

Information Technology Investment Management					
Course Code CIS61011	Student Workload 90 hours	Credits (according to ECTS) 4.5	Semester 3	Frequency each odd-semester	Duration 16 meetings
1	Types of courses <i>Compulsory</i> (Study Programme level)	Contact hours 63 hours	Independent study 27 hours	Class size 40 students	
2	Prerequisites for participation Have completed Functional Business Management course.				
3	Learning outcomes IS-ILO-2 Graduates are expected to be able to study and apply the concepts of governance and management of information systems to achieve organizational goals IS-ILO-5 Graduates are able to develop professional careers in the field of computer science based on aspects of quality performance, data-based decision making, responsibility, and continuous improvement				
4	Subject aims <ul style="list-style-type: none"> • Students are able to understand the basic concept of IT investment and the urgency of IT investment. • Students are able to understand the principles of IT investment, the concept of value, application IT investment assessment, and the risks of an IT investment. • Students are able to understand the fundamentals of developing a business case, MOV, ITIM, ITPM, BSC, and IT BSC. • Students are able to create and apply a business case, MOV, ITPM, and IT BSC. 				
5	Teaching methods Lectures, case study, class discussion, presentation				
6	Assessment methods Assignment, mid-term examination, end-term examination, project evaluation, practical-skill assessment				
7	This module is used in the following degree programmes as well				
8	Responsibility for module				
9	Other information <ol style="list-style-type: none"> 1. B. Michael, Finance for IT Decision Makers, Springer, London, 1998. 2. Dan Remenyi, Arthur Money, and Michael Sherwood-Smith, The Effective Measurement and Management of IT Costs and Benefits, (2nd ed.) Elsevier Butterworth-Heinemann, 2000. 				

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| <ol style="list-style-type: none">3. Hans van der Zee, Measuring the Value of Information Technology, IRM Press, 2002.4. GAO. Information Technology Investment Management A Framework for Assessing and Improving Process Maturity5. GAO. Business Process Reengineering Assessment Guide |
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