41951- ANÁLISE DE SISTEMAS

Classes plan (Weekly calendar)

See also: AS Timetable

Monday: P4, P3 [HTZ]	Tuesday: TP1	Wednesday: P6, P7 [JMF]	Thursday: P1 [ICO]
13/02 Lab 1- Modeling workflows (Activities)	14/02 TP1: Introduction to Systems Analysis and Design. UML track: UML overview. Activities.	15/02 Lab 1	16/02 Lab 1
20/02 Lab 2- Modeling requirements (Use cases)	21/02 [Carnival] @home: UML track: use cases (introduction).	22/02 Lab 2	23/02 Lab 2
27/02 Lab 3a- Modeling logical structure (Classes, essentials)	28/02 TP2: Principles of object-oriented analysis. UML track: Class diagrams.	01/03 Lab 3a	02/03 Lab 3a
06/03 Lab 3b- Modeling logical structure (Classes, compl.)	07/03 TP3: SDLC and Software Processes. Introduction to the Unified Process. Linear vs iterative approaches. Agile methods. UML track: Interaction diagrams.	08/03 Lab 3b	09/03 Lab 3b
13/03 Lab 4 – Modeling interactions (Sequence)	14/03 TP4: Inception. The digital transformation: aligning business and IT strategies. Process reengineering Group project for AS: goals, activities, roadmap.	15/03 Lab 4	16/03 Lab 4
20/03 Lab 5 – Architecture views (components, deployment)	21/03 TP5: Project management practices. WPB. Agile approaches (SCRUM, Kanban boards)	22/03 Lab 5	23/03 Lab 5
27/03 Project 1.1 Inception	28/03 TP6: What are requirements? (and why should I care about them) ➔ *Mid-term* **TP test** *[UML diagrams]*	29/03 Proj 1.1	30/03 Proj 1.1
03/04 [Easter break]	04/04 [Easter break]	05/04 [Easter break]	06/04 [Easter break]

Monday: P4, P3 [HTZ]	Tuesday: TP1	Wednesday: P6, P7 [JMF]	Thursday: P1 [ICO]
10/04 [Easter break]	11/04 ~~TP7: Product centric vs user centric requirements gathering. Use Case 2.0 (I. Jacobson).~~ P3, P4: Project 1.2 Inception (Present.) **T.B.C.**	12/04 Proj 1.2 (Present.)	13/04 Proj 1.2 (Present.)
17/04 Project 2.1 - Requirements	18/04 TP8: Structural models: domain model.	19/04 Project 2.1 - Requirements	20/04 Proj 2.1
24/04 [Academic week]	25/04 [Public holiday]	26/04 [Academic week]	27/04 [Academic week]
01/05 [Public holiday]	02/05 Invited talk: t.b.c.	03/05 Proj 2.2 Requirements (Present.)	04/05 Proj 2.2
08/05 Project 2.2 Requirements (Present.)	09/05 TP10: modeling the architecture.	10/05 Project 3.1	11/05 Project 3.1
15/05 Project 3.1 Increment 1	16/05 TP11: Principles for responsibility assignment in OO design. Collaboration (object-level and systems integration with API)	17/05 Project 3.2	18/05 Project 3.2
22/05 Project 3.2	23/05 TP12: Construction: quality assurance. Acceptance criteria.	24/05 Project 4.1	25/05 Project 4.1
29/05 Project 4.1 increment 2	30/05 TP13: Construction: continuous delivery.	31/05 Project 4.2	01/06 Project 4.2
05/06 Project 4.2 Final presentation	06/06 TP14: Topics for the exam.		
	19/06 **TP test**. [date t.b.c.]		