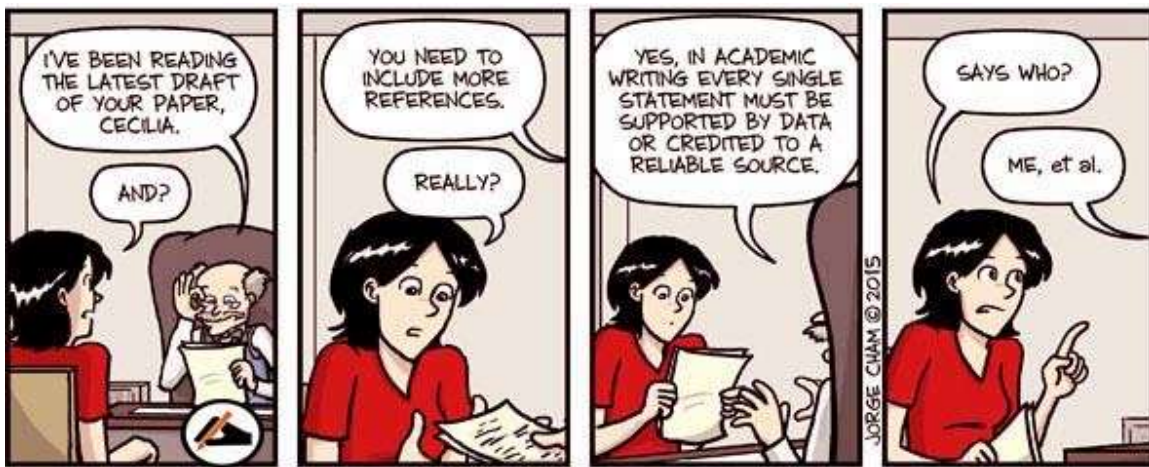




TED University
Institute of Graduate Studies
English Language Education Program
ELEP 503 Section I Research Methods in Education and Academic Integrity
Spring 2022

3 TEDU Credits, 7.5 ECTS Credits



Instructor Info: Asst. Prof. Dr. Melike Ünal Gezer

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Office Hours: By appointment, via Zoom

This class meets virtually on Mondays at 18:00-21:00

Course Intro: This course is based on the principles of blended learning. In flipped instruction, the content is presented asynchronously and in-class discussions, tasks, activities are completed synchronously. For course participation, you will need to attend course meetings regularly and with full participation. As for necessary logistics, you will need a stable internet connection, a microphone and a camera that are functional and reliable. Course Zoom information will be provided via LMS. As part of the course policy, you are expected to have your cameras on throughout the course meetings and your microphones on when you are asked to.

Course Catalogue Description: Comprehending the theoretical and practical aspects of qualitative and quantitative research methods in second language teaching; examining different research types such as experimental, quasi-experimental, classroom observation and research, case study, ethnographic research, conversation analysis; being informed about research processes such as problem determination, data collection, data analysis and interpretation of results; reviewing field-related literature, data collection, data analysis, and finally reporting research following APA 7 guidelines and academic writing techniques when conducting research on a particular subject.

Course Description: Introduction to research methods with an emphasis on design, sampling, measurement issues, and introductory data analysis. Topics include (1) planning the research study (sources of research ideas, bias in research ideas, ideas not good for scientific investigation, review of the literature, formulating research problem and hypotheses); (2) ethical considerations of research (treatment of participants, informed consent, research with diverse and vulnerable populations, research with children, human subjects review, APA ethical standards for research, other ethical considerations when conducting research); (3) basic measurement techniques and sampling (nominal, ordinal, interval and ratio scales; psychometric properties of good measurement- types of reliability and validity and sampling methods); (4) quantitative, qualitative and mixed methods research designs; (5) data analysis and interpretation, (6) writing the research report.

The course aims to cover the essential concepts related to research design and methodology that practitioners need to become critical evaluators of research and prepare for conducting research in the field of TEFL, English language education, applied linguistics, second language acquisition and other related fields.

Course Goals and Objectives: The primary goal of this course is to help students gain a thorough understanding of the research process which would allow them to critically analyze published research and be able to put their theses or graduation papers into a research methodology and design framework. Upon successful completion of this course, the attendees will be able to take further research methodology coursework to excel in statistics and qualitative research, and they will integrate the newly acquired research knowledge and skills to seminar course and thesis writing stages. A secondary goal is to gain a deeper understanding of research methodology involved in second language acquisition, applied linguistics, and English language education research methods, design and issues.

