

Industrial Engineering Courses:

Course No.	Course Title	Credits
1810101	Mathematics for Engineers I	3
1810106	Mathematics for Engineers II	3
1810201	Mathematics for Engineers III	3
1810102	Physics	3
1810114	Physics Lab	1
1840102	Chemistry	3
1840203	Chemistry Lab	1
1840219	Engineering Drawing & Machine Elements Design I	2+1
1840333	Advanced Machine Design	3
1810105	Engineering Workshop and Safety	1+1
1840208	Manufacturing Technology 1	3
1840313	Manufacturing Technology 1 Lab	1
1840421	Manufacturing Technology 2	3
1840422	Manufacturing Technology 2 Lab	1
1810208	Instrumentation & Measurement	3
1810209	Instrumentation & Measurement Lab	1
1840307	Quality Control	2
1840312	Sustainability (Environment, Recycling & Alternative Energy)	2
1840315	Factory Layout & Organization Planning	2
1840101	Introduction to Industrial Engineering	1

1840428	Operations Research & Optimization	3
1840434	Management Information Systems	3
1800011	Entrepreneurship	2
1840402	Introduction to Project	3
1810103	Fundamentals of Electrical Engineering I	3
1810104	Fundamentals of Electrical Engineering I Lab	1
1810107	Fundamentals of Electrical Engineering II	3
1810108	Fundamentals of Electrical Engineering II Lab	1
1810309	Engineering Numerical Analysis	2
1810330	Control Systems I	3
1840206	Electronics	2
1840310	Electronics Lab	1
1810323	Electrical Machines	3
1810324	Electrical Machines Lab	1
1810111	Informatics I	3
1810112	Informatics I Lab	1
1810204	Informatics II	2
1810205	Informatics II Lab	1
1840205	Statics	2
1840311	Mechanics of Materials	2
1840232	Dynamics	2
1810301	Electrical Workshop I	1+1
1840314	Fluid Mechanics	2
1840204	Thermodynamics & Heat Transfer	3

1840209	Engineering Materials (Metallurgy)	2
1840416	Pneumatics and Hydraulics	3
1840424	Engineering Economy	2
1830253	Cost Accounting	2
1830251	Principles of Marketing	2
1830305	Project Management	2
1830301	Production & Operations Management	2
1831402	International Supply Chain Management	2
1830302	Human Resource Management	2
1840425	Total Quality Management	3
1840217	Maintenance Management	2
1840426	Special Topic in Industrial Engineering	3