



FACULTY OF EDUCATION
EDUC 302_01_02 Assessment and Evaluation in Education
☁ **FALL, 2021-2022** ❄

Course Information

Schedule & Classroom: EDUC 302_01 Wednesday 11:00-13:00 via distance education
EDUC 302_02 Wednesday 14:00-16:00 via distance education

Instructor Information

Instructor: Assist. Prof. Dr. Münevver İLGÜN DİBEK
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Office phone: 0312 585 0353
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Office hours: Tuesday 12:00-14:00, through zoom by appointment (***please put EDUC 302 in the subject of ALL email correspondence***)
Teaching Assistant: Ayşe Bilicioğlu; **e-mail:** ayse.bilicioglu@tedu.edu.tr

Course Description

(2+0+0) 2 TEDU Credits, 3 ECTS Credits

The place and importance of assessment and evaluation in education. Basic concepts related to assessment and evaluation. Psychometric features of assessment instruments (validity, reliability, practicality). Developing and applying achievement tests. Interpretation of test results and giving feedback. Analysis of test and items scores. Evaluation and grading.

Extended Course Descriptions

This course has been designed in order to teach students the basic concepts, principles and methods related to assessment and evaluation in education. Such important topics for teaching profession as developing and applying achievement tests, interpretation of test results and giving appropriate feedback should be taught in a practical way as much as possible, not just in a theoretical manner. It can be claimed that teacher candidates who are able to make basic statistical calculations will also end up with improved research skills.

Learning Outcomes

At the end of this course, students will;

1. explain basic concepts related to assessment and evaluation in education
2. analyze psychometric features of assessment instruments
3. develop assessment instruments in accordance with essential characteristics of assessment instruments

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4. interpret test results
5. give appropriate feedback concerning test results
6. analyze test and item scores
7. make statistical calculations used in assessment and evaluation.

Course Materials

Recommended textbooks:

1. Miller, M. D., Linn, R. L., & Gronlund, N. E. (2013). *Measurement and assessment in teaching*, 11th Edition. Pearson Education, Inc. (Main Book for this course)
2. Wortham, S.C (2014). *Assessment in early childhood education*, 6th Edition. Pearson Education, Inc.
3. Drummond, R.J, Sheperis, C.J., & Jones, K. D. (2016). *Assessment procedures for counselors and helping professionals*, 8th Edition. Pearson Education, Inc.
4. Yıldırım, Ö. & Kula Kartal, S. (Eds.)(2021). *Eğitimde ölçme ve değerlendirme*. Lisans Yayıncılık
5. Demirtaşlı, R.N. (Ed.)(2017). *Eğitimde ölçme ve değerlendirme* . (4.basım) Anı Yayıncılık: Ankara.

Recommended online sources:

APA 7th Style: <https://owl.english.purdue.edu/owl/section/2/10/>

TEDU Library: <http://catalog.tedu.edu.tr/client/defaulttr>

Student Workload (Total 86 hours)

Resource Review and Readings (28 hrs), Lectures (28 hrs), Exams/Quizzes (10 hrs), Homework (20 hrs)

Learning Activities

Telling/Explaining, Discussions/Debates, Questioning, Reading, Inquiry, Collaborating, Web Searching

Course Requirements

Within the scope of the course, the evaluation will be done through several assessment methods. The percentages are as follows:

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Course Requirements	Weight
Homework 1 (Constructing of Items)	30 %
Homework 2 (Preparing Rubric)	30 %
Homework 3 (Item and Test Statistics and Interpretation)	40 %
TOTAL	100 %

Percentage Scores	Grade Points	Letter Grades
100-90	4.00	AA
89-85	3.50	BA
84-80	3.00	BB
79-75	2.50	CB
74-70	2.00	CC
69-60	1.50	DC
59-50	1.00	DD
49-0	0.00	F
Absent & Unsuccessful	0.00	FX

❖ **Homework 1 (Construction of Objective Test Items-30%)**

In this assignment, working in a group of 3 to 5, you are expected to write various types of objective test items (e.g short answer, completion type, multiple choice, matching) according to a given text, considering the principles of writing a qualified item. The assignment must be submitted on Moodle as a softcopy. Please check the due date for the submission of this assignment from “tentative course schedule”. The assignment descriptions will be available on Moodle. Also, this assignment will be introduced and reviewed in lecture.

