



UNIVERSITAS NEGERI YOGYAKARTA
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES
 DEPARTMENT OF CHEMISTRY
 1 Colombo Street Yogyakarta 55281
 Phone (0274) 565411, Ext. 1398, Fax (0274)548203
 Website: <http://kimia.fmipa.uny.ac.id>, E-mail: kimia@uny.ac.id

Bachelor of Science in Chemistry

MODULE HANDBOOK

Module name:	Entrepreneurship										
Module level, if applicable:	Undergraduate										
Code:	MKU6212										
Sub-heading, if applicable:	-										
Classes, if applicable:	2										
Semester:	2 nd										
Module coordinator:	Ir. Endang Dwi Siswani, M.T.										
Lecturer(s):	1. Ir. Endang Dwi Siswani, M.T. 2. Dr. Crys Fajar Partana										
Language:	Bahasa Indonesia and English										
Classification within the curriculum:	Compulsory Subject										
Teaching format / class hours per week during the semester:	100 minutes lectures, 120 structured activities and 120 individual study per week										
Workload:	Total workload is 90,67 hours per semester which consists of 100 minutes lectures, 120 structured activities and 120 individual study per week for 16 weeks										
Credit points:	2 SKS (3 ECTS)										
Prerequisites course(s):	-										
Course Outcome:	<p>After taking this course, the students are expected to be able to:</p> <table border="1" style="width: 100%;"> <tr> <td>CO1</td> <td>Understanding entrepreneurial ethics</td> </tr> <tr> <td>CO2</td> <td>Mastering the concept of risk taking, business attitude, leadership, and factor X</td> </tr> <tr> <td>CO3</td> <td>Communicate the idea of "starting an entrepreneur"</td> </tr> <tr> <td>CO4</td> <td>Understand the role of ICT in the field of entrepreneurship</td> </tr> <tr> <td>CO5</td> <td>Applying entrepreneurial creativity and action oriented</td> </tr> </table>	CO1	Understanding entrepreneurial ethics	CO2	Mastering the concept of risk taking, business attitude, leadership, and factor X	CO3	Communicate the idea of "starting an entrepreneur"	CO4	Understand the role of ICT in the field of entrepreneurship	CO5	Applying entrepreneurial creativity and action oriented
CO1	Understanding entrepreneurial ethics										
CO2	Mastering the concept of risk taking, business attitude, leadership, and factor X										
CO3	Communicate the idea of "starting an entrepreneur"										
CO4	Understand the role of ICT in the field of entrepreneurship										
CO5	Applying entrepreneurial creativity and action oriented										
Content:	This course aims to equip students in building spirit / soul and character of entrepreneurship, understanding the concept of entrepreneurship, and practicing entrepreneurial skills. The scope of this subject matter includes: spirit / soul development and entrepreneurial character, achievement motivation, creative thinking, entrepreneurial nature, business ethics and social responsibility, seeking new ideas, production management, finance, marketing and HR, business opportunities, business plans.										
Course Outcomes:	Attitude assessment is carried out at each meeting by observation and/or self-assessment techniques using the assumption that basically every student has a good attitude. The student is marked very good or not good attitude if they										

	<p>show it significantly compared to other students in general. The result of attitude assessment is not taken into account in the final grades, but as one of the requirements to pass the course. Students will pass from this course if at least have a good attitude.</p> <p>The final mark will be weight as follow:</p> <table border="1"> <thead> <tr> <th>No</th> <th>CO</th> <th>Assessment Object</th> <th>Assessment Technique</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td rowspan="4">1</td> <td rowspan="4">CO1, and CO2,</td> <td>a. Assignments</td> <td>Presentation / written test</td> <td>20%</td> </tr> <tr> <td>b. Mid-term Exam</td> <td>Written Test</td> <td>30%</td> </tr> <tr> <td>c. Final Exam</td> <td>Written Test</td> <td>30%</td> </tr> <tr> <td>d. Participation</td> <td></td> <td>20%</td> </tr> <tr> <td colspan="4">Total</td> <td>100%</td> </tr> </tbody> </table>	No	CO	Assessment Object	Assessment Technique	Weight	1	CO1, and CO2,	a. Assignments	Presentation / written test	20%	b. Mid-term Exam	Written Test	30%	c. Final Exam	Written Test	30%	d. Participation		20%	Total				100%
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		c. Final Exam	Written Test	30%																					
		d. Participation		20%																					
Total				100%																					
Forms of media:	Board, LCD Projector, Laptop/Computer																								
References:	<p>Rhenald Kasali, Dkk (2010), Modul Kewirausahaan, Penerbit Hikmah (PT Mizan Publika), Jakarta</p> <p>Westhead, P. & Wright, P. (2013). <i>Entrepreneurship: A Very Short Introduction</i>. Oxford: Oxford University Press</p> <p>Bessant, J. & Tidd, J. (2007). <i>Innovation and Entrepreneurship</i>. United Kingdom: John Willey and Sons</p> <p>Cheng, H.N. et al (2017) <i>Chemistry Without Borders: Careers, Research, and Entrepreneurship</i>. American Chemical Society</p> <p>Suggested Reading:</p> <p>Buchari Alma. (2006). <i>Kewirausahaan</i>. Edisi kesepuluh. Bandung: Alfabeta</p> <p>Geoffrey G. Meredith dkk. (1996) <i>Kewirausahaan, Teori dan Praktek</i>. Edisi kelima. Jakarta: PT Pustaka Binaman Pressindo.</p> <p>Justin G. Longenecker dkk.(2001). <i>Kewirausahaan Manajemen Usaha Kecil</i>. Jakarta: PT. Salemba Empat Patria.</p> <p>Rusman Hakim. (1998). <i>Kiat Sukses Berwiraswasta</i>. Edisi Kedua. Jakarta: PT Elex Media Media Komputindo.</p>																								

PLO and CO mapping

	PLO										
	Attitude	General Skill			Knowledge				Specific Skill		
	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	
CO1	√										
CO2		√									
CO3			√								
CO4				√							
CO5										√	