**Special Topics 1 in Artificial Intelligence**

**(Advanced Operating Systems), 7714261**

**Graduate studies (Master of Science)**

**Autumn 2020 (First semester 1399-1400)**

**Instructor:** Marjan Naderan, Assistant Professor, Shahid Chamran University of Ahvaz

**E-mail:** m.naderan@scu.ac.ir, marjan.naderan@gmail.com, Telegram ID: @MrjnNaderan

**Class time:** Saturdays, 3-6 p.m.

**Location:** lms99.scu.ac.ir, online and offline classes. All files are uploaded in this site.

**Grading policy:**

* Assignments (2-4): 4 points
* Students’ Presentations: 4 points
* Midterm exam: 4 points
* Final exam: 8 points

**Reference:**

* Tanenbaum, A. S., Van Steen, M., Distributed Systems, Principles and Paradigms, 3rd edition, Pearson Education, 2018.

**Notes:**

1. Class content from the book will be presented according to the time table in the next page.
2. Assignments will be given in each chapter.
3. Each student will be given one paper (or you can select from the papers which is uploaded in the site), and he/she must present it according to the deadline discussed in the class.

Course Time Table:

|  |  |
| --- | --- |
| Topic  | Date  |
| Introduction to the course, Chapter 1 | Week 1 |
| Chapter 1 | Week 2 |
| Chapter 1 | Week 3 |
| Chapter 1 | Week 4 |
| Chapter 2  | Week 5 |
| Chapter 2 | Week 6 (holiday) |
| Chapter 2 | Week 7 |
| Chapter 3 | Week 8 |
| Chapter 3, **Midterm** | Week 9 |
| Chapter 3 | Week 10 |
| Chapter 3 | Week 11 |
| Chapter 4 | Week 12 |
| Chapter 4 | Week 13 |
| Chapter 4 | Week 14 |
| Chapter 6 | Week 15 |
| Chapter 6 | Week 16 |