

## Information Security

Course Title: Information Security					
<b>Course Code:</b> CIT620 18	<b>Student Workload:</b> 8.50 Hours / Weeks	<b>Credits:</b> 3 Credits (4.50 ECTS)	<b>Semester:</b> 4 <sup>th</sup> Semester	<b>Frequency:</b> Even Semester	<b>Duration:</b> 16 Weeks/ Semester ( <i>Lecture:</i> 14 weeks; <i>Midterm assessment</i> : 1 week; <i>Final assessment</i> : 1 week)
<b>1</b>	<b>Types of Courses:</b> Specific Skills	<b>Contact Hours:</b> <i>Lecturing:</i> 2.50 Hours/ Week; <i>Practical Work:</i> 0.00 Hours/ Week	<b>Independent Study:</b> <i>Self-study:</i> 3.00 Hours/ Week; <i>Structured Assignment:</i> 3.00 Hours/ Week	<b>Class Size:</b> 40 Students	
<b>2</b>	<b>Prerequisites for Participation (If Applicable):</b> -				
<b>3</b>	<b>Learning Outcomes:</b> 1. M1: Able to understand the basic concepts of information security. 2. M2: Able to understand technical aspects of information security. 3. M3: Able to understand the legal and ethical aspects of using information technology devices. 4. M4: Able to understand managerial aspects of information security.				
<b>4</b>	<b>Subject aims/Content:</b> At the end of the course, students are expected: 1. L1: Able to explain the types of threats and attacks on information assets. 2. L2: Able to explain the concept and workings of information security technology using access control, firewall, VPN, and Intrusion Detection Prevention System (IDPS). 3. L3: Able to explain the laws and regulations and ethics relevant to information security. 4. L4: Able to explain information security in an agency, including design, asset security methods, stages of implementing information security, risk management and the position, position and role of each related personnel with the implementation of information security.				
<b>5</b>	<b>Teaching Methods:</b> Lecturing, Group Discussion, Case-Based Learning				
<b>6</b>	<b>Assessment Methods:</b> Essay, Multiple-Choice, Project Assessment, Anecdotal Record/Logbook				
<b>7</b>	<b>This Course is Used in The Following Study Programme/s as Well:</b> -				
<b>8</b>	<b>Responsibility for Course:</b> 1. Ari Kusyanti, ST., MSc. 2. Hariz Farisi, S.Kom., M.T.				
<b>9</b>	<b>Other Information:</b> Bibliography: 1. Michael E. Whitman, Herbert J. Mattford, Principles of Information Security, edisi ke-4, Course Technology, 2012 2. ISO/IEC 27001 — Information security management 3. UU ITE				