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| **RANCANGAN MENGAJAR SEMESTER** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **NAMA PENSYARAH KURSUS    :** | | | | | **SESI     :** | | | | **JABATAN    :** | | | | | **PROGRAM     :** | | | | **KOD & NAMA KURSUS    :** | | | | |  | | | |  | | | | |  |  |  | | **WEEK/ DATE** | **TOPIC AND SPECIFIC OUTCOMES** | **CLO** | **PLO** | **TEACHING & LEARNING ACTIVITIES** | **ASSESSMENT** | **DATE OF IMPLEMENTATION** | **NOTES** | | 02/12/19 - 08/12/19 | **MINGGU TRANSFORMASI SISWA** | | | | | | | | 1 09/12/19 - 15/12/19 | **INTRODUCTION OF THE COURSE**  i. Explain the course outline  **THEORY**  **1.0 BASIC CONCEPTS OF ENGINEERING MECHANICS (CLO 1)** 1.1 Explain the concepts of mechanics 1.1.1 Describe the concepts of mechanics,  a. static  b. Dynamics c. Space  d. Particles e. rigid body f. Force  1.2 Differentiate the Newton’s Laws of Motion. 1.2.1 Explain First Law 1.2.2 Define Second Law 1.2.3 Define Third Law  **PRACTICAL**  1.0 Safety Procedure Briefing  2.0 Divide the group of student  1.1 Perform experiments and write appropriate reports related to engineering mechanics. 1.1.1 Use appropriate apparatus for the experiment 1.1.2 Conduct experiment on: a. Fundamentals of statics b. Equilibrium c. Structure d. Velocity and acceleration e. Force and motion f. Work and energy 1.1.3 Analyze experiment data and discuss the results.  CONTOH | CONTOH  CLO1C            CLO2P  CLO3A | PLO2            PLO4  PLO7 | -Course Outline  -registration on CIDOS  -Ice breaking    2H - Theory  2H - Practical | Practical Task  Report | 10/12/2019  [2 Hour]  11/12/2019  [2 Hour]    Oleh : | All Students able to explain the concepts of mechanics      All Students able to perform an experiment    Oleh :  All Students able to explain the concepts of mechanics      All Students able to perform an experiment      Oleh Asis: | |  |  |  |  |  |  |  |  | |  | **CUTI KHAS PERAYAAN** | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  | **CUTI PERTENGAHAN SEMESTER** | | | | | | | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  | **PEPERIKSAAN AKHIR** | | | | | | | |  | **PEPERIKSAAN AKHIR** | | | | | | | |  | **PEPERIKSAAN AKHIR** | | | | | | | | Disediakan Oleh: | | | | Disahkan Oleh: | | | | | .................................... (nama pensyarah )  Tarikh : | | | | ..................................................... (Tandatangan PENGARAH/ TP/ KJ/ KP/ KU)  Tarikh : | | | |   2 |