A. Humanities and Social Sciences

Code	Course Name	Contact hour
BAS025	Int. to Engineering and Environment	2
BAS026	Technical English Language 1	4
BAS027	Human Rights	2
BAS114	Technical English Language 2	4
BAS122	Technical Report Writing	4
BAS421	Research and Analytic Skills	2
BAS422	Environmental Management	3
Total		**21**

B. Business Administration

Code	Course Name	Contact Hour
BAS213	Engineering Economy	3
BAS321	Project Management and Control	4
Total		**7**

C. Mathematics and Basic Sciences

Code	Course Name	Contact Hour
BAS011	Mathematics 1	4
BAS012	Mechanics 1	4
BAS013	Physics 1	6
BAS014	Engineering Chemistry	4
BAS016	Int. to Computer Systems	4
BAS021	Mathematics 2	4
BAS022	Mechanics 2	4
BAS023	Physics 2	6
BAS111	Mathematics 3	4
BAS121	Mathematics 4	4
BAS211	Engineering Probability and Statistics	4
BAS214	Computer Programming	4
BAS221	Numerical Methods in Engineering	4
Total		**56**

D. Engineering Culture

Code	Course Name	Contact Hour
BAS024	Production Engineering	5
BAS112	Electrical Engineering Fundamentals	5
BAS123	Int. to Information Technology	4
Total		**14**

E. Basic Engineering Sciences

Code	Course Name	Contact Hour
BAS015	Engineering Drawing and Projection	5
BAS113	Engineering Thermodynamics	5
BAS124	Strengthen of Materials	4
Total		**14**