

PROGRAM MAGISTER PENDIDIKAN BAHASA INGGRIS

SYLLABUS

SUBJECT: QUANTITATIVE RESEARCH (3 CREDITS, COMPULSORY)

A. Course Description

The purpose of this course is to introduce students to the different uses of quantitative methods in educational research. The topics will be discussed are: (1) Introduction to quantitative research method, (2) Selecting and defining a research topic, (3) Reviewing the literature, (4) Preparing and evaluating a research plan, (5) Selecting a sample, (6) Selecting measuring instruments, (7) Survey Research, (8) Correlational research, (9) Causal-comparative research, (10) Developmental research, (11) Single-subject experimental research. We will compare the different methods used by researchers. Students will discuss the different methodologies and methods as well as analyze and critique research articles using ideas and concepts discussed in the required texts and in class. Second, students will engage in a pilot study of their own in which they apply and experience quantitative research for themselves.

B. Course Objectives:

By the end of the course, students should be able to:

- a. identify the different components of a quantitative study including: theoretical approaches, literature reviews, methods and methodologies, approaches to data collection, coding, findings.
- b. explain the implications of quantitative research decisions and how this relates to the research process.
- c. produce their own quantitative research proposal and engage in the process of writing a *coherent* quantitative study reflecting their choice of theory, literature, methods, methodology and data collection.

READING LIST

1. Gall, Meredith. D., Joyce. P. Gall., and Walter. R. Borg. 2007. *Educational Research: An Introduction*. Boston: Pearson Education, Inc.
2. Gay, LR., et. al. 2009. *Educational Research: Competencies for Analysis and Applications*. Ninth Edition. Ohio: Pearson.

3. Yusuf, A. Muri. 2014. Penelitian: Kualitatif, Kuantitatif & Penelitian Gabungan. Jakarta: Prenadamedia Grup.
4. Emzir. 2011. Metodologi Penelitian Pendidikan: Kuantitatif dan Kualitatif. Jakarta: Rajawali Press.
5. Sugiyono. 2013. Metode Penelitian Kuantitatif, Kualitatif, dan R&D. Bandung: Alfabeta.
6. Arikunto, Suharsimi. 2006. Prosedur Penelitian: Suatu Pendekatan Praktis. Jakarta: Rineka Cipta.

Week	Topic	Activities	References
1	Introduction: Educational Research, Quantitative research method	Lecturing, Class Discussion	1, 2, 3, 4, 5, 6
2	Selecting and defining a research topic	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
3	Reviewing the literature	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
4	Preparing and evaluating a research plan	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
5	Selecting a sample	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
6	Selecting measuring instruments	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
7	Survey Research	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
8	Mid-term Examination		
9	Correlational research	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
10	Causal-comparative research	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
11	Developmental research	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
12	Single-subject experimental research	Group Discussion, Presentation	1, 2, 3, 4, 5, 6
13	Writing a research proposal	Individual work, Class discussion	1, 2, 3, 4, 5, 6
14	Writing a research proposal	Individual work, Class discussion	1, 2, 3, 4, 5, 6
15	Writing a research proposal	Individual work, Class discussion	1, 2, 3, 4, 5, 6
16	Final Examination (Collecting a research proposal)		

ASSESSMENT

Group Presentation and attendance : 30 %

Mid-term Examination : 30 %

Final Examination (Research Proposal) : 40 %