

## B. Sc. Mechanical Engineering

Semester 1	Section: Theory A----- Lab A			
	Course Code	Course Title	Credit Hours	Sections
	ENG110	Functional English	3	1
	MEMT1103	Applied Mathematics I	3	1
	ME1112	Applied Physics	2	1
	ME1121	Applied Physics Lab	1	1
	ME1231	Engineering Graphics	1	1
	ME1230	Engineering Drawing Lab	1	1
	ICT101	Applications of Information and Communication Technologies	2	1
	ICTL101	Applications of Information and Communication Technologies Lab	1	1
	ISL110/ Eth101	Islamic Studies / Ethics (for non-muslims)	2	1
Semester 3	Course Code	Course Title	Credit Hours	Sections
	ME2713	Fluid Mechanics-I	3	1
	MEMT2123	Applied Mathematics-III	3	1
	ME2412	Applied Thermodynamics-II	2	1
	ME2411	Applied Thermodynamics-II Lab	1	1
	ME2523	Mechanics of Materials-I	3	1
	ME2532	Engineering Mechanics-II	2	1
	ME2531	Engineering Mechanics-II Lab	1	1
	MEEE2012	Electrical Engineering	2	1
	Course Code	Course Title	Credit Hours	Sections
	ME3723	Fluid Mechanics-II	3	1
	ME3721	Fluid Mechanics-II Lab	1	1
	MEEE3012	Basic Electrical Engineering	2	1

Semester 5	MEEE3011	Basic Electrical Engineering Lab	1	1
	MEMG3042	Health, Safety & Environment	2	1
	MEMT3043	Applied Mathematics III	3	1
	ME3822	Manufacturing Process-II	2	1
	ME3821	Manufacturing Process-II Lab	1	1
	MEMG3032	Project Management	2	1
Semester 7	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Sections</b>
	ME4463	Refrigeration & Air-Conditioning	3	1
	ME4461	Refrigeration & Air-Conditioning Lab	1	2
	MEEE4033	Instrumentation & Control	3	1
	MEEE4031	Instrumentation & Control Lab	1	2
	ME4563	Engineering Maintenance & Failure Analysis	3	1
	ME4561	Mechanisms & Mechanical Vibrations Lab	1	2
	ME4262	Finite Element Analysis	2	1
	ME4261	Finite Element Analysis Lab	1	2
	ME4912	Final Year Projects	2	1