Audio and Video Processing Engineering

Course Title: Audio and Video Processing Engineering					
Course Code: CIE60057	**Student Workload:** 8.50 Hours/ Weeks	**Credits:** 3 Credits (4.50 ECTS)	**Semester:** 5th Semester	**Frequency:** Odd Semester	**Duration:** 16 Weeks/ Semester (*Lecture*: 14 weeks; *Midterm assessment*: 1 week; *Final assessment*: 1 week)

1	Types of Courses: Content Knowledge Course	Contact Hours: *Lecturing*: 2.50 Hours/ Week; *Practical Work*: 0.00 Hours/ Week		Independent Study: *Self-study:* 3.00 Hours/ Week; *Structured Assignment*: 3.00 Hours/ Week	Class Size: 40 Students
2	**Prerequisites for Participation** (If Applicable): -				
3	**Learning Outcomes:** 1. M1: Mastering basic concepts in audio and video production (ILO-4; ILO-6) (0,2; 0,3) 2. M2: Able to produce audio and video to support learning (ILO-10; ILO-12) (0,2; 0,3)				
4	**Subject aims/Content:** At the end of the course, students are expected: 1. L1: Mastering the basic techniques of audio and video production (M1) 2. L2: Mastering the latest technology to support audio and video production (M1) 3. L3: Able to carry out the audio video production process for learning content well and produce the correct output (M2) 4. L4: Able to create effective, creative, and quality audio-visual products to support learning (M2)				
5	**Teaching Methods:** Lecturing, Group Discussion, Case-Based Learning				
6	**Assessment Methods:** Multiple Choice, Performance Test, Peer Assessment				
7	**This Course is Used in The Following Study Programme/s as Well:** -				
8	**Responsibility for Course:** Hanifah Muslimah Az-Zahra, S.Sn., M.Ds. Tri Afirianto, S.T., M.T.				
9	**Other Information:** Bibliography: 1. J. Owens. 2017. Video Production Handbook. Taylor & Francis. 2. T. Dittmar. 2012. Audio Engineering 101: A Beginner's Guide to Music Production. Focal Press. 3. Supriyanto. 2019. Teknik Pengolahan Audio dan Video: (C3) Kelas XII. Kuantum Buku Sejahtera.				