MODULE HANDBOOK

Module Name	School Chemistry
Module level	Bachelor
Abbreviation, if applicable	8420402171
Sub-heading, if applicable	-
Course included in the	-
module, if applicable	
Semester/term	6 th /Third Year
Module coordinator(s)	Dian Novita, ST., M.Pd.
Lecturer(s)	1. Dr. Ismono, M.Si.
	2. Dr. Muchlis, M.Pd.
	3. Dian Novita, ST., M.Pd.
	4. Rusmini, S.Pd., M.Pd.
Language	Indonesian
Classification within the	Compulsory Course
leaching format/class	2 nours lecturers (50 min per nours)
nours per week during the	
Workload:	1 CU for bachalor degree equals to 2 workhours per weak or
workload:	170 minutes (50' face to face learning 60' structured learning
	and 60' independent learning). In one semester, courses are
	conducted in 14 weeks (excluding mid and end-term exam).
	Thus, 1 CU equals to 39.67 workhours per semester. One CU
	equals to 1.59 ECTS.
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Credit points: Prerequisite course(s):	2 CU = 2 x 1.59 = 3.18 ECTS -
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	5. Ionic Bonds and Metal Bonds
	6. Covalent Bonds and Chemical Reactions
	7. Properties of Substances and the Law of Gases
	8 Energy and Chemical Reactions
	9 Chemical Reactions and Equilibria
	10 Redox and Electrochemical Reactions
	11 Mixtures and Solutions
	12 Hydrocarbons Substituted Hydrocarbons and Their
	Reactions
	13. Chemistry in Everyday Life
Study / exam achievements:	Students are considered to be competent and pass if at least get 55
	Final score is calculated as follows: 20% participation + 30%
	assignment + 20% middle exam (UTS) & 30% final exam
	(UAS)
	Table index of graduation
	• $A = 4 (85 \le 100)$
	• $A_{-} = 3.75 (80 \le 85)$
	• $B = 35(75 < - 80)$
	• $B = 3(70 \le 75)$
	$B_{-} = 2.75 (65 \le . \le 75)$
	• $C + = 25(60 \le (-5))$
	• $C = 2(55 \le (60))$
	• $C = 2(35 \le 30)$ • $D = 1(40 \le 35)$
	• $D = 1 (40 \le -33)$ • $E = 0 (0 \le 40)$
	• $E = 0 (0 \le -40)$
Media:	Computer, LCD, White board
Learning Methods	Individuals assignment, group assignment, discussion,
	presentation, and practicum
Literature:	1. Dingrando, L., Gregg, K.V., Hainen, N., Wistrom, C. 1990.
	Chemistry: Matter & Change, Student Edition (GLENCOE
	CHEMISTRY) 2nd Edition. USA: John Wiley & Sons
	Limited.
	2. Brady, J.E., Jespersen, N.D., Hyslop, A. 2014. Chemistry.
	USA: John Wiley & Sons Limited.
	3. Brady, E. James. 1990. General Chemistry: Principles and
	Structure. USA: John Wiley & Sons Limited.