

## B. Sc. Electrical Engineering

Section: Theory A----- Lab A			
Semester 2	Course Code	Course Title	Sections
	EE1813	Linear Circuit Analysis	1
	EE1811	Linear Circuit Analysis Lab	1
	EEME1021	Engineering Drawing	1
	EEME1033	Basic Mechanical Engineering	1
	EEMT1023	Applied Mathematics II	1
	EECS1023	Fundamentals of Programing	1
	EECS1021	Fundamentals of Programing Lab	1
	ENG102	English II	1
	Semester 4	Course Code	Course Title
EE2313		Digital Logic Design	1
EE2311		Digital Logic Design Lab	1
EE2713		Signals and Systems	1
EE2711		Signals and Systems Lab	1
EE2833		Electrical Machines	1
EE2831		Electrical Machines Lab	1
EEMT2063		Multivariable Calculus	1
ISL201		Islamic Studies	1
Semester 6	Course Code	Course Title	Sections
	EEMG3013	Engineering Economics	1
	EEHU3033	English III	1
	EE3613	Linear Control Systems	1
	EE3611	Linear Control Systems Lab	1

5	EE3253	Microcontroller Based Design	1
	EE3251	Microcontroller Based Design Lab	1
	PEN3213	Power Systems Analysis	1
	PEN3211	Power Systems Analysis Lab	1
Semester 8	<b>Course Code</b>	<b>Course Title</b>	<b>Sections</b>
	EED4924	Senior Design Project – II	2
	EEMG4043	Engineering Management	1
	PEN4253	Power Systems Operation and Control	1
	PEN4251	Power Systems Operation and Control Lab	2
	ETN4214	Machine Learning and Artificial Intelligence	1