



Module Description

Module name	Information Technology Management
Module level, if applicable	Bachelor of Informatics
Code, if applicable	21D12141003
Subtitle, if applicable	-
Course, if applicable	-
Semester(s) in which the module is taught	7 st
Person responsible for the module	Dr. Indrabayu., ST., MT.,.Bus.Sys
Lecturer	1. Dr. Indrabayu., ST., MT., M.Bus.Sys 2. Dr. Eng. Ir. Muhammad Niswar ST. MIT
Language	Indonesian Language [Bahasa Indonesia]
Relation to Curriculum	This course is an elective course and offered in the 7 th semester.
Type of teaching, contact hours	Teaching methods: [group discussion], [simulation], [case study], [collaborative learning]. Teaching forms: [lecture], [tutorial]. CH : 08.00 - 16.00
Workload	For this course, students are required to meet a minimum of 136.00 hours in one semester, which consist of: - 40.00 hours for lecture, - 48.00 hours for structured assignments, - 48.00 hours for private study
Credit points	3 credit points (equivalent with 5.1 ECTS)



<p>Requirements according to the examination regulations</p>	<p>Students have participated in at least 80% of the learning activities (Academic Regulations, Chapter VII)</p>
<p>Recommended prerequisites</p>	<p>-</p>
<p>Module objectives/intended learning outcomes</p>	<p>After completing the course, Students are able:</p> <p>Intended Learning Outcomes (ILO):</p> <p>ILO 2 : Have the knowledge of basic entrepreneurship, full technology stack and web development.</p> <p>ILO 6 : Perform effectively in a team, either as a member or leader, in activities related to the program's discipline.</p> <p>ILO 7 : Perform a logical systematic procedure to solve problems, then communicate their ideas in a convincing and effective manner, either in written or orally, to propose solutions.</p> <p>Course Learning Objective (CLO): After completing the Information Technology Management Course for one semester, students can understand the management concept in the informatics field. Several topics on theoretical concepts and the management of computing science and software engineering are carried out.</p> <p>Sub CLO : ILO 2 => CLO 1 : Students are able to define the full technology stack of information technology management. ILO 6 => CLO 2 : Students can work together in small groups to describe information technology management. ILO 7 => CLO 3 : Students are able to communicate their ideas and propose solutions in information technology management.</p>
<p>Content</p>	<p>Students will learn about :</p> <ol style="list-style-type: none"> 1. Information Systems and Technology 2. Business Statistics



	<ol style="list-style-type: none"> 3. Data and Information Management 4. Requirements Engineering and System Design 5. Analysis and Decision System 6. E-business 7. Business Ethics 8. Financial Management 9. Technology and Innovation Management 10. Marketing Management 11. Human Resource Management 12. Project Management 13. Strategy Management 14. IT Governance and Audit
<p>Forms of Assessment</p>	<p>Assessment techniques: [observation], [written test].</p> <p>Assessment forms: [midterm exam], [assignment], [presentation].</p> <p>Mid term exam = 25%, Assignment = 30%, Presentation = 45%</p> <p>CLO 1 => ILO 1: 30% (Assignment: participation) CLO 2 => ILO 6: 25% (midterm exam: written test) CLO 3 => ILO 7: 45% (Presentation: observation)</p>
<p>Study and examination requirements and forms of examination</p>	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must switch off all electronic devices. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline. - Students must attend the exam to get final grade. <p>Form of examination: Written test and Presentation</p>
<p>Media employed</p>	<p>Video conference, Slide presentation, Learning Management System (LMS).</p>
<p>Reading list</p>	<p>Main :</p> <ol style="list-style-type: none"> 1. V. Rajaraman, “Introduction to Information Technology (second edition)”, Eleventh Printing, 2013 2. McClave, James T. A first course in business statistics. Prentice Hall, 2005. 3. Brigham, Eugene F., and Joel F. Houston. Fundamentals of financial management. Cengage Learning, 2021.



	<ol style="list-style-type: none">4. Deepak, R. Kanthiah Alias, and S. Jeyakumar. Marketing management. Educreation Publishing, 2019.5. Heagney, J., 2016. Fundamentals of project management. Amacom.
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