

**UNDERGRADUATE PROGRAM IN COMPUTER SCIENCE  
DEPARTMENT OF COMPUTER SCIENCE AND ELECTRONICS  
FACULTY OF MATHEMATICS AND NATURAL SCIENCES  
UNIVERSITAS GADJAH MADA**

Module name	<b>Social Informatics</b>	
Module level	Undergraduate	
Code	MII-4523	
Courses (if applicable)	Social Informatics	
Semester	Fall	
Contact person	Dra Susi Daryanti, M.Sc.	
Lecturer	Dra Susi Daryanti, M.Sc. Drs. Bambang Prastowo, MSc	
Language	Bahasa Indonesia and English	
Relation to curriculum	1. Undergraduate degree program; elective; 3 <sup>rd</sup> , 5 <sup>th</sup> , or 7 <sup>th</sup> semester. 2. International undergraduate program; elective; 3 <sup>rd</sup> , 5 <sup>th</sup> , or 7 <sup>th</sup> semester.	
Type of teaching, contact hours	1. Undergraduate degree program: lectures, < 60 students, 2. International undergraduate program: lectures, < 30 students	
Workload	1. Lectures: 3 x 50 = 150 minutes (2 hours 30 minutes) per week. 2. Exercises and Assignments: 3 x 60 = 180 minutes (3 hours) per week. 3. Private study: 3 x 60 = 180 minutes (3 hours) per week.	
Credit points	3 credit points (cr).	
Requirements according to the examination regulations	A student must have attended at least 75% of the lectures to sit in the exams.	
Recommended prerequisites	-	
Learning outcomes and their corresponding PLOs	After completing this module, a student is expected to:	
	<b>CO1</b> Introduction 1. Learning contract Explanation course material	LO- all
	<b>CO2</b> The Philosophy of Technologi and reserches 1. Philosophy of Tecnologi and Culture 2. Explanation Social Informatics Research Method based on ICT	LO – 1
	<b>CO3</b> Social-Economic aspects of ICT 1. The born of New Society	LO – 2, 3

	2. Social Construction of ICT Social-Economic aspect of ICT				
	<b>CO4</b> New Information Age 1. The born of Social Media 2. Connected Generation Digital Life-style	LO – 4			
	<b>CO5</b> Power and ICT Persuasive Technology Behaviour Change /Interactive Mind	LO – 5,6,7			
	<b>CO6</b> Presentation	LO – all			
	<b>CO7</b> Presentation Cont and Review	LO – all			
Content	<p>The Information and Communication Technology (ICT) has been existed in everyday life. The life with the ICT sometimes bring feel being positive or negative effects for humans.</p> <p>Tis course is trying to contribute in heping people to find their own feeling why it happened. It is because of the relationship the ICT and Society : how the ICT and society need to be shaped by humans in other to avoid risks and maximize human welfare.</p>				
Study and examination requirements and forms of examination	Mid-terms examination and Final examination.				
Media employed	LCD, whiteboard, websites, books (as references), etc.				
Assessments and Evaluation	<b>LO</b>	<b>Methods</b>	<b>Type</b>	<b>Percentage</b>	<b>Total</b>
	LO1	Quiz/Discusion 1	Formatif	5%	<b>10%</b>
		Question 1 mid-terms exam	Summatif	5%	
	LO2	Quiz/Discusion 2	Formatif	5%	<b>10%</b>
		Question 2 mid-terms exam	Summatif	5%	
	LO3	Quiz/Discusion 3	Formatif	5%	<b>10%</b>
		Question 3 mid-terms exam	Summatif	5%	
	LO4	Quiz/Discusion 4	Formatif	5%	<b>20%</b>
Question 4, 5 mid-terms exam		Summatif	5%		

	LO5	Quiz/Discusion 5	Formatif	5%	<b>10%</b>	
		Question 1 final exam	Summatif	5%		
	LO6	Quiz/Discusion 6	Formatif	5%	<b>15%</b>	
		Question 1, 2 final exam	Summatif	10%		
	LO7	Quiz/Discusion 7	Formatif	5%	<b>25%</b>	
		Question 3,4 final exam	Summatif	5%		
		Presentasi Tugas	Summatif	15%		
		Question 5 mid-terms exam	Summatif	5%		
	Reading List	<p><b>W1:</b> Bates, C, Web Programming: Building Internet Applications, 3rd edition, Wiley, 2006</p> <p><b>W2:</b> Mateu, C, Introduction to Web Applications Development, Free Technology Academy, 2010</p> <p><b>A1:</b> Groner, L., Learning JavaScript Data Structures and Algorithms, 2nd edition, Packt Publishing, 2016.</p> <p><b>A2:</b> Wilson.J.R, Node.js the Right Way: Practical, Server-Side JavaScript That Scales, Pragmatic Bookshelf, 2013</p>				