

School of Education / Special Education Teaching
2022 - 2023 Academic Year
MEASUREMENT and EVALUATION in EDUCATION
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
MEASUREMENT and EVALUATION in EDUCATION	ÖE3176130	Fall Semester	2+0	2	3
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Metin KAYA				
Name of Lecturer(s)	Assist.Prof. Metin KAYA				
Assistant(s)					
Aim	To inform prospective teachers about the basic concepts of measurement and evaluation, the types of measurement tools, the measurement tool development/ evaluation, reliability and validity, making some statistical calculations and the evaluation of learning in accordance with the objectives				
Course Content	This course contains; Introduction of the course content and resources,Importance of measurement and evaluation in education and basic concepts,Creating Measurable Learning Outcomes,Planning of Measurement and Evaluation in Teaching. Table of Specification,Basic Statistical Operations in Measurement and Evaluation,Basic Statistical Operations in Measurement and Evaluation,Basic Statistical Operations in Measurement and Evaluation,Validity,Reliability,Evaluation of performances and test types,Evaluation of performances and test types,Grading and in-class assessment,Test and Item Analysis,Project Results Sharing.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Explain the importance and place of measurement and evaluation in education			1, 2	C	
Knows the basic concepts of measurement and evaluation,			1, 2	A, C	
Determines the course objectives and learning outcomes			2	A, C	
Explains psychometric properties (reliability, validity, usefulness) to be found in a good measurement tool.			1, 2, 3	A, C, D	
Makes statistical analysis for measurement and evaluation			2	C, D	
Determines the appropriate methods for evaluation and measurement.			1, 2		
Teaching Methods	1: Lecture, 2: Question - Answer, 3: Discussion				
Assessment Methods	A: Written Exam, C: Homework, D: Project / Design				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Introduction of the course content and resources	Karip (2015)			
2	Importance of measurement and evaluation in education and basic concepts	Karip (2015)			
3	Creating Measurable Learning Outcomes	Karip (2015)			
4	Planning of Measurement and Evaluation in Teaching. Table of Specification	Karip (2015)			
5	Basic Statistical Operations in Measurement and Evaluation	Karip (2015)			
6	Basic Statistical Operations in Measurement and Evaluation	Karip (2015)			
7	Basic Statistical Operations in Measurement and Evaluation	Karip (2015)			
8	Validity	Karip (2015)			
9	Reliability	Karip (2015)			
10	Evaluation of performances and test types	Karip (2015)			
11	Evaluation of performances and test types	Karip (2015)			
12	Grading and in-class assessment	Karip (2015)			
13	Test and Item Analysis	Karip (2015)			
14	Project Results Sharing	Karip (2015)			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
Ölçme ve değerlendirme. Editör: Emin Karip. Pegem Akademi Yayınevi. 2015