
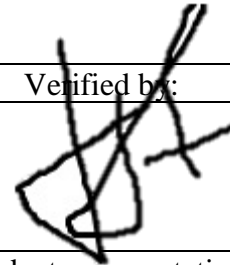
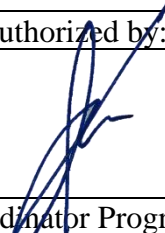




Faculty of Natural Sciences and Mathematics  
Chemistry Department  
Chemistry Education Study Program

Module name		<b>Teaching and Learning Strategies</b>		
Module level, if applicable		2 <sup>nd</sup> year		
Code, if applicable		SPK-433		
Semester(s) in which the module is taught		4 <sup>th</sup> semester		
Person responsible for the module		Krisna Merdekawati, M.Pd.		
Lecturer		Krisna Merdekawati, M.Pd. Widinda Normalia Arlianty, M.Pd.		
Language		Indonesia		
Relation to curriculum		<i>Compulsory</i>		
Teaching methods	Class size	Forms of active participation	Workload 91 hours	
Collaborative learning, project based learning	50-60	Discussion	Lecture: 100 (min) x 16 (meeting)	27 hours
			Assignment: 120 (min) x 16 (week)	32 hours
			Independent study: 120 (min) x 16 (week)	32 hours
ECTS credit		3.25		
Credit points		2 SCU		
Requirements according to the examination regulations		Minimum attendance at lectures is 75% (according to UII regulation)		
Recommended prerequisites		N/A		
Related course		-		
Module objectives/intended learning outcomes		On successful completion of the course students should be able to: 1. Analyze and determine appropriate learning strategies used in chemistry learning 2. Design chemistry lessons appropriately		
Content		<ul style="list-style-type: none"> <li>learning approaches</li> <li>variations in learning models and methods</li> </ul>		
Study and examination requirements and forms of examination		Final score (NA) is calculated as follows:		
		Intended learning outcomes	Weight (%)	Technique of assessment
		1	30	Written test (midterm)

	2	70	Written test (final examination) Non test: project assessment
Media employed	Power point slide presentation, video, Google classroom		
Reading list	<p>Rockler, J., Michael, 2000, Innovative Teaching Strategies, Goursuch Scarisbrick, USA.</p> <p>Sanjaya,Wina., 2008, Strategi Pembelajaran; Berorientasi Standar Proses Pendidikan, Kencana Prenada Media Group, Jakarta.</p> <p>Sumantri, M., 2012, Strategi Belajar Mengajar, CV Maulana, Bandung.</p> <p>Pritchard, A &amp; Woolard, J., 2010, Psychology for the Classroom: Constructivism and Social Learning, Routledge 2 Park Square, Milton Park, Abingdon, Oxon</p> <p>K. Merdekawati, Ketrampilan Dasar Mengajar, 2019, UII Press.</p>		

Prepared by:	Verified by:	Authorized by:
		
Person responsible for the module	Student representative	Coordinator Program