



FACULTY OF EDUCATION
GPC 303_01_02 Measurement and Evaluation
☁ FALL, 2018-2019 ❄

Course Information

Schedule & Classroom: GPC 303_01 Wednesday 13:00-15:00 G010, Thursday 11:00-13:00
GPC 303_02 Wednesday 16:00-18:00 G010, Friday 09:00-11:00

Instructor Information

Instructor: Assist. Prof. Dr. Münevver İLGÜN DİBEK
Office: D111
Office phone: 0312 585 0353
E-mail: munevver.ilgun@tedu.edu.tr
Office hours: Tuesday 10.00-12.00, Friday 11.00-13.00 & By Appointment (*please put GPC-303 in the subject of ALL email correspondence*)

Course Description

(2+2+0) 3 TEDU Credits, 5 ECTS Credits

Nature of research (ways of knowing, importance and value of research). Foundation of research (research questions, variables, hypothesis, ethics, literature, sample, instruments, validity and reliability, data collection and analysis, and discussion). Research types and methods. Writing research proposals and reports.

Extended Course Descriptions

The nature of research, the process of conducting research, research methodologies, research by practitioners, the research problem, variables and hypotheses, locating and reviewing the literature, sampling, instrumentation, break, ethics and research, validity and reliability, internal validity, descriptive statistics, inferential statistics, statistics in perspective, working on researchable question and proposed research designs.

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. explain what measurement and evaluation steps are necessary in a classroom situation.
2. develop theoretical understanding of the evaluation context with the new reform.
3. construct necessary measurement and evaluation instruments and to apply these instruments fairly.
4. use basic statistical techniques.
5. use the information provided by evaluation and measurement activities to improve their teaching and students' learning.

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

Course Materials

Online course management system: If you do not have one yet, please create an account at <http://moodle.tedu.edu.tr/> The Moodle site for this course is named **2019F_GPC303_SEC01** , **2019F_GPC303_SEC02**

Recommended textbooks:

1. Miller, M. D., Linn, R. L., & Gronlund, N. E. (2013). *Measurement and Assessment in Teaching*, 11th Edition. Upper Saddle River, NJ: Pearson Education, Inc. (Main Book for this course)
2. American Educational Research Association (1999). *Standards for Educational and Psychological Testing*. Washington: DC, Author. ISBN: 0935302255.
3. Drummond, R.J, Sheperis, C.J., & Jones, K. D. (2016). *Assessment Procedures for Counselors and Helping Professionals* 8th Edition. Pearson Education, Inc.

Recommended online sources:

APA 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 (45 hrs), Lectures (56 hrs), Group Projects (10 hrs), Homework (21 hrs), Portfolio (14 hrs) , Exams (4 hrs)

Learning Activities

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

Course Requirements

Within the scope of the course, the evaluation will be done through assignments, midterm and final exam. The percentages are as follows:

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

Grading Activity	Percentage
A. Attendance You will be expected to attend the whole class sessions during the semester. The more you attend the sessions, obviously the more you will be successful, and also you will not lose 5 points!	5
B. Classroom participation You will be expected to be active during the class sessions. Although this is your direct responsibility, the more participation will be rewarded.	5
C. Assignments/Quizes The purpose of the assignments is to give students an opportunity to check their understanding of the material by applying and practicing concepts learned in class, as well as to check how well a particular topic is comprehended. Grading of the homework will be based on evidence of your understanding, capability to apply learned procedures as well as the overall quality of your work. Students are expected to work individually on the assignments. Each homework is due at the beginning of the class on the assigned date, unless otherwise noted. There will be also pop-quizzes during the lectures without a prior announcement.	10
D. Student Presentation (group project) There will be a group presentation/project. The purpose of the project is to give students the opportunity to work and talk about a test or group of tests of their choice. The presentations will entail presenting information such as the features, uses, and types of tests. More information about the presentation, guidelines, and expectations will be given in class.	project: 10 presentation: 5
E. Midterm exam A midterm exam will be written in class in response to questions that come directly from class experiences and readings. Midterm exam will consist of different types of questions, i.e, short answer, multiple choice, matching, and essay types of questions. Both conceptual and empirical understanding will be tested.	20
F. Final exam A final exam will be written in class in response to questions that come directly from class experiences and readings. Exam will likely to include different types of questions.	30
G. Portfolio For this purpose, please buy a "Presentation Display Book with 30-Pockets." ☺ Portfolio is a collection of different types of works gathered over time. It includes a wide range of materials representing the new knowledge and skills gained. Your portfolio will cover all the work that will be carried out in and outside of the class. Think freely and be creative when preparing your portfolio. Your portfolio should include the following and beyond: 0) Cover page, including your name and ID number 1) All the materials you will create during the classes (group activities, class works, etc.). 2) Assignments 3) Quizes	15

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

4) Towards the end of the course you are supposed to make a group presentation (in groups of 4-5). The documents related to this presentation should also go inside of your portfolio.		
Grading Scale		
AA	90-100	
BA	85-89	
BB	80-84	
CB	75-79	
CC	70-74	
DC	60-69	
DD	50-59	
F	0-49	
FX	Both absent and unsuccessful	

Please note that all of your assignments must be formatted in compliance with the publication style guidelines spelled out in:

American Psychological Association (2010). *Publication manual of the American Psychological Association (6th Edition)*. Washington, DC: Author.

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/quest/icerik/-/jo_content/56_INSTANCE_rEHF8BIsfYRx/10279/17960

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

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

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.

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

Tentative Course Schedule

Week	Topics	Chapter
1	Introduction to GPC 303	-
2	Educational Testing and Assessment: Context, Issues and Trends	1
	The role of Measurement and Assessment in Teaching	2
3	Instructional Goals and Objectives: Foundations for Assessment	3
	Validity	4
4	Reliability and Other Desired Characteristics	5
	Planning Classroom Tests and Assessments	6
5	Constructing Objective Test Items: Simple Forms	7
	Constructing Objective Test Items: Multiple-Choice Items	8
6	Measuring Complex Achievement: The Interpretive Exercise	9
	Measuring Complex Achievement: Essay Questions	10
7	Item writing workshop	-
	Item writing workshop	-
8	Review & MIDTERM EXAM	-
	Recalling of Elementary Statistics	-
9	Measuring Complex Achievement: Performance-Based Assessments	11
	Measuring Complex Achievement: Performance-Based Assessments	11
10	Portfolios	12
	Assessment Procedures: Observational Techniques, Peer Appraisal, and Self-report	13
11	Assembling, Administering, and Appraising Classroom Tests and Assessments	14
	Grading and Reporting	15
12	Achievement Test	16
	Aptitude Tests	17
13	Test Selection, Administration, and Use	18
	Interpreting Test Scores and Norms	19
14	Group presentations	-
	Group presentations	-
15-16	FINAL EXAM WEEK	-

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