



Diponegoro University
Faculty of Science and Mathematics
Undergraduate Program Of Chemistry

Module designation	Experimental in General Physics (PFD)
Semester(s) in which the module is taught	2
Person responsible for the module	Basic Physics Practice Team
Language	Indonesian
Relation to curriculum	Compulsory /elective/ specialisation
Teaching methods	Labwork
Workload (incl. contact hours, self-study hours)	Face to Face: 1 x (1 x 50 min); Self Study : 1 x (1 x 60 min); Structured tasks : 1 x (1 x 60 min)
Credit points	1
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	After following this practicum, students are able to understand (C2) the theory that has been obtained and analyze (C4) data through practicum (P2)
Content	<ol style="list-style-type: none"> 1. Briefing 2. Coulomb's Law (I) 3. Coulomb's Law (II) 4. Parallel Plate Capacitor (I) 5. Parallel Plate Capacitor (II) 6. Magnetic field (I) 7. Magnetic field (II) 8. Magnetic Force (I) 9. Magnetic Force (II) 10. Ohm's Law (I) 11. Ohm's Law (II) 12. Faraday's Law of Induction (I) 13. Faraday's Law of Induction (II) 14. AC current (I) 15. AC current (II) 16. Exam (Response)

Exams and assessment formats	Response
Study and examination requirements	-
Reading list	-