DEGREE PLAN FOR DIPLOMA IN MATHEMATICS

Minimum No. of Credits for this Degree Plan = 72					
University Requirements = 21 Credits					
Course Code	**Course Name**	**Credit Hours**	**Contact Hours**		**Pre-requisites/ Co-requisites**
			Theory	Practical	
ARAB100	Arabic Language I	3	3	0	
ARAB101	Arabic Language II	3	3	0	ARAB100
COMP101/L	Computer Skills	3	2	2	COMP-A,COMP-B, Digital Literacy
HIST150	Islamic Civilization	3	3	0	
ENGL150	English Language	3	3	0	
ENGL152	English Language II	3	3	0	ENGL150
ENGL155	Communication Skills	3	3	0	ENGL152
University Electives = 0 Credits					
College Requirements = 16 Credits					
MATH116	Pre-Calculus	4	3	2	MATH001
MATH211	Calculus I	4	3	2	MATH116
STAT101	Introduction to Statistics	4	3	2	
COMP151 /L	Introduction to Algorithms	4	3	2	COMP101/L
College Electives = 0 Credits					
Mathematics Requirements = 35 Credits					
MATH212	Calculus II	3	2	2	MATH211
MATH215	Ordinary Differential Equations	3	2	2	MATH212
MATH221	Foundations of Mathematics	3	2	2	MATH116

MATH145	Linear Algebra I	3	2	2	MATH116
MATH259	Calculus III	3	2	2	MATH212
MATH310	Introduction to Group Theory	3	2	2	MATH221
MATH315	Partial Differential Equations	3	2	2	MATH215
MATH340	Introduction to Number Theory	3	2	2	MATH221
MATH360	Real Analysis I	3	2	2	MATH221
MATH365	Linear Algebra II	3	2	2	MATH145
MATH410	Complex Analysis I	3	2	2	MATH259
MATH420	Project in Mathematics	2	0	4	Complete 45 Credits