Module Description

Module name	Course Module
Module level, if applicable	Bachelor of Electrical Engineering
Code, if applicable	5115-081-2
Subtitle, if applicable	-
Course, if applicable	Bengkel Mekanik (Mechanical Workshop)
Semester(s) in which the module istaught	1st (odd semester)
Person responsible for the module	Lecturer of Course
Lecturer	Drs. Irzan Zakir, M.Pd
Language	Indonesian
Relation to Curriculum	This course is a compulsory course and offered in the 1st semester.
Type of teaching, contact hours	Teaching methods used in this course are: - Lecture (i.e., group investigation, and small group discussion,) - Practice (i.e., case study in laboratory) The class size for lecture is 20 students. Contact hours for lecture is 90 hours
Workload	For this course, students are required to meet a minimum of 90 hours in one semester
Credit points	2 credit points (equivalent with 3 ECTS)
Requirements according to the examination regulations	Students must have attended all practice and submitted all joobsheets that are scheduled before the final tests.
Recommended prerequisites	-
Module objectives/intended learning outcomes	After completing the course and given with this case: **Course Learning Objectives (CLO):** 1. Understanding regulations, norms, standards and work safety systems (15) 2. Explaining the various types of hand tools and machines (20) 3. Making tools/equipment for the purposes of Electrical Engineering (30)

	4. Implementing the use and maintenance of hand tools and machines (35)
	Students will learn about: equip students to be able to master various kinds of hand and machine tools, use and care for hand and machine tools, master regulations, norms, standards and work safety systems, make tools/equipment for Electrical Engineering purposes.
Forms of Assessment	Assessment is carried out based on 30 % work performance and 70 % joobsheet reports
Study and examination requirements and forms of examination	**Study and examination requirements:** Academic Cheating : - Students are required to comply with standard rules and policies regarding academic honesty and avoid plagiarism and cheating in exams. Acts of plagiarism and cheating in the exam will be given an E score on the exam Ethics in classes/laboratory: - Students are not allowed to wear clothes that show genitalia (tight/transparent). - Students do not use communication tools for purposes that are not related to learning. - Students do not make noise that disturbs the order of learning. **Form of examination:** Written exam: Joobsheets evaluation
Media employed	Direct Whiteboard, Power Point Presentation, practical devices
Reading list	**Main References:** 1. Daryanto, (1987), Mesin Perkakas Bengkel, Jakarta: PT Rineka Cipta 2. Dep P dan K (1979), Teori dan Praktik Kejuruan dasar Mesin, Jakarta: DitjenDikdasmen 3. Dep P dan K (1978), Petunjuk Kerja Bangku, Jakarta: Ditjen Dikdasmen 4. P. Van. Harten, Ir. E. Setiawan, "Instalasi Listrik Arus Kuat 1", Bandung: Binacipta 1981. 5. Sama'mur PK. (1987) Keselamatan Kerja dan Pencegahan Kecelakaan, Jakarta:PT Saksama **Supporting References:** 1. Aris S. RPS Praktikum Bengkel Mekanik. Jakarta, 2020. 2. P. Van Harten, Ir. E. Setiawan, Instalasi Listrik Arus Kuat 1,. 3. Kerja Bangku, P5D, 1999.