

DOUBLE MAJOR IN MECHANICAL ENGINEERING GENERAL

First Semester

Course Code	Course Name	C	L/P	C	ECTS
CHM101	General Chemistry	3	2	4	5
MTH101	Mathematics I	4	0	4	6
ECC103	Engineering Drawing I	2	1	3	5
PHY101	General Physics I	3	2	4	6
ME100	ME Orientation	2	0	2	3
TOTAL		14	5	17	25

Second Semester

Course Code	Course Name	C	L/P	C	ECTS
ECC101	Introduction to Computer and Programming	3	1	4	6
MTH102	Mathematics II	4	0	4	6
ECC013	Engineering Drawing II	2	1	3	5
PHY102	General Physics II	3	2	4	6
TOTAL		12	4	15	23

Third Semester

Course Code	Course Name	C	L/P	C	ECTS
MTH201	Ordinary Differential Equations	4	0	4	6
ECC211	Engineering Materials	4	0	4	7
ECC206	Statics	4	0	4	7
ECC207	Thermodynamics I	4	0	4	7
TOTAL		16	0	16	27

Fourth Semester

Course Code	Course Name	C	L/P	C	ECTS
EE206	Electrical Machinery	3	0	3	4
ME218	Applied Mathematics for Mechanical Engineers	3	0	3	6
ECC209	Manufacturing Technology I	3	0	3	4
ECC212	Dynamics	3	0	3	5
ECC208	Thermodynamics II	3	0	3	5
ECC213	Sternngth of Materials I	4	0	4	5
ME200	Workshop Training	0	0	0	1
TOTAL		19	0	19	30

Fifth Semester

Course Code	Course Name	C	L/P	C	ECTS
ECC304	Fluid Mechanics I	4	0	4	7
ECC307	Machine Design I	4	0	4	6
ME307	Sternngth of Materials II	4	0	4	7
ECC305	Manufacturing Technology II	3	0	3	4
ECC306	Heat Transfer I	4	0	4	7
TOTAL		19	0	19	31

Sixth Semester

Course Code	Course Name	C	L/P	C	ECTS
MTH323	Numerical Analysis	3	0	3	6
ECC309	Theory of Machines I	0	0	0	3
ECC308	Machine Design II	4	0	4	5
ECC310	Control Systems	3	0	3	5
ME314	Heat Transfer II	3	0	3	6
ME300	Industrial Training	0	0	0	3
TOTAL		13	0	13	28

Seventh Semester

Course Code	Course Name	C	L/P	C	ECTS
ME403	Theory of Machines II	4	0	4	6
ECC424	Experimental Analysis of Mech. Eng. Sys.	1	2	3	6
TE	Technical Elective (Mech. Eng.)	3	0	3	6
TE	Technical Elective (Mech. Eng.)	3	0	3	6
TE	Technical Elective (Mech. Eng.)	3	0	3	6
TOTAL		14	2	16	30

Eighth Semester

Course Code	Course Name	C	L/P	C	ECTS
ME400	Graduation Project	4	0	4	7
TE	Technical Elective (Mech. Eng.)	3	0	3	6
TE	Technical Elective (Mech. Eng.)	3	0	3	6
TE	Technical Elective (Mech. Eng.)	3	0	3	6
RNTE	Restricted Non-Technical Elective	3	0	3	5
TOTAL		16	0	16	30

TOTAL	Contact Hs	Lab/Practice Hs	Credit	ECTS
	123	11	131	224