



Course Competency Report by Code

Code: AVT1

Teaching and Learning: Early Childhood Math and Science Application (AVT1)

Course of Study:

Course Level: Undergraduate

Course Division: Upper Division Major

Discipline: Early Childhood Education

Course Type:

Department: Early Childhood Education

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
607.5.7	Foundations of Math and Science Pedagogy in Early Childhood	The graduate draws on research and knowledge of developmentally appropriate practice to design and create environments and learning opportunities that support early math and science development in infants, toddlers, and young children.
607.5.8	Mathematical Concept Development	The graduate uses concepts, tools, and structures of mathematics and developmentally appropriate practice in the design and implementation of mathematics instruction for young children.
607.5.9	Mathematics in the Early Grades	The graduate uses concepts, tools, and structures of mathematics and developmentally appropriate practice in the design and implementation of mathematics instruction for young children.
607.5.10	Science and Nature Instruction	The graduate utilizes concepts, tools, and structures of developmentally appropriate science education in the design of learning experiences for young children.