USN

MSc Course

ES-UML4100

The Teaching Schedule – **PRELIMINARY** - Version 2 - Autumn 2018

Week 33 (week 4 in this semester) (2 sessions): ***3rd and 4th September 2018***

Introduction to Subject, Introduction to UML

Lectures: UML: Dynamic Modelling with Use Cases

Workshop 1: Use Case Exercise

Workshop 2: Modelling Embedded Systems with UML – Research Paper

Week 38 (week 6 in this semester) (two sessions): ***17th and 19th September 2018***

Lectures: Object Orientation with UML Structural Aspect (text book Chapter 2)

Workshop: Analyzing Use Case Diagrams from the text book (see Chapter 5)

Lectures: Object Orientation with UML Structural Aspect (text book Chapter 2) (Contd.)

Workshop: Objects and Classes – Their Roles in Static and Dynamic Diagrams

Compulsory Assignment 1 given out

Week 40 (week 8 in this semester) (two sessions) ***1st and 3rd October 2018***.

Lectures: Object Domain Analysis (Text book Chapter 6)

Workshop: Objects and Classes – Their Roles in Static and Dynamic Diagrams

Lectures: Defining Object Behavior (Text book Chapter 7)

Workshop: Object Interactions and States

Week 41 (week 9 in this semester) (ONE Session on Wednesday) ***10th October 2018***

Assessment for Assignment 1 (at the group level)

Lectures: UML Static and Dynamic Models: Intro to the Revision of Chapters, 2,5,6,7)

Workshop: Object Interactions and States (contd.)

Week 42 (week 10 in this semester) (two sessions) ***15th and 17th October 2018***

Lectures: UML Static and Dynamic Models: Revision of Chapters, 2,5,6,7) (contd.)

Workshop: Consistency in UML Diagrams

Lectures: UML: Architectural Design (Text book Chapter 8)

Workshop: Architectural Deployments of UML Diagrams

Compulsory Assignment 2 given out

Week 43 (week 11 in this semester) (one session) ***22nd October 2018***

Lectures: UML Profiles

Workshop: Revision of UML Diagrams

Week 44 (week 12 in this semester) (one session) ***29th October 2018***

Lectures: UML Role in Modelling Software Intensive Systems

Workshop: Revision of UML Diagrams

Week 45 (week 13 in this semester) (one session) ***5th November 2018***

Lectures: Modelling in Engineering: The Power of UML

Workshop: Revision of UML Diagrams

Presentation for Assignment2 (group presentations)

Weeks 46,47,48 (weeks 14,15, and 16 in this semester) 12th, 19th and 26th November 2018

Revision for the exam