



# Course Competency Report by Code

Code: C285

## Mathematics History and Technology (C285)

Course of Study: C285 - Mathematics History and Technology  
Course Level: Undergraduate  
Course Division: Senior  
Discipline: Education  
Course Type:  
Department: Mathematics

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
661.1.1	Historical Developments	The graduate analyzes major historical developments and cultural contributions in number systems, algebra, geometry, calculus, discrete mathematics, statistics and probability, and measurement.
661.1.2	Development of Methods in Mathematics	The graduate analyzes the historical development of methods in mathematics.
661.1.3	Humanistic, Social, and Political Influences	The graduate analyzes the humanistic, social, and political influences on mathematical discoveries and the applications and effect of those discoveries.
661.1.4	Evaluation of Technological Tools	The graduate evaluates technological tools for appropriate use in a variety of situations.
661.1.5	Using Technology for Problem Solving	The graduate utilizes appropriate industry-standard technological tools to solve problems.
661.1.6	Planning Activities Using Technology	The graduate integrates student-centered technology in the planning of learning activities to build understanding of mathematical concepts and promote creativity.
661.1.7	Mathematics History and Student Learning	The graduate integrates mathematics history into the planning of learning activities to improve student learning.