

IME CONCENTRATIONS and COURSES

- Operations Research
 - IME 550 Operations Research I
 - IME 650 Operations Research II
 - IME 750 Linear programming
 - IME 850 Integer programming
 - IME 851 Stochastic processes
 - IME 930 Multiple Criteria Decision Making
 - IME 960B Network Optimization
- Systems
 - IME 556 Information Systems
 - IME 664 Engineering Management
 - IME 740 Anal. of Decision Processes
 - IME 764 Systems Engineering and Analysis
 - IME 865 Modeling and Analysis of Discrete Systems
 - IME 877 Foundations of Neural Networks
- Production and Supply Chain Analytics
 - IME 553 Production Systems
 - IME 565 Systems Simulation
 - IME 563 Facilities Planning and Design
 - IME 783 Supply Chain Management
 - IME 767 Lean Manufacturing
 - IME 825 Enterprise Engineering
 - IME 880K Advanced Facilities and Material Handling
 - IME 883 Supply Chain Engineering
 - IME 960C Modeling and computational methods in supply chains
- Quality and Reliability
 - IME 754 Reliability and Maintainability Engineering
 - IME 835 Applied Forecasting Methods
 - IME 864 Risk Analysis
 - IME 554 Stat. Quality Control
 - IME 755 Design of Experiments
 - IME 854 Quality Engineering
- Manufacturing Engineering
 - IME 758 Analysis of Manufacturing Processes
 - IME 768 Metal Machining: Theory and Applications
 - IME 775 Computer Integrated Manufacturing
 - IME 778 Machining of Composites
 - ME 737 Robotic and Control
 - ME 659 or EE 684 Mechanical Control Systems or Introductory Control System Concepts
 - ME 760 Fracture Mechanics
 - ME 762 Polymeric Composite Materials
 - AE 722 Finite Element Analysis of Structures I
 - EE 784 Digital Control Systems
- Human Systems Engineering
 - IME 549 Ergonomics
 - IME 749 Ergonomic Assessment Methods
 - BME 752 Applied Human Biomechanics
 - BME 757 Clinical Biomechanics Instrumentation
 - ME 709 Injury Biomechanics
 - PHS 808 Epidemiology
 - PHS 816 Environmental Health
 - PSY 920 Psychological Principles of Human Factors
 - PSY 921 Seminar in Human Factors