FI581 Seminar on Physics

Module name:	Seminar on Physics
Module level, if applicable:	Undergraduate
Code:	FI581
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	7th
Module coordinator:	Dadi Rusdiana
Lecturer(s):	Dadi Rusdiana, Andhy Setiawan, Wiendartun, Mimin Iryanti, M. Arifin
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory course

Type of Teaching	Contact hours per week during the semester	Class Size
1. Lecture (seminars and discussion). 2. Structured activities (Preparing seminar and making report) 3. Self-study (reading literature)	2 hours 30 minutes	20

Workload:	The total workload is 136 hours (4.8 ECTS/8160 minutes) per semester, consisting of 2100 minutes (1.23 ECTS) lectures, 1260 minutes (0.74 ECTS) exercise, 2280 minutes (1.34 ECTS) structured activities, 2520 minutes (1.49 ECTS) self-study per week for 16 weeks
Credit points:	4.8 ECTS
Pre-requisites course(s):	-
Course Learning Outcomes (CLO):	After taking this course, the students have the ability to: CLO1. Analyze data techniques in the field of physical science, which is the focus of his study. CLO2. Make appropriate decisions in the context of solving problems based on the results of information and data analysis. CLO3. Predict the potential application of behavior of physical phenomena in technology CLO4. Disseminate the results of the study of problems in the form of reports according to standard scientific principles. CLO5. Show good responsibility, autonomy, struggle, and be an entrepreneur
Content:	Knowledge of technology based on physics and application

	No	CLO	Assessment Object	Assessment Techniques	Weight
Study/exam achievements:	1	1 – 5	Subject specific competence:		

			a. Individual assignments b. Presentation c. Report	Written Performance Written	20% 40% 40%	
	Total				100%	
	The final mark will be weight as follow:					
Forms of media:	Board, LCD Projector, Laptop/Computer, LMS					
Literature:	1. Journals according to the subject group of science 2. The article according to the subject group of science. 3. Pedoman penulisan Tugas akhir, Penerbit UPI					

PLO and CLO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CLO1							√					
CLO2								√				
CLO3							√					
CLO4									√			
CLO5										√		