



	INSTITUT TEKNOLOGI SEPULUH NOPEMBER	
	FACULTY OF CIVIL PLANNING AND GEO ENGINEERING	
	GEOPHYSICAL ENGINEERING DEPARTMENT	
	UNDERGRADUATE PROGRAM STUDY	
	Course	Course Name
Course Code		CF234550
Credit		2 (Two)
Semester		5 (Five)
COURSE DESCRIPTION		
problems and aspects of geological potential that can be applied for geotourism purposes and implementing them for personal purposes or involving the environment, including for commercial entrepreneurial purposes.		
PROGRAM LEARNING OUTCOMES (PLO)		
PLO-4	Able to explain the principles of mathematics, natural science, geology, geospatial, instrumentation, information technology, engineering principles and design into geophysical engineering procedures, processes, systems or methodologies.	
COURSE LEARNING OUTCOMES (CLO)		
CLO-1	able to applythe principles of mathematics, natural sciences, information technology and engineering principles into the procedures and processes of developing geotourism	
CLO-2	Able to implement geological science for the development of geotourism	
CLO-3	Able to solve geophysical engineering problems in depth to optimize the use of geotourism and reduce disaster risk	
CLO-4	Able to be responsible for the results of own and group work through reports	
SUB COURSE LEARNING OUTCOMES (SUB CLO)		
Sub CLO-1	[C4, P4, A4] Able to explain the process of forming natural landscapes (geomophology) which have the potential to develop geotourism,	
Sub CLO-2	[C4,P4,A4] Able to explain geotourism areas and/or risk of geological disaster	
Sub CLO-3	[C4, P4, A4] Able to create a Business Continuity Plan for geotourism areas that are at risk of disaster	
Sub CLO-4	[C4, P4, A4] Able to explain the implementation of geophysical engineering problems in the earth field and present them in scientific writing and communication	
STUDY MATERIALS		
1. Geotourism and Geopark 2. Disaster mitigation 3. Business Continuity Plan		
REQUIREMENTS		
Physical Geology and Structural Geology		
REFERENCES		
1. Hamblin, WK, 1982; The Earth's Dynamic Systems; 3rd Edition. Minesotta. 2. https://www.bnpb.go.id/home/get_publicasi/12/buku 3. https://www.bnpb.go.id/home/get_publicasi/13/jurnal		