

Software Architecture

DIT344

Course organization updates



Schedule

We are
HERE!

Week		Date	Time	Lecture	
36	L1	Wed, 2 Sept	13:15 – 15:00	Introduction & Organization	Ho
37	L2	Wed, 9 Sept	13:15 – 15:00	Architecting Process & Views	Ho
37	S1	Thu, 10 Sept	10:15 – 12:00	<< Supervision/Assignment>>	TAs
38	L3	Wed, 16 Sept	13:15 - 15:00	Requirements & Quality Attributes	Sam Jobara
38	S2	Thu, 17 Sept	10:15 – 12:00	<< Supervision/Assignment>>	TAs
38	L4	Fri, 18 Sept	13:15 – 15:00	Architectural Tactics & Roles and Responsibilities	Truong Ho
39	S3	Wed, 23 Sept	13:15 – 15:00	<< Supervision/Assignment>>	TAs
39	L5	Thu, 24 Sept	10:15 – 12:00	Functional Decomposition & Architectural Styles P1	Truong Ho
39	L6	Fri, 25 Sept	13:15 – 15:00	Architectural Styles P2	Truong Ho
40	S4	Wed, 30 Sept	13:15 – 15:00	<< Supervision/Assignment>>	TAs
40	L7	Thu, 1 Oct	10:15 – 12:00	Architectural Styles P3	Sam Jobara
40	L8	Fri, 2 Oct	13:00 – 15:00	Guest Lecture: Scaling DevOps – GitHub's Journey from 500+ to 1500+ People	Johannes Nicolai
41	S5	Wed, 7 Oct	13:15 – 15:00	<< Supervision/Assignment>>	TAs
41	L9	Thu, 8 Oct	10:15 – 12:00	Current Industrial SW Architecture Issues: Software Architectures of Blockchain with Case Study	Sam Jobara
42	L10	Wed, 14 Oct	13:15 – 15:00	Design Principles	Truong Ho
42	S6	Thu, 15 Oct	10:15 – 12:00	<< Supervision/Assignment>>	TAs
42	L11	Fri, 16 Oct	13:15 – 15:00	Guest Lecture: Architecture changes at Volvo Truck's Application System (TAS)	Anders Magnusson
43	L12	Wed, 21 Oct	13:15 – 15:00	Architecture Evaluation	Truong Ho
43	L13	Thu, 22 Oct	10:15 – 12:00	Reverse Engineering & Correspondence	Truong Ho
43		Fri, 23 Oct	13:00 – 15:00	To be determined (exam practice?)	Teachers
44	Exam	30 Oct	8:30 – 12:30		

FAQs are available

- Announced September 11
- <https://chalmers.instructure.com/courses/10359/pages/faqs>
- Students, ***before asking a question***, are recommended to read this page to avoid duplicated topics.
- Questions are categorized into:
 - General Q&A about course settings
 - Q&A about the Assignments
 - Q&A about the Final Exam

Assignment schedule

Week		Date	Lecture	Assignment 1 – Task 1 (A1T1)	Assignment 1 – Task 2 (A1T2)	Assignment 2 (A2)
36	L1	Wed, 2 Sept	Introduction & Organization			
37	L2	Wed, 9 Sept	Architecting Process & Views	A1T1 released		
37	S1	Thu, 10 Sept	<< Supervision/Assignment>>	Planing A1T1		
38	L3	Wed, 16 Sept	Requirements & Quality Attr.			
38	S2	Thu, 17 Sept	<< Supervision/Assignment>>	Work A1T1		
38	L4	Fri, 18 Sept	Tactics & Roles			
39	S3	Wed, 23 Sept	<< Supervision/Assignment>>	Work A1T1		
39	L5	Thu, 24 Sept	Decomposition & Style P1	Hand-in A1T1		
39	L6	Fri, 25 Sept	Architectural Styles P2		A1T2 released	
40	S4	Wed, 30 Sept	<< Supervision/Assignment>>	Feedback A1T1	Planing A1T2	
40	L7	Thu, 1 Oct	Architectural Styles P3			
40	L8	Fri, 2 Oct	Industrial lecture 1			
41	S5	Wed, 7 Oct	<< Supervision/Assignment>>		Work A1T2	A2 released
41	L9	Thu, 8 Oct	Industrial lecture 2			
42	L10	Wed, 14 Oct	Design Principles			
42	S6	Thu, 15 Oct	<< Supervision/Assignment>>		Work A1T2	Work A2
42	L11	Fri, 16 Oct	Industrial lecture 3		Hand-in A1T2	
43	L12	Wed, 21 Oct	Architecture Evaluation		Feedback A1T2	
43	L13	Thu, 22 Oct	Reverse Engineering			Hand-in A2
43		Fri, 23 Oct	Exam practice			Tue, 27 Oct: Feedback A2
44	S7	Wed, 29 Oct	<< Supervision/Assignment>>			

