

KI1101 - General Chemistry

COURSE LESSON PLAN				
STUDY PROGRAM: METEOROLOGY				
FACULTY/SCHOOL: FACULTY OF EARTH SCIENCES AND TECHNOLOGY				
INSTITUT TEKNOLOGI BANDUNG				
Course Code: KI1101		Credits: 3 SKS	Semester: 1	Course Type: Compulsory course
Course Name		Kimia Dasar		
		General Chemistry		
Related Course	MA1101	Mathematics		Co-requisite
	FI1101	General Physics		Co-requisite
	WI1111	Basic Science Laboratory		Co-requisite
Study Materials	Elements, Molecules, and the Periodic Table			Express
	Mole Concept and Stoichiometry			Express
	Stoichiometry for Chemical Reactions in Water			Express
	Stoichiometry for Redox Reactions			Express
	Stoichiometry for Reactions in the Gas Phase			Express
	Energy and Its Changes			Express
	Atomic Structure			Express
	Chemical Bonding and Molecular Structure			Express
	Intermolecular Forces and Properties of Liquids			Express
	Solids			Express
Learning Outcomes				
Code		LO		
PLO-1.1		Capable of utilizing basic mathematics and science as a foundation to understand the fundamentals of meteorology.		
Code	CO	Elements of Course Learning Outcomes (CO)		
PLO-1.1	CO 1	Able to apply relevant chemical concepts to solve basic chemistry problems.		
	CO 2	Able to apply chemical concepts to relevant applications.		
Learning Methods		Lectures, discussions, and tutorials.		
Learning Modalities		Lecture: synchronous offline; Tutorial: synchronous online.		
Assessment Method		Quizzes, Midterm Exam, and Final Exam.		