

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT
SEMESTER 1			
MAT 1102	Diff Calculus & Co-ordinate Geometry	NIL	3
PHY 1101	Physics 1	NIL	3
PHY 1102	Physics 1 lab	NIL	1/Lab
CSC 1102	Programming Language 1	NIL	3/Lab
CSC 1101	Computer Fundamentals	NIL	3/Lab
ENG 1101	English Reading Skills and Public Speaking	NIL	3
			Total Credit: 16
SEMESTER 2			
CSC 1204	Discrete Mathematics	CSC 1102	3
MAT 1205	Integral Calculus & Ord. Diff Equation	MAT 1101	3
PHY 1203	Physics 2	PHY 1101	3
PHY 1204	Physics 2 lab	PHY 1102	1/Lab
CSC 1203	Programming Language 2	CSC 1102	3/Lab
BBA 1102	Principles of Accounting	NIL	3
ENG 1202	English Writing Skills and Communication	ENG 1101	3
			Total Credit: 19
SEMESTER 3			
MAT 2101	Complex Variable, Laplace & Z-transformation	MAT 1205	3
CSC 2105	Data Structure	CSC 1203, CSC 1204	3/Lab
EEE 1201	Electrical Circuits -1 (DC)	PHY 1101	3
EEE 1202	Electrical Circuits -1 Lab (DC)	PHY 1101	1/Lab
CSC 2107	Introduction to Database	CSC 1203	3/Lab
BBA 1204	Principles of Economics	MAT 1205, CSC 1204	3
ENG 2101	Business Communications	ENG 1202	3
CSC 2106	Computer Organization & Architecture	CSC 1203	3/Lab
			Total Credit: 22

SEMESTER 4			
CSC 2211	Algorithms	CSC 2105	3/Lab
EEE 2101	Electrical Circuits 2 (AC)	EEE 1201	3
EEE 2102	Electrical Circuits-2 (AC) Lab	EEE 1202	1/Lab
CSC 2209	Object Oriented Programming 1	CSC 2105	3/Lab
EEE 2104	Electronic Devices Lab	EEE 1202	1/Lab
EEE 2103	Electronic Devices	EEE 1201	3
CSC 2208	Operating Systems	CSC 2106	3/Lab
BAE 2101	Computer Aided Design & Drafting		1
MAT 2202	Matrices, Vectors, Fourier analysis	MAT 1205	3
			Total Credit: 21
SEMESTER 5			
EEE 2205	Digital Logic Design	EEE 2103	3
EEE 2206	Digital Logic Design Lab	EEE 2104	1/Lab
MAT 3101	Mathematical Methods Of Engineering	MAT 2202	3
CSC 3115	Object Oriented Programming 2	CSC 2209	3/Lab
MAT 3103	Statistics And Probability	MAT 1205	3
CSC 3116	Computer Networks	CSC 2208	3/Lab
CSC 3113	Theory Of Computation	CSC 2211	3
CSC 2210	Object Oriented Analysis and Design	CSC 2107, CSC 2105	3
			Total Credit: 22
SEMESTER 6			
CSC 3220	Compiler Design	CSC 3113	3
CSC 3224	Computer Graphics	CSC 2211, MAT 2202	3/Lab
EEE 3101	Digital Electronics	EEE 2101	3
EEE 3102	Digital Electronics Lab	EEE 2102	1/Lab
MGT 3202	Engineering Management	ENG 2101	3
CSC 3222	Web Technologies	CSC 3115	3/Lab
CSC 3223	Advanced Computer Networks	CSC 3116	3/Lab
			Total Credit: 19