

Legend:	Meetings	Grading Deadlines (staff)	Deadlines (students)
	Self study	No course activities this week	Optional

Week	Dates	Study load	Event	Date and time	Room	Topic
Week 36	04/09 - 10/09	2	Lecture 1	Mon 04/09 15.30	CC4	Course introduction; Complexity theory
		4	Read the self study material and make the exercises (see learning task Complexity for details)			
Week 37	11/09 - 17/09	2	Workgroup	Thu 07/09 13.30	several	Form duos, Q&A complexity, programming report
		2	Lecture 2	Mon 11/09 15.30	CC4	Game search (minimax, alpha-beta, MCST)
		6	Self study and make exercises, start working on assignment (see learning task Search for details)			
		2	Workgroup	Thu 14/09 13.30	several	Assignment 1 (Four-in-a-row)
Week 38	18/09 - 24/09		Hand in optional exercise	Fri 15/09 23.59		Programming report
		2	Lecture 3	Mon 18/09 15.30	CC4	Minimum spanning tree & network flow
		6	Self study and make exercises, work on the assignment (see learning task Search for details)			
		2	Workgroup	Thu 21/09 13.30	several	Assignment 1 (Four-in-a-row)
Week 39	25/09 - 01/10	2	Lecture 4	Mon 25/09 15.30	CC4	Simulated Annealing + Intro planning
		6	Self study and make exercises, work on the assignment (see learning task Search for details)			
		2	Workgroup	Thu 28/09 13.30	several	Assignment 1 (Four-in-a-row)
			Hand in optional exercises	Fri 29/09 23.59		Complexity and Search
Week 40	02/10 - 08/10	2	Lecture 5	Mon 02/10 15.30	CC4	Constraint satisfaction + tree-width
		6	Self study and make exercises, finish the assignment (see learning tasks Search/Optimization for details)			
		2	Workgroup	Thu 05/10 13.30	several	Finish assignment 1; start assignment 2 (Sudoku)
			Deadline Assignment 1	Fri 06/10 23.59		Four-in-a-row programming assignment
Week 41	09/10 - 15/10	2	Lecture 6	Mon 09/10 15.30	CC4	Optimization problems, linear programming
		6	Self study and make exercises, start the assignment (see learning task Optimization for details)			
		2	Workgroup	Thu 12/10 3.30	several	Assignment 2 (Sudoku)
			Hand in optional exercises	Fri 13/10 23.59		Planning and Optimization (excl. SAT)
Week 42	16/10 - 22/10	2	reserve slot for lectures	Mon 16/10 15.30	CC4	Only if needed due to illness etc.
		6	Self study and exam preparation, work on the assignment (see learning task Optimization for details)			
		2	Workgroup	Thu 19/10 13.30	several	Assignment 2 (Sudoku)
			Optional: watch the web lecture on satisfiability (no exam material anymore)			
Week 43	23/10 - 29/10	2	Q&A session	Mon 23/10 15.30	online	Exam preparation
		6	Prepare for exam			
		2	EXAM part 1	Wed 25/10 8.30	TBD	Complexity / Search / Optimization
Week 44	30/10 - 05/11		No course-related activities scheduled (exam period)			
			Deadline Grading Assignment 1	Fri 03/11 23.59		Four-in-a-row programming assignment
Week 45	06/11 - 12/11	2	Lecture 7	Mon 06/11 15.30	CC4	Bayesian networks: conditional independence
		6	Self study and make exercises, work on the assignment (see learning task Bayesian Networks for details)			
Week 46	13/11 - 19/11	2	Workgroup	Thu 09/11 13.30	several	Assignment 2 (Sudoku)
		2	Lecture 8	Mon 13/11 15.30	CC4	Bayesian networks: inference and complexity
		6	Self study and make exercises, work on the assignment (see learning task Bayesian Networks for details)			
		2	Workgroup	Thu 16/11 3.30	several	Finish assignment 2, start assignment 3 (VarElimination)

