Assignment + Quiz + Self Study		
WED	7 Aug-24	3.4	Methods	19:00 - 22:00	Virtual
THU	8 Aug-24		Assignment + Quiz + Self Study		
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	3.5	Class & Attributes	19:00 - 22:00	Virtual
TUE	13 Aug-24		Assignment + Quiz + Self Study		
WED	14 Aug-24	3.6	OOP - Object Oriented Programming	19:00 - 22:00	Virtual
THU	15 Aug-24		Assignment + Quiz + Self Study		
FRI	16 Aug-24				
SAT	17 Aug-24	CO	Coaching	10:00 - 13:00	F2F
SUN	18 Aug-24				
MON	19 Aug-24	3.7	Exceptions Handling & Logging	19:00 - 22:00	Virtual
TUE	20 Aug-24		Assignment + Quiz + Self Study		
WED	21 Aug-24	3.8	Multi-threading	19:00 - 22:00	Virtual
THU	22 Aug-24		Assignment + Quiz + Self Study		
FRI	23 Aug-24	CW	Career Workshop #4: Craft an Interview-oriented Resume	19:00 - 22:00	Virtual
SAT	24 Aug-24	CO	Coaching	10:00 - 13:00	F2F
SUN	25 Aug-24				
MON	26 Aug-24	3.9	Introduction to Spring Boot	19:00 - 22:00	Virtual
TUE	27 Aug-24		Assignment + Quiz + Self Study		
WED	28 Aug-24	3.10	Dependency Manager with Maven	19:00 - 22:00	Virtual
THU	29 Aug-24		Assignment + Quiz + Self Study		
FRI	30 Aug-24				
SAT	31 Aug-24	CO	Coaching	10:00 - 13:00	F2F
SUN	1 Sep-24				
MON	2 Sep-24	3.11	Components and Annotations	19:00 - 22:00	Virtual

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

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