MECH6337 - Systems Engineering, Architecture and Design

MECH 6337 (SYSM 6301) Systems Engineering, Architecture and Design (3 semester credit hours)
Architecture and design of large-scale and decentralized systems from technical and management perspectives. Systems architectures, requirements analysis, design tradeoffs, and reliability through case studies and mathematical techniques. International standardization bodies, engineering frameworks, processes, notations, and tool support from both theoretical and practical perspectives. (3-0) Y