

Manufacturing Systems Engineering (MSE)

Courses

MSE 401 (ME 401) Integrated Product Development 3 Credits

An integrated and interdisciplinary approach to engineering design, concurrent engineering, design for manufacturing, industrial design and business of product development. Design methods, philosophy and practice, the role of modeling and simulation, decision making, risk, cost, materials and manufacturing process selection, platform and modular design, mass customization, quality, planning and scheduling, business issues, teamwork, group dynamics, creativity and innovation. Case studies and team projects with geographically dispersed team members.

MSE 472 Special Topics 1-3 Credits

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