

Mechanical Engineering (Research-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 Engineering	CD06005	3	BB
1	5	Engineering Vibration	CD06006	2	BB
1	6	Research Methods in Mechanical Engineering	CD06007	3	BB
2	7	Calculation of Agricultural Machinery	CD07008	2	BB
2	8	Heat Transfer Theory	CD07009	2	BB
2	9	Hydraulic Control and Transmission	CD07010	2	BB
2	10	Advanced Surface Treatment Technology	CD07011	2	BB
2	11	Dynamics of Machinery	CD07012	2	TC
2	12	Calculation of Equipment for Animal Production	CD07013	2	TC
2	13	Calculation of Fluid Dynamic	CD07014	2	TC
2	14	Refrigeration Technology and Equipment	CD07015	2	TC
2	15	Calculation of Food Processing Machinery	CD07016	2	TC
2	16	Drying Technology and Equipment	CD07017	2	TC
3	17	Modeling and Simulation for the Technical System	CD07018	2	TC
3	18	Electronic Control for Vehicle	CD07019	2	TC
3	19	Moving Stability of the Vehicle	CD07020	2	TC
3	20	Vehicle Transmission and Brake System	CD07021	2	TC
3	21	Soil-Machine Interactions	CD07022	2	TC
3	22	Special Manufacturing Methods	CD07023	2	TC
3	23	New Technical Materials	CD07024	2	TC
3	24	Advanced Welding Technology	CD07025	2	TC
3	25	Automobile - Tractor Diagnostics	CD07026	2	TC
3	26	Reliability in Machine Manufacturing design and Machine System	CD07027	2	TC
3	27	Theory of Friction, Attriction and Lubrication	CD07028	2	TC
3	28	Economics and Resources Management	KT07022	2	TC
3	29	Advanced Enterprise Management	KQ07018	2	TC
3	30	Development and Enviromental Protection	MT06021	2	TC
3,4	31	Master's thesis	CD07999	9	BB

Note: BB: Compulsory; TC: Elective