

Description of Course Unit
according to the ECTS User's Guide 2015

Course unit title	Transformasi Digital
Course unit code	MKU6212
Type of course unit (compulsory, optional)	compulsory
Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)	First Cycle Bachelor (EQF Level 6)
Year of study when the course unit is delivered (if applicable)	1 st Year
Semester/trimester when the course unit is delivered	2 nd Semester
Number of ECTS credits allocated	4 ECTS
Name of lecturer(s)	Novianto Yudha Laksana, M.Pd
Learning outcomes of the course unit	1. Developing the character of independence supported by a critical attitude towards the development of science, technology and information. 2. Demonstrate a collaborative and independent attitude in carrying out individual and group tasks 3. Able to document, store, secure, and retrieve data to ensure validity and prevent plagiarism. 4. Mastering the concepts and basics of Digital Transformation 5. Processing information as data for input in policy planning 6. Able to analyze a concept of Digital Transformation development from the aspect of input, output and process 7. Able to process information to solve problems related to the field of science occupied.
Mode of delivery (face-to-face, distance learning)	Synchronous and unsynchronous
Prerequisites and co-requisites (if applicable)	
Course content	1. The meaning of digital transformation 2. The role of technology in changing all fields 3. Technology-enabled Disruptions and their mechanisms 4. Digital Business Transformation Area 5. Information Capability for Competitive Advantage 6. Social Networks and Enterprise 2.0 7. Digital Trends Past and Future 8. Digital Ethics and Privacy 9. Cloud Technology & Big Data 10. Introduction to Programming 11. Blockchain 12. Introduction to Artificial Intelligence 13. Internet of Things

Recommended or required reading and other learning resources/tools	Main: - OECD, Key Issues For Digital Transformation In The G20. 2017 Secondary: - Gerhard Oswald, Michael Kleinemeier (eds.). Shaping the Digital Enterprise: Trends and Use Cases in Digital Innovation and Transformation, Publisher: Springer International Publishing, Year: 2017. ISBN: 978-3-319-40966-5, 978-3-319-40967-2															
Planned learning activities and teaching methods																
Language of instruction																
Assessment methods and criteria	The final score includes the results of the assessment of knowledge, general skills, and special skills obtained from individual assignments, group assignments, presentations, quizzes, Insertion Exams, and Final Semester Exams <table><tr><th>Assessment object</th><th>Assessment methods</th><th>criteria</th></tr><tr><td>presentations</td><td>Observation</td><td>10%</td></tr><tr><td>a. individual assignments</td><td rowspan="4">Written</td><td>20%</td></tr><tr><td>b. group assignments</td><td>15%</td></tr><tr><td>c. Insertion Exams</td><td>25%</td></tr><tr><td>d. Final Semester Exams</td><td>30%</td></tr></table>	Assessment object	Assessment methods	criteria	presentations	Observation	10%	a. individual assignments	Written	20%	b. group assignments	15%	c. Insertion Exams	25%	d. Final Semester Exams	30%
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