COURSE SLO STATEMENTS REPORT

Course ID	Course Name	Course SLO Title	Course SLO Statement	Course SLO Status	Input Date
ECC: MATH 110	Structures and Concepts in Mathematics	SLO #1 Perform and Interpret Basic Operations	Students will be able to demonstrate/perform the four basic operations with real numbers and interpret the results.	Active	11/21/2013
ECC: MATH 110	Structures and Concepts in Mathematics	SLO #2 Explain Mathematical Concepts	Students will be able to explain the underlying mathematical concepts of the binary operations using written and oral means.	Active	11/21/2013
ECC: MATH 110	Structures and Concepts in Mathematics	SLO #3 Solve Application Problems	Students will be able to solve an application problem and design an application when parameters are given.	Active	11/21/2013
ECC: MATH 115	Probability and Statistics for Prospective Elementary School Teachers	SLO #1 Research Study	Students will be able to design a research study, develop an appropriate assessment instrument, collect and analyze data using appropriate methods, and draw statistical inferences from the data in written form.	Active	11/21/2013
ECC: MATH 115	Probability and Statistics for Prospective Elementary School Teachers	SLO #2 Analyze Statistical Procedure	Given a particular set of data, students will be able to determine the appropriate statistical procedures to analyze and display the data, complete the statistical methods, and explain the mathematical concepts in written and oral forms.	Active	11/21/2013
ECC: MATH 115	Probability and Statistics for Prospective Elementary School Teachers	SLO #3 Explain Statistics and Probability Concepts	Given a particular set of data, students will be able to explain statistics and probability concepts and use appropriate methodologies for elementary or middle school teachers.	Active	11/21/2013
ECC: MATH 115	Probability and Statistics for Prospective Elementary School Teachers	SLO #4 Solve and Interpret Experimental and Mathematical Probability	Students will be able to solve, explain, and interpret informal, experimental, and mathematical probability concepts and application problems both in written and oral forms.	Active	11/21/2013
ECC: MATH 116	Geometry and Measurement for Prospective Elementary School Teachers	SLO #1 Identify Geometric Shapes	Students will identify two- and three-dimensional geometric shapes, explain their attributes and discuss the relationships among the geometric shapes.	Active	11/21/2013
ECC: MATH 116	Geometry and Measurement for Prospective Elementary School Teachers	SLO #2 Use Geometric Tools	Students will use geometric tools (compass, protractor, straightedge, and dynamic geometry software) to construct geometric figures.	Active	11/21/2013
ECC: MATH 116	Geometry and Measurement for Prospective Elementary School Teachers	SLO #3 Solve and Interpret Geometric Application Problems	Students will use the concepts of measurement to solve geometric application problems, determine the appropriateness of a solution, and if errors are made, explain the misconceptions or errors made and how to solve the problem correctly using written or oral means.	Active	11/21/2013
ECC: MATH 116	Geometry and Measurement for Prospective Elementary School Teachers	SLO #4 Explain Geometric Formulas	Students will use words and diagrams to explain the derivation of geometric formulas.	Active	11/21/2013