By the end of the semester, students will be able to:

1. Develop a strong grasp of commonly used research terminology,
2. Identify various paradigms for conducting research,
3. Be cognizant of key issues in research methodology,
4. Identify each of the steps involved in the development of a research project in education and second/foreign language education,
5. Be aware of the ethical principles of research, ethical challenges and approval processes,

6. Locate a problem, write research questions and hypotheses in education and second/foreign language education,
7. Compare and contrast the nature of qualitative, quantitative, and mixed methods research,
8. Discuss the data collection procedures for qualitative, quantitative, and mixed-methods research,
9. Discuss the data analysis procedures for qualitative, quantitative, and mixed methods research,
10. Describe validity issues inherent in various designs,
11. Implement the procedures involved in reporting research results,
12. Conduct a library-based research and formulate a relevant theoretical framework for their research projects,
13. Critically evaluate published research articles exemplifying different research approaches and methods (quantitative, qualitative, mixed-methods, survey, experimental, ethnographic, critical, and action research, case studies, discourse analysis etc.)
14. Critically analyze and synthesize published research articles exemplifying research methods in TEFL, SLA, applied linguistics, second/foreign language education (psycholinguistic methodologies for comprehension and production, survey design and analysis in SLA research, formal theory-based methodologies, how to use foreign and second language learner corpora, instructed SLA, case study, conducting research
15. Demonstrate written and spoken performance on the areas of research in language education and applied linguistics (research in speaking, listening, reading, writing, grammar, vocabulary, pragmatics, motivation, learner strategies, young learners, language classrooms, language testing and assessment, teacher beliefs, language and gender, language and identity, language teacher education).

Course Readings:

Selected articles, book chapters, audio and audio-visual materials will be provided via the online portal- LMS-of this course.

Required course textbooks:

Fraenkel, J. R., Wallen, N. E., & Hyun, H. H. (2012). *How to design and evaluate research in education*. McGraw-Hill International Edition.

Recommended course textbooks:

Mackey, A., & Gass, S. M. (2005). *Second language research: Methodology and design*. Lawrence Erlbaum Associates Publishers. (This edition is for students.)

Bitchener, J. (2010). *Writing an applied linguistics thesis or dissertation: A guide to presenting empirical research*. Palgrave.

Creswell, J. W. (2018). *Research design: Qualitative, quantitative and mixed methods approaches*. (5th ed.). Sage.

Dörnyei, Z. (2007). *Research Methods in Applied Linguistics*. Oxford University Press.

Paltridge, B., & Phakiti, A. (2015). *Research methods in applied linguistics: A practical resource*. Bloomsbury Publishing.

Patten, M. L., & Newhart, M. (2018). *Understanding research methods*. (10th ed.). Routledge.

Recommended course article readings:

Below is a list of journals you will conduct your research to locate article publications for your research scholar, article critiques, and final papers.

- *Annual review of applied linguistics*
- *Applied linguistics*
- *Applied psycholinguistics*
- *Classroom discourse*
- *College composition and communication*
- *Corpora*
- *Discourse & communication*
- *Discourse and society*
- *English language and linguistics*
- *Gender and language*
- *International journal of corpus linguistics*
- *International journal of learner corpus research*
- *International journal of multilingualism*
- *International journal of the sociology of language*
- *International review of applied linguistics in language teaching (IRAL)*
- *Journal of child language*
- *Journal of English as a lingua franca*
- *Journal of linguistics*
- *Journal of sociolinguistics*

- *Language*
- *Language acquisition*
- *Language assessment quarterly*
- *Language in society*
- *Language teaching: surveys and studies*
- *Language variation and change*
- *ReCALL*
- *Studies in language*
- *Studies in second language acquisition*
- *TESOL Quarterly*
- *World Englishes*

Articles to be read for our course will be posted on course Moodle. These articles are chosen to exemplify research methods and design covered in the related week.

Supplementary materials:

APA 7th edition: Tips, tricks, and tabs <https://www.youtube.com/watch?v=VITANgMoDfw>

Academic Writer Tutorial: Basics of Seventh Edition APA Style

www.owl.purdue.edu for APA 7th edition

TEDU IRB <https://www.tedu.edu.tr/en/main/tedu-human-subjects-ethics-committee-hrec>

Student Workload (Total 128 hrs)

Class attendance, participation and in-class discussion	42 hrs
Resource review (book chapter, article readings, and audio-visual)	35 hrs
Written tasks (handbook review and article critique)	25 hrs
Tutorial completion on APA 7	2 hrs
Presentation	2 hrs
Final Paper (a research proposal for their thesis or final project)	10 hrs
Research Scholar (international and local) profile search	2 hrs
IRB	10 hrs
