

Module designation	<i>Digital Transformation</i>
Semester(s) in which the module is taught	<i>1</i>
Person responsible for the module	<i>Fatma Agus Setyaningsih, M.Kom</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory course</i>
Teaching methods	<i>100 minutes lectures and 120 minutes structured activities per week.</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload is 136 hours per semester which consists of 150 minutes lectures, 180 minutes structured activities, and 180 minutes self-study per week for 16 weeks.</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<p><i>CO1. Demonstrate a collaborative attitude and independence in carrying out individual and group tasks.</i></p> <p><i>CO 2. Students are able to master current issues regarding the application of technology in various fields and the application of other relevant disciplinary theories.</i></p> <p><i>CO 3. Students are able to apply science and/or technology through scientific reasoning, using logical, critical, and innovative thinking, as well as responsibility.</i></p> <p><i>CO4. Students are able to communicate information and ideas through various media to the public in accordance with their field of expertise in a responsible and ethical manner</i></p> <p><i>CO 5. Students are able to use ICT-based tools that can support their field of expertise independently</i></p>

Content	<p>Digital transformation involves the use of digital technology to reorganize a process to make it more efficient or effective. The scope of discussion on Digital Transformation includes:</p> <ol style="list-style-type: none">1. The meaning of digital transformation2. The role of technology in changing all fields3. Technology-enabled Disruptions and their mechanisms4. Areas of Digital Business Transformation5. Information Capabilities for Competitive Advantage6. Social Networks and Enterprise 2.07. Past and Future Digital Trends8. Digital Ethics and Privacy9. Cloud Technology & Big Data10. Introduction to Programming11. Blockchain12. Introduction to Artificial Intelligence13. Internet of Things																				
Examination forms	CO1: 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.																				
Study and examination requirements	<p>The student is given a value of very good or not good attitude if they show it significantly compared to other students in general. The result of attitude assessment is not a component of 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><tr><th>No</th><th>CO</th><th>Assessment Object</th><th>Assessment Technique</th><th>Weight</th></tr><tr><td>1</td><td>CO 1</td><td>a. Presentation b. Discussion</td><td>Observation</td><td>5% 10%</td></tr><tr><td>2</td><td>CO 2, CO 3, CO 4, CO 5</td><td>a. Individual assignment b. Group assignment c. Quiz d. Midterm e. Final test</td><td>Written</td><td>10% 10% 20% 25%</td></tr><tr><td colspan="4">Total</td><td>100%</td></tr></table>	No	CO	Assessment Object	Assessment Technique	Weight	1	CO 1	a. Presentation b. Discussion	Observation	5% 10%	2	CO 2, CO 3, CO 4, CO 5	a. Individual assignment b. Group assignment c. Quiz d. Midterm e. Final test	Written	10% 10% 20% 25%	Total				100%
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Reading list	<p>OECD, Key Issues For Digital Transformation In The G20. 2017</p> <p>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</p>																				