Upper-Division MATH Classes at Kent State University at Stark: A Tentative Plan of Rotation

Upper-division classes are junior and senior classes, numerically designated as classes of the 30000 and 40000 level. Only one such class is offered at Stark every semester, many are offered once a year, and some of them are offered once in two years. The table below shows a plan when these classes will be offered starting from the **Fall 2015** semester. Note that this is a tentative schedule and although every attempt will be made to follow it, there is no guarantee that this will be always possible to do. Besides, classes may be canceled due to low enrollment. The classes listed enable the completion of all MATH-class requirements for the degrees of the BA in Mathematics, BS in Mathematics, and Integrated Mathematics. Moreover, only a few additional classes need to be taken at Kent for the completion of the BS in Mathematics – Actuarial Mathematics concentration and BS in Applied Mathematics – Applied Mathematics concentration. Each class below is a 3-credit-hour MATH class, unless indicated otherwise.

Class # and name	Fall odd year	Spring even year	Summer even year	Fall even year	Spring odd year	Summer odd year
30011 Basic Probability & Statistics	+	+	+	+	+	+
30055 Mathematical Theory of Interest	+			+		
31011 Discrete Mathematics		+			+	
32044 Intro Ord. Differential Eqn.'s			+		+	
34001 Fund. Concepts of Algebra		+			+	
34002 Fund. Concepts of Geometry	+			+		+
40011 Intro Prob. Theory & Applic.'s		+				+
40012 Intro Statistical Concepts				+		
40055 Actuarial Mathematics I (4)		+				
41001 Intro Modern Algebra I		+				
41002 Intro Modern Algebra II				+		
41021 Theory of Matrices			+		+	
42001 Introduction to Analysis I					+	
42002 Introduction to Analysis II	+					
42021 Graph Theory & Combinatorics					+	
42031 Math Models & Dyn. Systems	+					
42048 Intro Complex Variables	+					
42201 Numerical Computing I		+				
45021 Euclidean Geometry				+		
47011 Theory of Numbers		+				+
47021 History of Mathematics	+			+		