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Undergraduate Programme in Physics

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MODULE HANDBOOK

Module Name	Geophysical Project Management
Module level, if applicable	Bachelor
Code, if applicable	FIS424056
Subtitle, if applicable	-
Courses, if applicable	Geophysical Project Management
Semester(s) in which the module is taught	7th (seventh)
Person responsible for the module	Dr. Thaqibul Fikri Niyartama, S.Si., M.Si
Lecturer(s)	Dr. Thaqibul Fikri Niyartama, S.Si., M.Si
Language	Indonesia
Relation to curriculum	Elective course in the fourth year (7th semester) Bachelor Degree
Type of teaching, contact hours	150 minutes lectures and 180 minutes structured activities per week.
Workload	Total workload is 136 hours per semester, which consists of 150 minutes lectures per week for 14 weeks, 180 minutes structured activities per week, 180 minutes individual study per week, in total is 16 weeks per semester, including mid exam and final exam
Credit points	3
Requirements according to the examination regulations	
Recommended prerequisites	No prerequisites stated on
Module objectives/intended learning outcomes	After completing this course, the students: CO 1. Able to explain the concept of humans as caliph fil ardl in Geophysical Project Management CO 2. Able to compare and show how project management tasks for Geophysical Project Management of near surface geophysics CO 3. Able to analyze concept of leadership and HR management CO 4. Able to explain Planning functions and processes, also Planning techniques and methods
Content	a. The concept of humans as khalifaih fil ardl in exploration b. Geophysical methods for exploration and near surface exploration c. Principles of geophysical exploration project management d. Geophysical project management tasks e. The concept of leadership and HR management f. Planning functions and processes g. Planning techniques and methods h. Economic analysis of the geophysics project

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Study and examination requirements and forms of examination

The final mark will be weighted as follows:

NO	Assessment methods (components, activities)	Weight (percentage)
1	Final Examination	40%
2	Mid-Term Examination	30%
3	Class Activities: Quiz, Homework, etc.	30%

The final assessment is expressed in the form of a letter value converted from a number value with the following categories:

NO	Number Value	Letter Value	NO	Number Value	Letter Value
1	≥ 95	A	7	65-69.99	B/C
2	90-94.99	A-	8	60-64.99	C+
3	85-89.99	A/B	9	55-59.99	C
4	80-84.99	B+	10	50-54.99	C-
5	75-79.99	B	11	55-34.99	D
6	70-74.99	B-	12	<35	E

Media employed: White-board, Lcd Projector, e-learning (https://daring.uin-suka.ac.id/)

Reading list:

1. El-Reedy M., A., 2016, Project Management in oil and gas industry, Wiley Publisher
2. Soeharto, I., 1997, Manajemen proyek: Dari Konseptual sampai Operasional, Erlangga

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
CO 1		√	√	√					
CO 2		√	√	√					
CO 3		√	√	√					
CO 4		√	√	√					