❖ **Homework 2 (Construction of rubric for course syllabus-30%)** : In this assignment, working in a group of 3 to 5, you will prepare an analytic rubric with three levels of mastery for evaluating our course syllabus. For this assignment, descriptions will be available on Moodle. Also, this assignment will be introduced and reviewed in lecture. The assignment must be submitted on Moodle as a softcopy. Please check the due date for the submission of this assignment from “tentative course schedule”.

❖ **Homework 3 (Calculating Item and Test Statistics and Interpretation-40%)**

In this assignment, working in a group of 3 to 5, you will calculate various statistics for each item using the data set provided to you. Accordingly, the information expected from you are as follows:

- You will calculate several item statistics such as item discrimination and item difficulty values and test statistics such as mean, median and mode.
- You will interpret these values in terms of the quality of the items.
- You will determine the distribution of the respondents according to the response options and identify the response options that do not work well.

For this assignment, further descriptions will be available on Moodle. Also, this assignment will be introduced and reviewed in lecture. The assignment must be submitted on Moodle as a softcopy **until 10th January, 2022**.

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COURSE POLICIES

I. Plagiarism

a. Plagiarism is a form of dishonesty that occurs when a person passes off someone else's work as his or her own. This can range from failing to cite an author for ideas incorporated into a student's paper to cutting and pasting paragraphs from different websites to handing in a paper downloaded from the internet. All are plagiarism.

b. *All parties to plagiarism are considered equally guilty.* If you share your coursework with another student and she plagiarizes it, you are considered as guilty as the one who has plagiarized your work, since you enabled the plagiarism to take place. *Under no circumstances should a student make his/her coursework available to another student unless the instructor gives explicit permission for this to happen.* Copying someone's work is an extreme and straightforward act of plagiarism. More commonly, however, students plagiarize without realizing they are doing so. This generally happens when a student fails to acknowledge the source of an idea or phrasing. *Avoid plagiarism by citing sources properly!*

II. Cheating

You may neither receive help from nor give help to others during an in-class exam. During exams, you may not leave the room, talk, or use dictionaries, translators, cell phones or programmable calculators. And please keep your eyes on your own work.

If you are caught cheating in an exam, this is a “disiplin suçu” and I strictly follow YÖK procedures:

http://www.yok.gov.tr/web/guest/icerik/-/jo_content/56_INSTANCE_rEHF8BIsfYRx/10279/17960

III. Attendance

This course requires your regular participation, attendance, and punctuality. It is expected that you attend the class on a regular basis and be on time. It is your responsibility to keep in touch with me about the emergencies prior to class. *Exceeding 20% of attendance (3 weeks / 6 hours) will result a half letter grade reduction: an AA becomes BA or a CC becomes a DC.* The TEDU policy concerning attendance will be followed strictly.

IV. Late Work

You are supposed to turn in each assignment on time. I will only accept late assignments in unusual circumstances (e.g. documented illness). In all other cases, I will reduce %10 of the total point per day for late work, and the assignment will not be accepted after three days late.

V. Late Assignment Submission Policy

Each assignment is to be turned in on time. Arrangements for accepting late assignments will be made only in unusual circumstances (e.g., major illness, death of loved one), and only if you are able to provide documentation to support your excuse. *In all other cases, there will be a 10% point-reduction per day for late work, and work will not be accepted if it is three or more days late.*

VI. Extra Credit

There is no rewriting or extra credit offered in this course.

VII. Class Participation

Class participation is an integral part of this course. Classes may involve interactive lectures, small group discussions and activities, concept mapping, case studies, audiovisuals, video presentations, class presentations, field trips, observations, handouts, written assignments, exams, library/web research projects and journals.

VIII. Class Readings

This syllabus is subject to change. Changes, if any, will be announced in class. Students will be held responsible for all the changes.

Please read the assigned readings prior to class so that you may participate fully in the discussion. All readings may not necessarily be discussed directly in class, but it is assumed that you will have read the materials so that it may serve as a jumping off point for discussion.

IX. Announcements

All announcements will be made on the Moodle site for this course or using e-mail. It is your responsibility to keep your e-mail address operative all times. Check your e-mails regularly in order to stay informed.

NOTE: Tentative course schedule will be available on Moodle and introduced in lecture.

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