

Category A	COURSES: IMSE Multidisciplinary PhD Program (15 March 2018)
Course #	Title
06-91-500	Optimization
06-91-501	Industrial Experimentation and Applied Statistics
06-91-502	Manufacturing Systems Simulation
06-91-503	Production and Inventory Control Systems
06-91-504	Advanced Operations Research I
06-91-505	Advanced Operations Research II
06-91-506	Computer-Aided Modeling of Complex Surfaces
06-91-507	Advances in Industrial Ergonomics
06-91-508	Reliability Engineering
06-91-509	Computer-Integrated Manufacturing
06-91-510	Advanced Engineering Economy
06-91-511	Stochastic Process
06-91-512	Manufacturing Systems Paradigms
06-91-514	Engineering Design, Methodology & Applications
06-91-515	Artificial Intelligence Applications in Manufacturing
06-91-516	Computer-Aided Design (CAD)
06-91-517	Automotive Assembly Work Measurement
06-91-518	Manufacturing Systems: Modelling, Analysis & Performance Measures
06-91-519	Work Organization: Analysis and Design
06-91-520	Engineering Applications in Health Care
06-91-521	Sustainable Manufacturing
06-91-522	Supply Chain Management & Logistics
06-91-523	Product Innovation and Design Management
06-91-524	Advanced Topics in Discrete Optimization
06-91-590-01	Special Topics: Sustainable Manufacturing
06-91-590-05	Special Topic: Data Mining
06-91-590-16	Special Topics: Industrial Robots Modeling and Simulation
06-91-590-17	Special Topics: Industrial Robotics Dynamics and Control
06-91-590-18	Special Topics: Complexity in Engineering
06-91-590-20	Special Topics: Service Engineering
06-91-590-21	Special Topics: Advanced Computer-aided Machining & Measurement
06-91-590-22	Special Topics: Warehouse Design & Distribution Logistics
06-91-590-23	Special Topics: Product Variety Management
06-91-590-25	Simulation of Industrial Systems
06-91-590-28	Facilities Design and Logistics
06-91-590-29	Special Topics: Essentials of Safety
06-91-590-30	Special Topics: Production Analysis
06-91-590-31	Operations Research II
06-91-590-32	Flexible Manufacturing Systems
06-91-590-33	Product, Mfg Process/Business Integration
06-91-590-34	Lean Manufacturing & Process Improvement
06-91-590-36	Analysis/Design-Engineered Systems
06-91-590-39	Sp Topics: Production Analysis
06-91-590-40	Sp Topics: Technology Entrepreneurship
06-91-590-41	Sp Topics: Creative Problem Solving
06-91-590-76	Condition Monitoring & Diagnostics
06-91-590-80	Topic: Statistical Quality Control