



Faculty: Educational Sciences

Program: Higher Diploma

Department: Classroom teacher

First semester

Academic year: 2023-2024

Course plan

First: Course information

Course number: 0501501	Course name: Research methodology in education	Number of hours: 3
pre-requisite:	Class number:	Lecture time:
<input type="checkbox"/> Mandatory university requirement <input type="checkbox"/> Selective university requirement <input type="checkbox"/> Mandatory college requirement <input checked="" type="checkbox"/> Mandatory specialization requirement <input type="checkbox"/> Selective specialization requirement <input type="checkbox"/> Supporting material		Nature of the course
Teaching Method Face-to-Face learning. Blended Learning (2 Face-to-Face + 1 Asynchronous) Fully Online Distance Learning (2 Synchronous + 1 Asynchronous).		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>

Course instructor information

Academic rank:	Name:				
Email:	Ext phone:		Office No:		
Sunday	Monday	Tuesday	Wednesday	Thursday	Office hours

Brief description of the course

The course aims to enhance the concepts of scientific research for students by introducing the meaning of scientific research concept and its nature, the classifications of scientific research, the characteristics of the distinguished researcher and research, the future of countries and civilizations related to the quality of scientific research in their countries, and methods of publishing manuscripts.

Learning sources

Textbook: Educational Research Skills - Dar Al-Fikr		
Authors: Muhammad Abdel Razek Ibrahim & Abdel Baqi	Edition: Fifth edition	Publishing Year: 2021

- Educational research methods (Raja Abu Allam)
- Educational research methods (Fatima Al-Jayoushi)
- Scientific research methodology in legal sciences / Aboud Abdullah Al-Askari.
Research methodology series;
Authors: Al-Askari, Aboud Abdullah.
Publisher: Egyptian Office for Publications, Cairo, Egypt: 2011
- Scientific research methodology in applied sciences / Aboud Abdullah Al-Askari.
Research methodology series;
Author: Al-Askari, Aboud Abdullah.
Publisher: Egyptian Publications Office, Cairo, Egypt: 2011
- Scientific research methodology and methodology in the science of law / Dr. Ali Abboud Jaafar.
Author: Jaafar, Ali Abboud
Publisher: Zein Legal and Literary Library, Beirut, Lebanon: 2016
Edition: First edition.
- Arab Electronic Center for Studies and Research WWW.ar-eric.com
- Lib Guides Community
- Academic info
- Archival Research catalog
- Base
- Eric
- Google Scholar

Additional
resources
And websites

☒ classroom ☐ Lab ☐ workshop ☐ MS Teams ☐ Moodle

Teaching
nature

Course learning outcomes

Linking program learning outcomes	Course learning outcomes	
Code	Knowledge	code
*P.K1	Recognize the characteristics of science.	*K1
P.K2	Acquire all kinds of scientific thinking skills.	K2
P.K3	Acquire research skills relevant to the specialty.	K3
P.K4	Identify the types of scientific research.	K4
P.K5		K5
	Skills	
**P.S1	Formulating the research problem and writing the theoretical framework and previous studies.	**S1
P.S2	Acquire the skills of formulating hypotheses as well as choosing the appropriate research design.	S2
P.S3	The ability to choose the research population and research sample conveniently.	S3
P.S4	Design and use the most appropriate study tool, then collect and classify data.	S4

P.S5		S5
	Competences	
***P.C1	Possessing scientific thinking skills and implementing them properly.	***C1
P.C2	Clearly defines the study problem(s) and gather relevant information about it.	C2
P.C3	Developing study tools and examining their validity and reliability.	C3
P.C4	Develop, formulate, and test hypotheses.	C4
P.C5	determine the study sample.	C5

***K: knowledge, **S: skills, ***C: competencies.**

Course structure

Reference ***	teaching methods **	Teaching * procedures	Subjects	Learning Outcome	Date
Book	Face to face	Interactive participation and Active discussion using TEAMS	Science. Scientific thinking. Scientific research skills, scientific research, nature and classification of scientific research, educational research	Identify the nature of research and its classifications and skills. Identify educational research	Saturday 10-21
		-			
Book	learning	Assignments (roles of educational research), Moodle	The role of educational research, characteristics of science, goals and purposes of science, types of science, methods of obtaining knowledge, steps of the scientific method	Recognizes the basic objectives of educational research. Recognizes the basic objectives of educational research	Saturday 10-28
Book	Face to face	Moodle home work	Scientific research, its functions, fields, types, and motives	identify the concept of scientific research, its functions, fields and types	Saturday 4-11
Book	Face to face	Introduction and previous studies	Sources of research problem, research proposal, objectives and importance of the research	identify the educational research plan	Saturday 11-11

Book	Face to face	Research problem formulation	Formulating the research problem, questions and hypotheses. Defining research terminology, and write the research	identify the skills of developing research proposal, questions and hypotheses	Saturday 18-11
Book	Face to face	Formulating study questions	The concept and nature of descriptive research, types of descriptive studies, work analysis and content analysis	identify the descriptive approach in educational research	Saturday 25-11
Book	Face to face	lectures Dialogue and discussion (individual and group)	correlational studies, case studies, longitudinal studies, development, and attitudes.	identify correlational studies, case studies, longitudinal studies, development, and attitudes.	Saturday 2-12
Book	Face to face	Moodle home work	Experimental research design, nature, characteristics and types	identify experimental research	Saturday 9-12
Book	Face to face	lectures Dialogue and discussion (individual and group)	Controlling variables in experimental research, the steps of experimental research design, research validity, and self-evaluation	Controlling variables in the experimental research	Saturday 16-12
Book	Face to face	lectures Dialogue and discussion (individual and group)	The concept of action research, its objectives, importance, characteristics, and criteria of selecting the problem	Action research in education	Saturday 23-12
Book	Face to face	lectures Dialogue and discussion (individual and group)	Types of action research, its fields, steps, and tools	identify action research in education, planning the research, and organizing it.	Saturday 30-12
Book	Face to face	Moodle home work	The concept of the population, samples, and steps for selecting the sample	Identify samples	Saturday 6-1
				Mid term exam	
Book	Face to face	lectures Dialogue and discussion (individual and group)	Types of samples and selection methods probability and non-probability sampling	Identify samples' types	Saturday 13-1
		lectures Dialogue and		Final exam	Sunday to Thursday

		discussion (individual and group)			23/1-3/2
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*Teaching procedures: (face-to-face, synchronous, asynchronous). **Teaching methods: (lecture, video, etc.).***Reference: (book pages, recorded lecture, video,...etc.).

Evaluation methods

measured Output	Full face to face learning	Blinded learning	Full online learning	Method
	0	0	0	First exam
	0	0	0	Second exam
P.S2 P.S4 P.S3k1,k2,c1,c3	0	30	0	Mid exam
	0	20	0	Activities
	0	0	0	Asynchronous meetings
C2 C3 C4 S3.S2.S4.S2.S4.,k2,k1,,C5,	0	50	0	Final exam

Course policies

- Course policies are applied in all types of learning (e-learning, blended, face-to-face) as follows:
- Commitment to the scheduled time for the lecture.
- Commitment to interaction and participation.
- University roles are applied regarding attendance and absence from lectures and exams.
- Academic integrity: Cheating or plagiarism are unacceptable and are punishable according to the university's roles and instructions.

Approval	Name	Date	Signature
Head of Department			
Dean of the College			