System Administration

Course Title: System Administration					
Course Code: CSD60002	**Student Workload:** 8.50 Hours/ Weeks	**Credits:** 3 Credits (4.50 ECTS)	**Semester:** 6th Semester	**Frequency:** Even Semester	**Duration:** 16 Weeks/ Semester (*Lecture*: 14 weeks; *Midterm assessment*: 1 week; *Final assessment*: 1 week)

1	**Types of Courses:** Technological Knowledge Course	**Contact Hours:** *Lecturing*: 1.67 Hours/ Week; *Practical Work*: 2.83 Hours/ Week	**Independent Study:** *Self-study:* 2.00 Hours/ Week; *Structured Assignment*: 2.00 Hours/ Week	**Class Size:** 40 Students
2	**Prerequisites for Participation** (If Applicable)**:** Computer Network			
3	**Learning Outcomes:** 1. M1: Able to describe the role system administrator (ILO-4) (0,1) 2. M2: Able to explain user access management (ILO-4) (0,1); (ILO-8) (0,2) 3. M3: Able to explain system backup management (ILO-4) (0,1); (ILO-8) (0,2) 4. M4: Able to implement management software on the system (ILO-8) (0,2); (ILO-9) (0,1)			
4	**Subject aims/Content:** At the end of the course, students are expected: 1. L1: Able to define the role of system administrator (M1) 2. L2: Able to explain the access control mechanism on the system (M2) 3. L3: Able to plan system backup mechanism (M3) 4. L4: Able to use system backup software (M4)			
5	**Teaching Methods:** Lecturing, Group Discussion, Discovery Learning, Case-Based Learning			
6	**Assessment Methods:** Performance test, essay, portfolio			
7	**This Course is Used in The Following Study Programme/s as Well:** -			
8	**Responsibility for Course:** Wibisono Sukmo Wardhono, S.T., M.T.			
9	Other Information: Bibliography: 1. Nemeth, Evi, Unix and Linux System Administration Handbook, 4th Edition, Pearson Education, 2011 2. Yahya, Widhy, Administrasi Sistem Server berbasis Linux, UB Press, 2018			