



Course Competency Report by Code

Code: C109

Elementary Mathematics Methods (C109)

Course of Study: C109 - Elementary Mathematics Methods
Course Level: Undergraduate
Course Division: Senior
Discipline: Education
Course Type:
Department: Education

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
670.1.1	Differentiated Mathematics Instruction	The graduate plans differentiated instruction in mathematics education to support the unique needs of diverse learners.
670.1.2	Mathematical Communication	The graduate integrates effective mathematical communication strategies into the development of mathematics education for elementary students.
670.1.3	Mathematical Tools	The graduate integrates tools that enhance student mathematics learning.
670.1.4	Assessment	The graduate evaluates student learning to measure elementary students' mathematical achievement and to plan further instruction.
670.1.5	Interdisciplinary Learning Experiences as Context for Math Instruction	The graduate creates interdisciplinary learning experiences as contexts for mathematical instruction.
670.1.6	Instructional Strategies	The graduate recommends various instructional strategies that encourage students' development of critical thinking, problem solving, and performance skills in mathematics.
670.1.7	Mathematical Learning Research	The graduate applies mathematical learning research as a foundation for instruction.
670.1.8	National, State, and Local Mathematics Standards	The graduate integrates national, state, and local mathematics standards, learning outcomes, benchmarks, and objectives in the development of mathematics education for elementary students.
670.1.9	Mathematical Representation	The graduate applies models and representations to support and enhance the interpretation, organization, recording, and communication of mathematics.