

Hacettepe University Computer Engineering
BBM475 – Management Information Systems

2021-2022 Fall

Lecturer: Ayça Kolukisa Tarhan, Assoc. Prof.

Content:

Basics of information systems. Fundamental concepts of information systems, systems theory, management information, conceptual models of information in organization, decision support systems, enterprise resource planning systems, information system planning for information system projects, IS project life cycle models, maintenance principles, management and control; development, implementation, and management of information systems.

Textbook:

Loudon, K.C., and Loudon, J.P., Management Information Systems: Managing the Digital Firm, 16th Ed., Pearson, 2020.

Evaluation:

In-term (%60) : Midterm (%20), Homeworks (%10), Course Project (%30)

End-term (%40) : Final Exam (%40)

Program:

Week #	Content	Assignment	Submission
2 (Sep 30)	An Introduction to the Course		
2 (Oct 7)	Ch1: Information Systems in Global Business Today		
3 (Oct 14)	Ch2: Global E-business and Collaboration	HW-1	
4 (Oct 21)	Ch3: Information Systems, Organizations, and Strategy		
5 (Oct 28)	Ch3 (cont'd), Seminar: Process Mining (by Dr. Tuğba Erdoğan)		
6 (Nov 4)	Ch5: IT Infrastructure and Emerging Technologies Video Seminar: Microservices (by Mehmet Söylemez)		HW-1
7 (Nov 11)	Ch6: Foundations of Business Intelligence: Databases and Information Management	COURSE PROJECT	
8 (Nov 18)	Ch9: Enterprise Applications		
9 (Nov 25)	Ch10: E-commerce – Digital Markets, Digital Goods	HW-2	
10 (Dec 2)	Ch11: Managing Knowledge Video Seminar: Microsoft Power-BI (by Büşra Kamiloğlu)		
11 (Dec 9)	Ch12: Enhancing Decision Making		
12 (Dec 16)	Ch13: Building Information Systems		HW-2
13 (Dec 23)	Ch14: Managing Projects		
14 (Dec 30)	Term Summary		COURSE PROJECT

Share areas & messaging:

Piazza will be used for course material and communication, and Submit System will be used for student submissions.

Please contact Lecturer via Piazza for convenience of your messages or email distinct matters to: atarhan@cs.hacettepe.edu.tr