

**Course ILOs for Approved Common Core Courses (Subject Code: MATH)**

Course Code, Title and Course ILOs	Weighting	Area(s)
<b>MATH 1003 Calculus and Linear Algebra</b>		QR
CILO 1 Apply basic techniques in linear algebra and calculus that are commonly used for business school students	NA	
CILO 2 Apply rigorous, analytic, highly numerate approach to analyzing and solving problems	NA	
CILO 3 Communicate solutions effectively by using mathematical terminology and English	NA	
<b>MATH 1012 Calculus IA</b>		QR
CILO 1 Express quantitative relationships using the language of functions	30	
CILO 2 Develop basic computational skills in calculus	50	
CILO 3 Apply the concepts and methods of calculus in modeling and problem solving	20	
<b>MATH 1013 Calculus IB</b>		QR
CILO 1 Apply the basic concepts and methods in one-variable differential calculus	NA	
CILO 2 Apply the knowledge in functions and calculus to formulate and solve application problems	NA	
<b>MATH 1020 Accelerated Calculus</b>		QR
CILO 1 To understand the basic concepts of one variable calculus and series students need as they pursue careers in business, engineering or science	70%	
CILO 2 To apply the techniques of one-variable calculus and series in a precise and logical way to solve various daily and professional problems	30%	
<b>MATH 1023 Honors Calculus I</b>		QR
CILO 1 Apply the basic concepts and methods in one-variable differential calculus with rigorous mathematical reasoning	NA	
CILO 2 Apply the knowledge in functions and calculus to formulate and solve problems	NA	

NA : The course offering unit has not assigned any weighting for the course ILOs.

Updated as at 1 August 2017