

HANDBOOK

BACHELOR OF INFORMATICS PROGRAM

DEPARTMENT OF INFORMATICS

FACULTY OF INTELLIGENT ELECTRICAL AND INFORMATICS TECHNOLOGY

INSTITUT TEKNOLOGI SEPULUH NOPEMBER

Module name	Systems Audit
Module level	Undergraduate
Code	IF184963
Courses (if applicable)	Systems Audit
Semester	7
Contact person	
Lecturer	
Language	Bahasa Indonesia and English
Relation to curriculum	1. Undergraduate degree program; optional; 7 th semester. 2. International undergraduate program; optional; 7 th semester.
Type of teaching, contact hours	1. Undergraduate degree program: lectures, < 60 students, 2. International undergraduate program: lectures, < 40 students
Workload	1. Lectures: 3 sks x 50 = 150 minutes (2 hours 30 minutes) per week. 2. Exercises and Assignments: 3 x 60 = 180 minutes (3 hours) per week. 3. Private study: 3 x 60 = 180 minutes (3 hours) per week.
Credit points	3 credit points (sks).
Requirements according to the examination	A student must have attended at least 80% of the lectures to sit in the exams.

regulations	
Mandatory prerequisites	Database System

Learning outcomes and their corresponding PLOs	After completing this module, a student is expected to:	
	CO1 Students understand and able to apply the concept of systems audit.	
Content	<p>Knowledge:</p> <p>Mastering concepts and principles of collecting, processing and storing the information in various formats</p> <p>Specific Skill:</p> <p>Capable of collectiing, digitalizing, representing and transforming data into new useful information by using data modeling and storage in effective and efficient manners</p>	
Study and examination requirements and forms of examination	Mid-terms examination and Final examination.	
Media employed	LCD, whiteboard, websites, books (as references), etc.	
Assessments and Evaluation		
Reading List	<p>Riyanarto Sarno, Audit Sistem Informasi/Teknologi Informasi, ITS Press, 2009.</p> <p>Riyanarto Sarno, Strategi Sukses Bisnis dengan Teknologi Informasi Berbasis Balanced Scorecard dan COBIT, ITS Press, 2009, ISBN 978-979-8897-42-9.</p> <p>Simha R. Magal, Integrated Business Processes with ERP Systems, John Wiley & Sons, Inc., 2012</p> <p>Riyanarto Sarno & Irsyat Iffano, Sistem Manajemen Keamanan Informasi, ITS Press, 2009</p>	