



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Testing and Evaluation							
Course Code		EBB104		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	106 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		In this course, in education and the importance of measurement and evaluation, assessment and evaluation related to the basic concepts, measurement tools (reliability, validity, usability), and the properties of measurement tools in education, traditional approaches based on the tools (exams, short answer exams, true-false, multiple choice tests, matching tests, oral exams, homework), tools to collect data on students (observation, interview, performance assessment, portfolio, research papers, research projects, peer evaluation, self-evaluation, attitude scales), the basic statistics on the results of the measurement, evaluation of learning outcomes, grading, measurement tools in the developing provide.							
Course Content		And the importance of measurement and evaluation in education, assessment and evaluation related to the basic concepts, measurement tools (reliability, validity, usability), and the properties of measurement tools in education, traditional approaches based on the tools (exams, short answer exams, right -false, multiple choice tests, matching tests, oral exams, homework), tools to collect data on students (observation, interview, performance assessment, portfolio, research papers, research projects, peer evaluation, self-evaluation, attitude scales) , on the basic statistics for measuring results, evaluation of learning outcomes, grading, related to the development of measurement tools.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)		Lec. Derya AKBAŞ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Atılgan, H. (2007). Eğitimde ölçme ve değerlendirme. Ankara: Anı yayınları
2	Karip, E. (2008). Ölçme ve değerlendirme. Ankara: Pegem Akademi
3	Erdoğan, İ. (2007). Pozitivist metodoloji. İstanbul: Erk Yayınları.

Week	Weekly Detailed Course Contents	
1	Theoretical	Concepts related to measurement and evaluation in education
2	Theoretical	Measurement and assessment in education and training program behavior
3	Theoretical	Measurement and assessment in education and training program behavior
4	Theoretical	Educational qualifications required to carry the means to measure (validity) and the calculation
5	Theoretical	Educational measurement tools must bear the qualities (reliability) and the calculation
6	Theoretical	Properties of measurement tools
7	Theoretical	Properties of measurement tools
8	Intermediate Exam	Midterm Exam
9	Theoretical	Results-oriented measurement tools
10	Theoretical	Process-oriented measurement tools
11	Theoretical	Test statistics
12	Theoretical	Test statistics
13	Theoretical	Test item statistics
14	Theoretical	General Evaluation
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Reading	7	1	1	14
Midterm Examination	1	3	1	4



Final Examination	1	3	1	4
Total Workload (Hours)				106
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To define the concepts related to measurement and evaluation in education
2	To understand the distinctions between types of measurement and evaluation in education
3	To understand the features required to carry the means to measure education
4	In education as a means of measuring the validity and reliability of the tests used to calculate the new prepared
5	Measurement tools in education will face new situations with the statistics about the techniques to apply
6	Prepared by the new tests will use as a measuring tool in education to apply the test item statistics
7	To develop new tests to be used as a measuring tool in education
8	To use new tests as a measuring tool in education prepared on the basis of measurements obtained as a result of evaluation by the standard scores to calculate and note

Programme Outcomes (Science Teacher Education)

1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to gain the competence of using the appropriate approach, strategy, method and technique for the instructional plans to be prepared in the learning process.
3	To be able to gain the skills of the teaching profession in the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process.
5	To be able to comprehend contemporary approaches of education and the philosophy they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter.
7	To be able to become individuals faithful to the Principles and Revolutions of Atatürk, be modern democratic, secular, protecting and deveoping one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture.
9	To be able to become individuals believing in lifelong learning.
10	To be able to gain the vision of being individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solutions of these problems.

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

	L1	L2	L3	L4	L5	L6	L7	L8
P1	5			5			4	
P2	5		5	5			5	
P3	5	5	5	5			4	5
P4	4	5	4	5			4	4
P5	5	5	5	5	5			5
P6	4	4	5		5		5	4
P7	4	5	5		4	4		
P8	5	5	4		5	5		4
P9	4				5	5		5
P10	5					5		5

