

AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

System Analys	is and Desig	n					
AEK212		Couse Level		Short Cycle (Associate's Degree)			
Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course Students with this course; will be able to form a project that can be applied in the sector using the professional knowledge gained. System analysis and design aims to enable energy sector to meet with the appropriate components and to enable the system to consistence in a more efficient, effective and quality way.				e sector with all e enable a system em to continue its	details by in the		
Course Content System Analyst Duties and Preliminary examination a System Analysis: Data Co System Analysis: Data Mo System Design Interface Design System Implementation, C System Maintenance and Project Presentations			s, analysis w Process				
N/A							
and Teaching N	/lethods	Explanation	(Presenta	tion), Demonst	ration, Individ	ual Study	
Name of Lecturer(s)							
	System Analys AEK212 Workload Students with t using the profe energy sector t existence in a • System Analy • System Analy • System Analy • System Cess • System Imple • System Main • Project Prese N/A and Teaching M	System Analysis and Design AEK212 Workload 75 (Hours) Students with this course; w using the professional know energy sector to meet with t existence in a more efficient • System Analyst Duties and • Preliminary examination an • System Analysis: Data Col • System Analysis: Data Col • System Design • Interface Design • System Implementation, C • System Maintenance and • Project Presentations N/A and Teaching Methods	System Analysis and Design AEK212 Couse Leve Workload 75 (Hours) Theory Students with this course; will be able to using the professional knowledge gained energy sector to meet with the appropria existence in a more efficient, effective and system Analyst Duties and Capabilities Preliminary examination and feasibility System Analysis: Data Collection System Analysis: Data Collection System Design Interface Design System Maintenance and Support Project Presentations N/A and Teaching Methods Explanation	System Analysis and Design AEK212 Couse Level Workload 75 (Hours) Theory 2 Students with this course; will be able to form a prousing the professional knowledge gained. System a energy sector to meet with the appropriate componexistence in a more efficient, effective and quality we system Analyst Duties and Capabilities, • Preliminary examination and feasibility analysis • System Analyst Duties and Capabilities, • Preliminary examination and feasibility analysis • System Analysis: Data Collection • System Design • Interface Design • System Implementation, CASE and New Process • System Maintenance and Support • Project Presentations N/A and Teaching Methods Explanation (Presentation)	System Analysis and Design AEK212 Couse Level Short Cycle (A Workload 75 (Hours) Theory 2 Practice Students with this course; will be able to form a project that can be using the professional knowledge gained. System analysis and degenergy sector to meet with the appropriate components and to energy sector to meet with the appropriate components and to energy sector to meet with the appropriate components and to energy sector to meet with the appropriate subject that can be using the professional knowledge gained. System analysis and degenergy sector to meet with the appropriate components and to energy sector to the approprime to the approprime to provide the approprise se	System Analysis and Design AEK212 Couse Level Short Cycle (Associate's Design of the constraints of the constrate of the constraints of the constraints of the const	System Analysis and Design AEK212 Couse Level Short Cycle (Associate's Degree) Workload 75 (Hours) Theory 2 Practice 0 Laboratory Students with this course; will be able to form a project that can be applied in the sector with all using the professional knowledge gained. System analysis and design aims to enable a system energy sector to meet with the appropriate components and to enable the system to continue its existence in a more efficient, effective and quality way. • System Analyst Duties and Capabilities, • Preliminary examination and feasibility analysis System Analysis: Data Collection • System Analysis: Data Collection System Analysis: Data Modeling • System Design • System Implementation, CASE and New Process • System Implementation, CASE and New Process • System Maintenance and Support • Project Presentations Explanation (Presentation), Demonstration, Individual Study

Assessment Methods and Criteria					
Method		Quantity	Percentage (%)		
Midterm Examination		1	40		
Final Examination		1	70		

Recommended or Required Reading

1	Sistem Analizi ve	Tasarımı	Yazar: (Oya Kalıps	IZ
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Week	Weekly Detailed Course Contents						
1	Theoretical	Sistem Analizi ve Tasarımına Giriş I					
2	Theoretical	Sistem Analizi ve Tasarımına Giriş II					
3	Theoretical	Sistem Yaklaşımı I					
4	Theoretical	Sistem Yaklaşımı II					
5	Theoretical	Bilgi Sistemleri Planlama					
6	Theoretical	Bilgi Sistemleri Analizi					
7	Theoretical	Bilgi Sistemleri Kurulması					
8	Intermediate Exam	Mid-term exam					
9	Theoretical	Malzeme İhtiyaç Sistemi ve Modellemesi					
10	Theoretical	Yapısal Modelleme					
11	Theoretical	Sistem Mimarisi ve Kullanıcı Arayüzü Tasarımı					
12	Theoretical	Dokümantasyon, Test ve Kurma					
13	Theoretical	İzleme ve Değerlendirme					
14	Theoretical	Proje Planlama ve Yönetimi					
15	Final Exam	Final exam					

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	1	2	39
Assignment	7	1	1	14
Individual Work	5	1	1	10
Midterm Examination	1	5	1	6



Final Examination	1		5	1	6	
Total Workload (Hours)						
[Total Workload (Hours) / 25*] = ECTS 3						
*25 hour workload is accepted as 1 ECTS						

Learning Outcomes

Leann	ing outcomes		
1			
2			
3			
4			
5			

Programme Outcomes (Alternative Energy Sources Technology) 1 To have knowledge about basic science and technology. 2 To have knowledge about basic energy and alternative energy sources. 3 To have knowledge about basic electrical and electronic laws. 4 To have knowledge about the installation and operation of energy facilities. 5 Learning the methods of recycling of waste and use of energy. 6 To have experience in energy generation and project design.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4 (L5
P1	5	5	5	5	5
P2	3	3	3	3	3
P4		4			4
P6		4			4

