

Software Development Process Full Schedule

Jump to schedule for [mini-course 1 \(ud957\)](#) - [mini-course 2 \(ud175\)](#) - [mini-course 3 \(ud904\)](#) - [mini-course 4 \(ud494\)](#)

Dates in **bold** indicate hard deadlines for graded work. All other dates are suggestions for pacing.

Preparatory work

Week	Activity	Date Due	Notes
0	Orientation	1/15/14	Students should complete GT OMS orientation on Udacity before beginning course

Software Development Process 1: Software Engineering Intro

Activity	Start Date	Date Due	Video Run Time (Total: 1:57:19)
Lesson 1: Intro and Overview	1/15/14	1/22/14	25:58
Assignment 1: Team Matching Survey	1/15/14	11:55pm PST, Tuesday, 1/21	
Lesson 2: Lifecycle Models	1/15/14	1/22/14	23:34
Lesson 3: Integrated Development Environment (Eclipse)	1/22/14	1/29/14	16:32
Lesson 4: Version Control Systems (Github)	1/22/14	1/29/14	51:15
Assignment 2: Github setup	1/22/14	11:55pm PST, Tuesday, 1/28	
Assignment 3: Github usage	1/29/14	11:55pm PST, Friday, 1/31	
Project 1: Average Sentence Length	1/29/14	11:55pm PST, Friday, 2/7	
Project 1 Individual assessment	2/12/14	11:55pm PST, Monday, 2/17	

Software Development Process 2: Requirements and Prototyping

Activity	Start Date	Date Due	Video Run Time (Total: 2:21:45)
Lesson 1: Requirements Engineering	2/5/14	2/12/14	44:12
Lesson 2: Object Oriented Engineering and UML	2/5/14	2/12/14	57:32
Lesson 3: Android Development	2/12/14	2/19/14	40:01
Project 2: Android App - Deliverable 1	2/13/14	11:55pm PST, Friday, 2/21	
Project 2: Android App - Deliverable 2	2/24/14	11:55pm PST, Sunday, 3/2	(suggested)
Project 2: Android App - Deliverable 3	3/3/14	11:55pm PST, Sunday, 3/9	
Project 2: Android App - Final submission (Deliverable 4)	3/10/14	11:55pm PST, Sunday, 3/16	
Project 2 Individual assessment	3/16/14	11:55pm PST, Wednesday, 3/19	

Software Development Process 3: Design and Unified Software Process

Activity	Start Date	Date Due	Video Run Time (Total: 2:21:09)
Lesson 1: Software Architecture	2/26/14	3/2/14	44:23
Lesson 2: Software Design	2/26/14	3/2/14	37:26
Lesson 3: Design Patterns	3/9/14	3/13/14	24:24
Lesson 4: Unified Software Process	3/9/14	3/13/14	34:56
Project 3: Android App USB (Deliverable 1)	3/17/14	11:55pm PST, Sunday, 3/30/14	

Project 3: Android App USP (Deliverable 1)	3/17/14	11:55pm PST, Sunday, 3/30/14
Project 3: Android App USP (Deliverable 2)	3/31/14	11:55pm PST, Sunday, 4/13/14
Project 3: Android App USP (Deliverable 3)	4/14/14	11:55pm PST, Sunday, 4/27/14
Project 3: Android App USP (Deliverable 4)	4/28/14	11:55pm PST, Sunday, 5/4/14
Project 3 Individual assessment	5/4/14	11:55pm PST, Wednesday, 5/7

Software Development Process 4: Testing and Test Driven Development

Activity	Start Date	Date Due	Video Run Time (Total: 2:57:31)
Lesson 1: General Concepts	3/30/14	4/3/14	24:00
Lesson 2: Black Box Testing	3/30/14	4/3/14	48:08
Assignment 4: Category Partition	4/7/14	11:55pm PST, Sunday, 4/13/14	
Lesson 3: White Box Testing	4/13/14	4/17/14	38:31
Lesson 4: Agile Development Methods	4/13/14	4/17/14	28:16
Assignment 5: Testing with JUnit	4/14/14	11:55pm PST, Sunday, 4/20/14	
Assignment 6: Test Driven Development Assignment (1 of 3)	4/21/14	11:55pm PST, Sunday, 4/27	
Assignment 7: Test Driven Development Assignment (2 of 3)	4/28/14	11:55pm PST, Sunday, 5/4	
Lesson 5: Refactoring	4/27/14	5/3/14	38:36
Assignment 8: Test Driven Development Assignment (3 of 3)	5/5/14	11:55pm PST, Sunday, 5/11	

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