

Date	Time	Location	Content	Obligatory Literature	Supplementary Literature
2022-02-07	10.15	Aud 1	Course introduction		
2022-02-08	13.00	Aud 1	Introduction to C# (1)	CS, ch. 10	
2022-02-11	15.00	Absalon	Assignment #1 (individual) due		
2022-02-14	10.15	Aud 1	Introduction to C# (2)	CS, ch. 1-6,14,29	
2022-02-15	13.00	Aud 1	Introduction to C# (3)	CS, 12,13,15,16,20,26,27,32	
2022-02-18	15.00	Absalon	Assignment #2 (individual) due and resubmission Assignment #1		
2022-02-21	10.15	Aud 1	Introduction to C# (4)	CS, 12,13,15,16,20,26,27,32	
2022-02-22	13.00	Aud 1	Testing basics with Nunit/Test-driven development	AC, ch. 5 CC, ch. 22	
2022-02-25	15.00	Absalon	Assignment #3 (individual) due and resubmission Assignment #2		
2022-02-28	10.15	Aud 1	Object-oriented modelling (1), git tutorial	Slides	HFOOAD, UMLD
2022-03-01	13.00	Aud 1	Object-oriented modelling (2)	Slides	HFOOAD, UMLD
2022-03-04	15.00	Absalon and Github	Assignment #4 (individual and group) due and resubmission Assignment #3		
2022-03-07	10.15	Aud 1	Debugging and error analysis/test-driven development	Slides	
2022-03-08	13.15	Aud 1	Design patterns	AC, ch. 4	GoF
2022-03-11	15.00	Absalon and Github	Assignment #5 (individual and group) due and resubmission Assignment #6		
2022-03-14	10.15	Aud 1	Design patterns & SOLID principles	AC, ch. 7-11	Implementing design patterns in C#
2022-03-15	13.15	Aud 1	Defensive programming, design by contract	Slides	CC, ch. 8
2022-03-18	15.00	Absalon and Github	Assignment #6 (individual and group) due and resubmission Assignment #5		
2022-03-21	10.15	Aud 1	Specifying and Modelling Program Properties	Slides	
2022-03-22	13.00	Aud 1	Black-box testing	Slides	CC, ch. 30
2022-03-25	15.00	Absalon and Github	Assignment #7 (individual and group) due and resubmission Assignment #6		
2022-03-28	10.15	Aud 1	White-box testing	Slides	CC, ch. 23
2022-03-29	13.00	Aud 1	Essential tools, documentation style and generators, report writing	Slides	
2022-04-01	15.00	Absalon and Github	Resubmission Assignment #7 due		
2022-04-25	10.15	Aud 1	Object-oriented analysis and design	Slides	HFOOAD
2022-04-26	13.00	Aud 1	Code complexity and metrics	Slides	
2022-04-29	15.00	Absalon and Github	Assignment #8 (individual and group) due		
2022-05-02	10.15	Aud 1	Code quality	Slides	CC, ch. 21
2022-05-03	13.00	Aud 1	Refactoring	AC, ch. 6	CC, ch. 24
2022-05-09	10.15	Aud 1	Code reviews	Slides	
2022-05-10	13.15	Aud 1	Acceptance and integration testing	Slides	
2022-05-13	15.00	Absalon and Github	Assignment #9 (individual and group) due and resubmission Assignment #8		
2022-05-16	10.15	Aud 1	Software development life cycle / SCIENCE Innovation Hub	Slides	
2022-05-17	13.00	Aud 1	Netcompany/Agile Development	AC, ch. 13	
2022-05-23	10.15	Aud 1	Atari Women – Retro gaming and the women pioneers behind them/Configuration Management	Slides	
2022-05-24	13.00	Aud 1	Frameworks and libraries	Slides	CC, ch. 5-7, 20
2022-05-27	15.00	Absalon and Github	Assignment #10 (individual and group) due and resubmission Assignment #9		
2022-05-30	10.15	Aud 1	Secure programming	Slides	
2022-05-31	13.00	Aud 1	Oral presentations, Q&A, Evaluation		
2022-06-08	15.00	Absalon and Github	Exam: Group report and software repository due		