

Course Code	TKIT161104
Course Name	Introduction to Information Technology
Course Instructors	Sri Suning Kusumawardani; Lesnanto Multa Putranto
Course Type	Required
Course Classification	Engineering Topics
Credit / Contact Hour per Week	2 / 100 minutes per Week
Course Description	Discuss all aspects of information technology: data and information, computer systems composed of hardware and software as well as its surrounding topics such as data processors, information systems, computer networks, telecommunications and the Internet as information distributors. As well as users or developers. Learned also the history of IT development and trends, IT utilization and management with respect to security and ethics, career in the IT world, and IT development process.
Prerequisites Courses	-
Covered Student Outcome	Fundamental Engineering Knowledge (a) Knowledge of Contemporary Issues (f) Professional and Ethical Responsibility (i) Engineering Awareness and Society (j)

Learning Mapping		
Code	Learning Outcome	Student Outcome
LO1	Students understand terms related to Information Technology	Fundamental and Engineering Knowledge (a)
LO2	Student able to explain the various types input and output equipment	Knowledge of Contemporary Issues (f)
LO3	Students know the ethics to consider when using Internet and apply it properly.	Professional and Ethical Responsibility (i)
LO4	Students can mention and explain about the risks, threats, and attacks that occur in IT utilization	Engineering Awareness and Society (j)
LO5	Student understand the technology and information systems within the organization.	Engineering Awareness and Society (j)

Topic	<ol style="list-style-type: none"> 1. Computer 2. Internet and WWW 3. Application Software 4. System Unit Components 5. Input Output 6. Storage 7. Operating System and Utilities 8. Communications and Networking 9. Database Management 10. Security, Safety, Ethics and IT Privacy 11. Information System Development 12. Programming language 13. Enterprise Computing 14. Career and Certification Field Computer 									
Direct Assessment	<table border="1"> <thead> <tr> <th>Direct Assessment Plan</th> <th>Measured Learning Outcome</th> </tr> </thead> <tbody> <tr> <td>Mid Exam</td> <td>LO1, LO2, LO3</td> </tr> <tr> <td>Final Exam</td> <td>LO3, LO4, LO5</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>		Direct Assessment Plan	Measured Learning Outcome	Mid Exam	LO1, LO2, LO3	Final Exam	LO3, LO4, LO5		
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Mid Exam	LO1, LO2, LO3									
Final Exam	LO3, LO4, LO5									
Indirect Assessment	Questionnaire and direct communication									
References	<p>[1] Cashman, S., 2012, Discovering Computers Fundamentals: Your Interactive Guide to the Digital, Cengage Learning.</p> <p>[2] Valacich, J. and Schneider, C., 2010, Information System Today: Managing in the</p>									

	<p>Digital World, 5th Ed., Pearson.</p> <p>[3] Haag, S. and Cummings, M., 2009, Information Systems Essentials, 3rd Ed., McGrawHill.</p> <p>[4] Stair, R. M. and Reynolds, G. W., 2012, Fundamentals of Information Systems, 6th Ed., Cengage Learning.</p> <p>[5] Laudon, K.C. and Laudon, J.P., 2010, Management Information Systems, Managing The Digital Firm, 9th Ed., Pearson.</p> <p>[6] Laudon, K.C. and Laudon, J.P., 2009, Essentials of Management Information Systems, 8th Ed., Pearson.</p>
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