



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Critical and Analytical Thinking							
Course Code		BPR102		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Be able to teach students critical and analytical thinking skills in an effective manner.							
Course Content		The aim of this course is to enable students to use critical and analytical thinking skills in the face of problems and to develop solutions and projects for new situations. At the same time, the application of problem solving and analytical thinking to current life areas is covered by the course. Thought of thinking for problem solving techniques and the causes and results of change in the structure of the positive and negative direction to be able to establish a link between these connections and to be able to explain in the course are covered.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	70

Recommended or Required Reading

1	Paul, R., & Elder L. (2013) Kritik Düşünce, Nobel Yayıncılık
2	Waller, B. N. (2012). Critical thinking: Consider the verdict, 6/E
3	Paul, R., & Elder, L. (2011). Critical thinking: Tools for taking charge of your learning and your life. Prentice Hall

Week	Weekly Detailed Course Contents	
1	Theoretical	What is critical and analytical thinking?
2	Theoretical	Brain as a thinking organ
3	Theoretical	Grouping of thinking
4	Theoretical	Characteristics of voluntary and involuntary thinking
5	Theoretical	Methods of voluntary and involuntary thinking
6	Theoretical	The scope of critical analytical thinking
7	Theoretical	The stages of critical analytical thinking
8	Theoretical	The stages of critical analytical thinking
9	Intermediate Exam	Midterm
10	Theoretical	Factors affecting critical-analytical thinking
11	Theoretical	Critical-analytical thinking should be done
12	Theoretical	Problem solving in critical-analytical thinking
13	Theoretical	Developing problem-solving strategies in critical-analytical thinking
14	Theoretical	Apply problem solving strategies in critical-analytical thinking
15	Theoretical	Solution to problems in critical-analytical thinking
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Reading	7	3	2	35
Midterm Examination	1	5	1	6



Final Examination	1	5	1	6
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to use critical and analytical thinking skills in the face of problems
2	To be able to improve the ability of interpreting in the face of problems
3	Change the thought structure in positive and negative ways in the face of problems
4	To be able to develop the decision-making process for the problems encountered
5	To be able to develop alternative solutions for problem solving

Programme Outcomes (Computer Programming)

1	Having knowledge and skills in web project preparation and publishing
2	Having the knowledge and skills necessary for proper use management of database applications
3	Having knowledge and skills for software development, testing and installation
4	Be able to use the hardware necessary for computer programming and solve the basic problems they have with hardware
5	To be able to use information and communication technologies at the level required by computer programming
6	To be able to produce solutions to problems encountered in the field
7	Having the competencies to make job planning in the profession
8	Communicating with colleagues and clients based on knowledge and skills
9	Be able to take responsibility as an individual or as a team member and to fulfill the responsibility
10	To be able to express written and oral expressions related to the study topic
11	Be able to adapt the winning information to new situations

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	1	1	1	2	3
P2	1	1	1	2	3
P3	1	1	1	2	3
P4	1	1	1	2	3
P5	1	1	1	2	3
P6	1	1	1	2	3
P7	1	1	1	5	3
P8	5	5	5	3	3
P9	3	3	3	4	3
P10	3	3	4	3	4
P11	5	5	4	3	5