Week 47	20/11 - 26/11	Deadline Resubmission 1		Fri 17/11 23.59	Four-in-a-row programming assignment	
		2	Lecture 9	Mon 20/11 15.30	CC4	Bayesian networks: approximation, learning, elicitation
		6	Self study and make exercises, finish the assignment (see learning task Bayesian Networks for details)			
		2	Workgroup	Thu 23/11 13.30	several	Assignment 3 (Variable Elimination)
		Deadline Grading Exam 1		Thu 23/11 23.59		Complexity / Search / Optimization
Week 48	27/11 - 03/12	Deadline Assignment 2		Fri 24/11 23.59	Sudoku assignment	
		2	Lecture 10	Mon 27/11 15.30	CC4	Bayesian networks: HMMs + the MAP problem
		6	Self study and make exercises, work on the assignment (see learning task Bayesian Networks for details)			
		2	Workgroup	Thu 30/11 13.30	several	Assignment 3 (Variable Elimination)
		Hand in optional exercises		Fri 01/12 23.59		Bayesian Networks
Week 49	04/12 - 10/12	2	Lecture 11	Mon 04/12 15.30	CC4	Decision making: utilities & decision networks
		6	Self study and make exercises, work on the assignment (see learning task Decision making for details)			
		2	Workgroup	Thu 07/12 13.30	several	Assignment 3 (Variable Elimination)
		Deadline Grading Resubmission 1		Fri 08/12 23.59		Four-in-a-row programming assignment
		2	Lecture 12	Mon 11/12 15.30	CC4	Decision making: MDPs and POMDPs
Week 50	11/12 - 17/12	6	Self study and make exercises, work on the assignment (see learning task Decision making for details)			
		2	Workgroup	Thu 14/12 3.30	several	Assignment 3 (Variable Elimination)
		Hand in optional exercises		Fri 15/12 23.59		Decision Making
		2	reserve slot for lectures	Mon 18/12 15.30	CC4	Only if needed due to illness etc.
		6	Self study and make exercises, finish the assignment (see learning task Bayesian Networks for details)			
Week 51	18/12 - 24/12	Deadline Grading Assignment 2		Thu 21/12 23.59	Four-in-a-row programming assignment	
		Deadline Assignment 3		Thu 21/12 23.59	Variable elimination programming assignment	
		Holiday week				
		2	Q&A session	Thu 04/01 15.30	online	Re-exam preparation
		2	Prepare for re-exam			
Week 1	01/01 - 07/01	2	Re-EXAM part 1	Mon 08/01 08.30	TBD	Complexity / Search / Optimization
		No course-related activities scheduled (exam period)				
		2	Q&A session	Thu 18/01 15.30	online	Exam preparation
		6	Prepare for exam			
		2	EXAM part 2	Mon 22/01 08.30	TBD	Bayesian Networks / Decision Making
Week 2	08/01 - 14/01	Deadline Grading Assignment 3		Fri 02/02 23.59	Variable elimination programming assignment	
		Deadline Grading Re-Exam 1		Tue 06/02 23.59	Complexity / Search / Optimization	
		Deadline Resubmission 2		Fri 09/02 23.59	Sudoku assignment	
		Deadline Grading Exam 2		Mon 19/02 23.59	Bayesian Networks / Decision Making	
		Week 3	15/01 - 21/01	Deadline Grading Resubmission 2		Fri 23/02 23.59
Deadline Resubmission 3				Fri 23/02 23.59	Variable elimination programming assignment	
Deadline Grading Resubmission 3				Fri 09/03 23.59	Variable elimination programming assignment	
2	Q&A session			TBD	online	Re-Exam preparation
2	Prepare for re-exam					
Week 4	22/01 - 28/01	2	Re-EXAM part 2	TBD	TBD	Bayesian Networks / Decision Making
		Deadline Grading Re-Exam 2		TBD	Bayesian Networks / Decision Making	
Week 5	29/01 - 04/02					
Week 6	05/02 - 11/02					
Week 8	19/02 - 25/02					
Week 10	05/03 - 11/03					
3rd period						