



Course Competency Report by Code

Code: C284

Mathematics Learning and Teaching (C284)

Course of Study: C284 - Mathematics Learning and Teaching
Course Level: Undergraduate
Course Division: Senior
Discipline: Education
Course Type:
Department: Mathematics

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
662.1.1	Learning Activities to Teach for Understanding	The graduate integrates principles and models of teaching for understanding into learning activities.
662.1.2	Teaching Through Problem Solving	The graduate integrates problem solving into learning activities to build conceptual understanding.
662.1.3	Teaching Strategies	The graduate evaluates teaching tools and strategies for the purpose of planning learning activities.
662.1.4	Aligning Learning Activities to National Standards	The graduate evaluates learning activities for alignment with the National Council of Teachers of Mathematics (NCTM) standards.
662.1.5	Standards and Best Practices in Teaching and Learning	The graduate incorporates standards and best practices for the teaching and learning of mathematics for all students into instructional practice.
662.1.6	Evaluating Student Work	The graduate uses multiple assessment strategies to evaluate student understanding and guide instruction.
662.1.7	Differentiated Instruction	The graduate accommodates the needs and abilities of diverse students in the planning of learning activities.