

Educational Qualitative and Action Research Design

Course Title: Educational Qualitative and Action Research Design					
Course Code: CIE60029	Student Workload: 8.50 Hours/ Weeks	Credits: 3 Credits (4.50 ECTS)	Semester: 7 th Semester	Frequency: Odd Semester	Duration: 16 Weeks/ Semester <i>(Lecture: 14 weeks; Midterm assessment: 1 week; Final assessment: 1 week)</i>
1	Types of Courses: Technological Pedagogical Content Knowledge: Research and Field Work Course	Contact Hours: <i>Lecturing:</i> 2.50 Hours/ Week; <i>Practical Work:</i> 0.00 Hours/ Week	Independent Study: <i>Self-study:</i> 3.00 Hours/ Week; <i>Structured Assignment:</i> 3.00 Hours/ Week	Class Size: 40 Students	
2	Prerequisites for Participation (If Applicable): 1. Research Methodology and Scientific Writing 2. Educational Philosophy and Science 3. Bahasa Indonesia				
3	Learning Outcomes: 1. M1: Able to understand the difference between qualitative research and action research (ILO-7) (0,1) 2. M2: Able to determine the focus of qualitative and action studies/research and formulate research questions (the research problem) (ILO-7) (0,1) 3. M3: Able to apply data collection techniques and qualitative sampling and action (ILO-10) (0,2) 4. M4: Able to analyze and present qualitative data and actions (ILO-10) (0,2); (ILO-12) (0,2) 5. M5: Able to design qualitative research or action in the field of information technology education (ILO-12) (0,2)				
4	Subject aims/Content: At the end of the course, students are expected: 1. L1: Able to develop conceptual and operational definitions of qualitative and action research focus (M1) 2. L2: Able to develop qualitative and action research focus (M2) 3. L3: Able to use the technique of determining the number of samples and using sample selection techniques according to conditions (M3) 4. L4: Able to apply validity and reliability testing techniques of qualitative research instruments and apply data analysis techniques and methods of representation (M4) 5. L5: Able to write plans and present plans for qualitative research and actions in education (M5)				
5	Teaching Methods: Lecturing, Group Discussion, Discovery Learning, Case-Based Learning				
6	Assessment Methods: Multiple choice, essay, anecdotal record/logbook/review				
7	This Course is Used in The Following Study Programme/s as Well: -				
8	Responsibility for Course: Retno Indah Rokhmawati, S.Pd., M.Pd.				
9	Other Information: Bibliography: 1. Arikunto, Suharsimi, dkk. 2009. Penelitian Tindakan Kelas. Bumi Aksara: Jakarta. 2. Arikunto, Suharsimi, dkk. 2015. Penelitian Tindakan Kelas (Edisi Revisi). Bumi Aksara: Jakarta. 3. Bell, Lisa M. & Aldridge, Jill M. 2014. Student Voice, Teacher Action Research and Classroom Improvement. Sense Publisher: Rotterdam. 4. Huda, Miftahul. 2015. Penelitian Tindakan Kelas: Teori dan Praktik. Pustaka Belajar: Yogyakarta. 5. Komara, Endang. 2014. Penelitian Tindakan Kelas Dan Peningkatan Profesional Guru. Refika Aditama: Bandung. 6. Pelton, Robert P. 2010. Action Research for Teacher Candidates: Using Classroom Data to Enhance Instruction. Rowman & Littlefield Education: Maryland.				

Elective Course Handbook
Bachelor Program of Information Technology Education
Computer Science Faculty, Universitas Brawijaya

	7.	Creswell, J.W. 2013. Research Design: Qualitative, Quantitative, and Mixed Method Approaches-Fourth Edition. USA: SAGE Publications.
	8.	Creswell, J.W. 2012. Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research-Fourth Edition. USA: SAGE Publications.