



Course Competency Report by Code

Code: C226

Research Design and Analysis (C226)

Course of Study: C226 - Research Design and Analysis
 Course Level: Graduate
 Course Division: First Year Master's
 Discipline: Education
 Course Type:
 Department: Education

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
2000.1.2	Quantitative Research	The graduate analyzes the key aspects of quantitative research and characterizes the major approaches to quantitative research.
2000.1.3	Qualitative Research	The graduate analyzes the key aspects of qualitative research and characterizes the major approaches to qualitative research.
2000.1.4	Mixed Methods Research	The graduate analyzes the key aspects of mixed methods research and characterizes the major approaches to mixed methods research.
2000.1.5	Action Research	The graduate analyzes the key aspects of action research and characterizes the major approaches to action research.
2000.1.6	Measurement Reliability and Validity	The graduate analyzes different measurement scales and differentiates between reliability and validity, and their subtypes, as they relate to assessments.
2000.1.7	Quality of Research Results	The graduate analyzes the characteristics of research quality and the potential threats to the quality of results in qualitative, quantitative, mixed methods, and action research studies.
2000.1.8	Research Methods and Design	The graduate applies and justifies appropriate research methods and design in quantitative, qualitative, mixed methods, and action research scenarios to address the research question(s).
2000.1.9	Data Analysis	The graduate evaluates and selects appropriate basic data analysis techniques for quantitative, qualitative, mixed methods, and action research scenarios.
2000.1.12	Data Collection	The graduate differentiates among the major methods of data collection, including their strengths and limitations in the selection of an appropriate method of data collection.
2000.1.13	Research Ethics	The graduate analyzes ethical issues and identifies appropriate procedures for educational research.