|  |
| --- |
| **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**  |
| 109/12/19 - 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 mechanics1.1.1 Describe the concepts of mechanics,  a. static b. Dynamicsc. Space d. Particlese. rigid bodyf. Force1.2 Differentiate the Newton’s Laws of Motion.1.2.1 Explain First Law1.2.2 Define Second Law1.2.3 Define Third Law **PRACTICAL**1.0 Safety Procedure Briefing2.0 Divide the group of student1.1 Perform experiments and write appropriate reports related to engineering mechanics.1.1.1 Use appropriate apparatus for the experiment1.1.2 Conduct experiment on:a. Fundamentals of staticsb. Equilibriumc. Structured. Velocity and acceleratione. Force and motionf. Work and energy1.1.3 Analyze experiment data and discuss the results. CONTOH |  CONTOHCLO1C     CLO2PCLO3A |  PLO2     PLO4PLO7  | -Course Outline-registration on CIDOS-Ice breaking  2H - Theory2H - 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 |