UNIT DISTRIBUTION

YEAR ONE SEMESTER ONE				
S/No.	**UNIT CODE**	**UNIT TITLE**	**Contact Hours**	**Credit Hours**
1.	APH 107	Engineering Physics	45	3
2.	ACH 114	Engineering Chemistry	45	3
3.	AMM 112	Engineering Mathematics I	45	3
4.	EMT 100	Mechanical Engineering Drawing I	45	3
5.	SIT 100	Introduction to Computer Applications	45	3
6.	UCU 100	Communication Skills	45	3
7.	UCU101	HIV/AIDS	45	3
TOTAL			**315**	**21**

YEAR ONE SEMESTER TWO				
S/No.	**UNIT CODE**	**UNIT TITLE**	**Contact Hours**	**Credit Hours**
1.	AMM 113	Engineering Mathematics II	45	3
2.	EMT 101	Workshop Technology I	45	3
3.	EMT 102	Workshop Processes Laboratory I	135	3
4.	EMT 103	Mechanical Engineering Drawing II	45	3
5.	ECT 101	Environmental Science	45	3
6.	UCU 102	Development Studies and National Cohesion	45	3
7.	UCU 103	Entrepreneurship and Business Studies	45	3
TOTAL			**405**	**21**

YEAR TWO SEMESTER ONE				
S/No.	**UNIT CODE**	**UNIT TITLE**	**Contact Hours**	**Credit Hours**
1.	AMM 212	Engineering Mathematics III	45	3
2.	EMT 200	Workshop Technology II	45	3
3.	EMT 201	Workshop Processes Laboratory II	135	3
4.	EMT 202	Engineering Mechanics	45	3
5.	EMT 203	Solid and Structural Mechanics I	45	3
6.	EMT 204	Materials Science	45	3
7.	EMT 205	Computer Aided Engineering	45	3
8.	EET 214	Principles of Electrical Technology	45	3
TOTAL			**405**	**24**

YEAR TWO SEMESTER TWO				
S/No.	**UNIT CODE**	**UNIT TITLE**	**Contact Hours**	**Credit Hours**
1.	AMM 213	Engineering Mathematics IV	45	3
2.	EMT 206	Engineering Thermodynamics I	45	3
3.	EMT 207	Fluid mechanics I	45	3
4.	EMT 208	Mechanics of Machine I	45	3
5.	EMT 209	Solid and Structural Mechanics II	45	3
6.	EMT 210	Mechanical Engineering Laboratory	135	3
7.	EET 215	Introduction to Analogue Electronics	45	3
8.	EET 216	Electrical Machines	45	3
TOTAL			**450**	**24**

YEAR THREE SEMESTER ONE				
S/No.	**UNIT CODE**	**UNIT TITLE**	**Contact Hours**	**Credit Hours**
1.	AMS 334	Probability and Statistics	45	3
2.	EMT 300	Mechanics of Machines II	45	3
3.	EMT 301	Engineering Thermodynamics II	45	3
4.	EMT 302	Fluid mechanics II	45	3
5.	EMT 303	Engineering Design I	45	3
6.	EET 312	Introduction to Digital Electronics	45	3
7.	SIT 306	Computer Programming	45	3
TOTAL			**315**	**21**

YEAR THREE SEMESTER TWO				
S/No.	**UNIT CODE**	**UNIT TITLE**	**Contact Hours**	**Credit Hours**
1.	AMM 318	Numerical Methods	45	3
2.	EMT 304	Economics and Principles of Management	45	3
3.	EMT 305	Fundamentals of CAD/CAM Lab	135	3
4.	EMT 306	Engineering Design II	45	3
5.	EMT 307	Metrology	45	3
6.	EMT 308	Safety Engineering	45	3
7.	EET 312	Automation Technology	45	3
TOTAL			**405**	**21**

YEAR THREE SEMESTER THREE			
S/No.	**UNIT CODE**	**UNIT TITLE**	**Instructional Hours**
1.	ECT 316	Industrial Attachment	480

YEAR FOUR SEMESTER ONE				
S/No.	**UNIT CODE**	**UNIT TITLE**	**Contact Hours**	**Credit Hours**
1.	EET 419	Control Engineering	45	3
2.	EMT 400	Thermal Power Systems	45	3
3.	EMT 401	Mechanical Engineering Project I	45	3
4.	EMT 402	Automotive Technology	45	3
5.	EMT 403	Fluid Power Control	45	3
TOTAL			**315**	**21**
ELECTIVES **Manufacturing and Industrial Engineering**				
6.	EMT 404	Advanced machining Processes	45	3
7.	EMT 405	Manufacturing Processes	45	3
TOTAL			**90**	**6**
Material and Metallurgical Engineering				
6.	EMT 406	Heat Treatment and Phase Transformation	45	3
7.	EMT 407	Metal Forming Technology	45	3
TOTAL			**90**	**6**
Automotive and Auto-Electrics Engineering				
6.	EMT 408	Automobile Engineering	45	3
7.	EMT 409	Power train and Vehicle Dynamics	45	3
TOTAL			**90**	**6**

YEAR FOUR SEMESTER TWO				
S/No.	**UNIT CODE**	**UNIT TITLE**	**Contact Hours**	**Credit Hours**
1.	EMT 410	Robotics Technology	45	3
2.	EMT 411	TQM and Reliability Maintenance	45	3
3.	EMT 412	Mechanical Engineering Project II	45	3
4.	EMT 413	Operations Management	45	3
5.	EMT 414	Industrial Pollution	45	3
TOTAL			**315**	**21**
ELECTIVES **Manufacturing and Industrial Engineering**				
6.	EMT 415	Tool Engineering Design	45	3
7.	EMT 416	Industrial Engineering	45	3
TOTAL			**90**	**6**
Material and Metallurgical Engineering				
6.	EMT 417	Non-destructive testing	45	3
7.	EMT 418	Corrosion and Surface Engineering	45	3
TOTAL			**90**	**6**
Automotive and Auto-Electrics Engineering				
6.	EMT 419	Internal Combustion Engines	45	3
7.	EMT 420	Automotive Mechatronics	45	3
TOTAL			**90**	**6**