

COURSE INFORMATION					
Course Title	Code	Semester	L+P Hour	Credits	ECTS
Business Informatics	MAN 118	3	3 + 0	3	5

Prerequisites	-
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Language of Instruction	German
Course Level	Bachelor's Degree (First Cycle Programmes)
Course Type	Compulsory
Course Coordinator	A. Murat Günsur
Instructors	A. Murat Günsur
Assistants	-
Goals	The basic concepts and uses of business informatics are taught.
Content	

Learning Outcomes	Program Learning Outcomes	Teaching Methods	Assessment Methods
1) Computer systems, which are used by corporates, are explained.	15	1,2,3	A,C
2) Decision Support Systems and Management Information Systems are explained for administrators, especially for managers.	4,5	1,2,3	A,C
3) Communication systems and their technical frame are given by examples and case studies.	7	1,2,3	A,C

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion, 9: Simulation, 12: Case Study
Assessment Methods:	A: Testing, B: Homework, C: Performance

COURSE CONTENT		
Week	Topics	Study Materials
1	Introduction and historical development of logistics. Definitions	
2	Inventory management and planning. Logistics process flow	

3	Re Order Point (ROP) technique and Distribution Requirements Planning (DRP) system	
4	Purchasing	
5	Import-Export and global rules which are influencing logistics	
6	Terms of Delivery and Terms of Payment in import – export activities	
7	Mode of transportation and the vehicles per mode	
8	Warehouses;determining the location	
9	Process flow in a warehouse and capacity calculations for stock locations and manpower	
10	Material Requirements Planning (MRP) and the inputs for calculation	
11	Creating Master Planning Schedule (MPS) and calculating Material Requirements Planning (MRP) (a sample approach)	
12	Capacity Requirements Planning (CRP) and the inputs for calculation	
13	Contribution to system selection for integrated logistics organization	
14	Logistics organization and positioning in the company	
15	Case Studies	
16	Final Exam	

RECOMMENDED SOURCES	
Textbook	P.Stahlknecht-U.Hasenkamp Einführung in die Wirtschaftsinformatik 10. Auflage H.R. Hansen, Wirtschaftsinformatik I
Additional Resources	A.-W. Scheer, Wirtschaftsinformatik, Referenzmodelle für industrielle Geschäftsprozesse, 7.Auflage Rick, Nov.2000 Universität Dresden

MATERIAL SHARING	
Documents	
Assignments	
Exams	

ASSESSMENT		
IN-TERM STUDIES	NUMBER	PERCENTAGE
Mid-terms	1	100

Quizzes	0	0
Assignment	1	0
Total		100
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		60
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		40
Total		100

COURSE CATEGORY	Expertise/Field Courses
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COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Students should be able to use basic knowledge of International Business Management theoretically and practically for identification, modeling and solving of problems for businesses operating on a global scale.			X		
2	Students should possess the essential body of knowledge related to International Business Management including the state-of-the art concepts, theories and models, historical evolution of that discipline, the scientific methodology in general, and the research tools and techniques utilized in that discipline, in particular.			X		
3	Students should understand the core competences of juridical, political, social, and economic psychological dimensions related to International Business Management.		X			
4	Students should be able to conduct independent research in their discipline by specifying information needs for investigating a topic-of interest, accessing the appropriate sources of knowledge, and preparing a comprehensive report.				X	
5	Students should understand the interdependency and interrelationship among disciplines should be able to relate and synthesize International Business Management knowledge with diverse disciplines, and generate new information accordingly.					X
6	Students should be able to fulfill their responsibility as team leader or team member in project implementations or applied studies that are related to International Business Management.				X	
7	Students should be able to design and plan projects to achieve organizational goals and objectives setted or to improve organizational performance.					X
8	Students should be able to critically evaluate the knowledge in the area			X		

	of International Business Management, assess self-competency and direct self-learning efforts accordingly.					
9	Students should understand the importance of life-long learning and self-assessment to maintain their personal and professional development.					X
10	By rapidly changing global circumstances, students should be able to show that they understand the importance of flexibility in thinking and generating creative solutions in order to succeed in professional life.				X	
11	Students should be able to effectively communicate in written and oral German on a corporate level with people from diverse backgrounds.	X				
12	Students should have the German proficiency to be able to follow and interpret the global dynamics that shape their discipline.					X
13	Students should indicate, express and present their knowledge in in national/international interdisciplinary academic and professional settings, should offer and make comments about the results of the works to other people from not only their field, but also from any other disciplines by clearly expressing in Turkish and German via using right data.					X
14	Students should evaluate the differences between cultures and individuals by being aware of importance of respect for individual and cultural diversity, should be able to emphatically interact with individuals from diverse cultural backgrounds in social and professional settings and should contribute to the team works as a team coordinator or a team member.				X	
15	Students should use effectively widespread and valid information technologies in their field.					X
16	Students should understand personal, professional and social ethics, should evaluate the ethical implications of various practices related to social and professional life, should be aware of the importance how these ethical behavior add value to the society.				X	
17	Students should know the concept of social responsibility on individual, social and ecological dimensions should indicate active citizenship for him-/herself within that frame.				X	
18	Students should grasp the importance of the scientific point of view for social development and global competitiveness as well as social rights and social justice, which are the basis of modern societies.				X	
19	Students should grasp the importance of quality management, health and safety, corporate social responsibility, professional and cultural respect and principles of corporate ethics for corporate sustainability.				X	
20	Students should evaluate the contribution of basic business solutions to management and financial problems within a global and social framework.				X	

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION

Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the exam week: 16x Total course hours)	16	3	48
Hours for off-the-classroom study (Pre-study, practice)	16	2	32
Mid-terms	1	3	3
Homework			
Quiz			
Final examination	1	4	4
Total Work Load			87
Total Work Load / 25 (h)			3.48
ECTS Credit of the Course			3