PORTFOLIO REQUIREMENT

An assembled portfolio of assessment (**graded**) artifacts is required. Tests may not be used as artifacts. Buy a small folder/binder (No Rings) in which to place these items. A title page which includes your name, course and semester should be included followed by a blank rubric form and then a filled in table of contents (a template will be provided). A **tabbed (with numeric labels)** introductory page for **each** objective/artifact must include the appropriate, complete objective (including the words and numerical heading). Each introduction should also include a short explanation of the artifact and why it correlates to the objective **and** a personal reflection about the artifact. Each of these paragraphs should be at least 3-4 sentences in length. The same artifact can be used for multiple objectives, but a separate introduction page is needed (copy the artifact to place the entry in the appropriate location). The binder will be turned in on the last day of class and is worth 10% of your overall grade. Your binder will not be returned.

Multiple artifacts may be use to satisfy an objective.

MATH 218 satisfies certain requirements for the National Council of Teachers of Mathematics accreditation process. This course will evaluate the following objectives. (The numerical heading corresponds to the designation by NCATE.)

1.a.1.5 – Historical development and perspectives of number, number systems, and quantity including contributions of significant figures and diverse cultures
Artifact - *To be chosen by student*

1.a.2.7 - Historical development and perspectives of algebra including contributions of significant figures and diverse cultures
Artifact - *To be chosen by student*

1.a.3.10 Historical development and perspectives of geometry and trigonometry including contributions of significant figures and diverse cultures
Artifact - *To be chosen by student*

1.a.4.6 - Historical development and perspectives of statistics and probability including contributions of significant figures and diverse cultures
Artifact - *To be chosen by student*

1.a.5.6 - Historical development and perspectives of calculus including contributions of significant figures and diverse cultures
Artifact - *To be chosen by student*

1.a.6.4 Applications of discrete structures such as modeling and designing data structures
Artifact - *To be chosen by student*

1.a.6.5 - Historical development and perspectives of discrete mathematics including contributions of significant figures and diverse cultures
Artifact - *To be chosen by student*

2e - Demonstrate the interconnectedness of mathematical ideas and how they build on one another and recognize and apply mathematical connections among mathematical ideas and across various content areas and real-world contexts
Artifact - *To be chosen by student*