

MODULE HANDBOOK

Course:	Physics Workshop
Module Level:	Undergraduate
Code:	FII101
Sub-heading, if applicable:	-
Course included in the module, if applicable:	-
Semester/term:	2 nd / First Year
Module Coordinator:	Ir. Muzakki
Lecturer(s);	Ir. Muzakki and Franky Chandra Satria Arisgraha, S.T. M.T.
Language:	Bahasa Indonesia
Classification Within The Curriculum:	Compulsory Course/ Elective Course
Credit points:	2
Teaching format/ class hours per week during semester:	4 hours of lectures (50 min / hour)
Workload:	4 hours of doing worksheet and pretest preparation, 4 hours of laboratory work, 4 hours of group discussion, searching literature and writing report, 13 weeks per semester, and total of 156 hours per semester ~ 5,2 ECTS*
Requirement(s):	-
Learning Goals/Competences:	<p>General Competence (Skills) : After attending this course, students can operate the mechanical instruments with specific function correctly</p> <p>Specific Competence : Operation of Lathe Machine , metal, plastic, and wood processing</p>
Contents:	Cutting, filing, drilling, splicing, and processing of metal, PVC, and wood materials.
Soft Skill Attribute:	Effort and ethic
Study/Exam Achievements:	<p>Final score is calculated as follow: 60% assignment + 10% soft skill + 30% final exam</p> <p>Final grade is defined as follow:</p> <p>A : 75 - 100 AB : 70 - 74.99 B : 65 - 69.99 BC : 60 - 64.99 C : 55 - 59.99 D : 40 - 54.99 E : 0 - 39.99</p>
Forms of Media:	Laboratory equipments
Learning Methods:	Lecture, experiment, discussion and assignment
Literature(s):	<ol style="list-style-type: none"> ---, 2011, Pengenalan Bengkel dan Keselamatan Kerja, Depo Otomotif, -. Muzakki, 2017, Petunjuk Praktikum Bengkel Fisika/Mekanika, Departemen Fisika, Fakultas Sains dan Teknologi, Universitas Airlangga, Surabaya.

Notes:

*Total ECTS = {(total hours workload × 50 min) / 25 hours
Each ECTS is equals with 25 hours.