Assignment schedule

We are
HERE!

Week		Date	Lecture	Assignment 1 – Task 1 (A1T1)	Assignment 2
36	L1	Wed, 2 Sept	Introduction & Organization		
37	L2	Wed, 9 Sept	Architecting Process & Views	A1T1 released	
37	S1	Thu, 10 Sept	<< Supervision/Assignment>>	Planing A1T1	
38	L3	Wed, 16 Sept	Requirements & Quality Attr.		
38	S2	Thu, 17 Sept	<< Supervision/Assignment>>	Work A1T1	
38	L4	Fri, 18 Sept	Tactics & Roles		
39	S3	Wed, 23 Sept	<< Supervision/Assignment>>	Work A1T1	
39	L5	Thu, 24 Sept	Decomposition & Style P1	Hand-in A1T1	
39	L6	Fri, 25 Sept	Architectural Styles P2		A1T2 released
40	S4	Wed, 30 Sept	<< Supervision/Assignment>>	Feedback A1T1	Work A1T2
40	L7	Thu, 1 Oct	Architectural Styles P3		
40	L8	Fri, 2 Oct	Industrial lecture 1		
41	S5	Wed, 7 Oct	<< Supervision/Assignment>>		Work A1T2
41	L9	Thu, 8 Oct	Industrial lecture 2		A2 released
42	L10	Wed, 14 Oct	Design Principles		
42	S6	Thu, 15 Oct	<< Supervision/Assignment>>		Work A1T2
42	L11	Fri, 16 Oct	Industrial lecture 3		Work A2
42	L12	Wed, 21 Oct	Architecture Evaluation		Hand-in A1T2
43	L13	Thu, 22 Oct	Reverse Engineering		Feedback A1T2
43		Fri, 23 Oct	Exam practice		Hand-in A2
44	Exam	30 Oct			Tue, 27 Oct: Feedback A2

I hope you notice

- Parallel assignments: **A1T2** and **A2**
- Hand-in deadlines
 - Gives 2 – 3 weeks on a hand-in
 - We try to avoid conflicts with course DIT341
- Meet the deadlines!
 - This allows us to give you timely feedback
 - Assignment schedule is **tight**, follows it or falls **behind!** (Yo :-D)
- From Week 39 – Week 41:
 - Lectures on Thursdays and Fridays
 - Supervisions sessions on Wednesdays

What's coming?

By end of Week 38

- 5 student representatives of the course to be announced!
- Reading list in a separated file
 - Elaborate reading chapters and more references
 - There will be an announcement about that

In Week 39 & 40:

- Self-study lecture about UML and most common UML diagrams
 - Self-study = Study from home on your own time
 - This gives a free slot in the last lecture (Oct. 23) for exam practice
 - I planned 6 short-videos (= 6 modules)
 - Introduction about UML and its diagrams
 - UML Usecases
 - UML Component diagram
 - UML Class Diagram
 - UML Sequence Diagram
 - UML Deployment Diagram