

Mechanical Engineering (Application-oriented course)

Sem	No.	Course	Code	Credit	BB/TC
1	1	Phylosophy	ML06001	3	BB
1	2	English	SN06003	2	BB
1	3	Mechanics of Machinery	CD06004	2	BB
1	4	Calculation of Agricultural Machinery	CD07008	2	BB
1	5	Hydraulic Control and Transmission	CD07010	2	BB
1	6	Advanced Surface Treatment Technology	CD07011	2	BB
1	7	Calculation Engineering	CD06061	3	BB
1	8	Engineering Vibration	CD06062	2	BB
1	9	Research Methods in Mechanical Engineering	CD06063	3	BB
1	10	Calculate Heat Transfer	CD07064	2	BB
2	11	Dynamics of Machinery	CD07012	2	TC
2	12	Calculation of Fluid Dynamic	CD07014	2	TC
2	13	Modeling and Simulation for the Technical System	CD07018	2	TC
2	14	Electronic Control for Vehicle	CD07019	2	TC
2	15	Moving Stability of the Vehicle	CD07020	2	TC
2	16	Vehicle Transmission and Brake System	CD07021	2	TC
2	17	Soil-Machine Interactions	CD07022	2	TC
2	18	Special Manufacturing Methods	CD07023	2	TC
2	19	New Technical Materials	CD07024	2	TC
2	20	Advanced Welding Technology	CD07025	2	TC
3	21	Automobile - Tractor Diagnostics	CD07026	2	TC
3	22	Reliability in Machine Manufacturing design and Machine System	CD07027	2	TC
3	23	Theory of Friction, Attrition and Lubrication	CD07028	2	TC
3	24	Calculation of Equipment for Animal Production	CD07065	2	TC
3	25	Refrigeration Technology and Equipment	CD07066	2	TC
3	26	Calculation of Food Processing Machinery	CD07067	2	TC
3	27	Calculation of Drying Equipment	CD07068	2	TC
3	28	Economics and Resources Management	KT 07022	2	TC
3	29	Advanced Enterprise Management	KQ 07018	2	TC
3	30	Development and Enviromental Protection	MT06021	2	TC
4	31	Master's thesis	CD07994	9	BB

Note: BB: Compulsory; TC: Elective