

Minor in Systems Engineering

Daytona Beach Minor Requirements

MATH 412	Probability and Statistics	3
SYSE 301	Introduction to Systems Engineering	3
SYSE 304	Trade Studies, Risk and Decision Analysis	3
or SYSE 310	Systems Architecture Modeling	
SYSE 415	Systems Engineering Practices: Specialty Engineering	3
Choose One of the Following:		3
AERO 350	Project Engineering	
CIVE 222	Introduction to Environmental Engineering	
CIVE 311	Introduction to Transportation Engineering	
CIVE 340	Construction Engineering	
ELEC 311	Robotics and Autonomous Systems I	
ELEC 401	Control Systems Analysis and Design	
MGMT 201	Principles of Management	
SYSE 303	Optimization in Systems Engineering	
CESC 300	Computing in Aerospace and Aviation	
CPSC 350	Computer Modeling and Simulation / Systems Modeling	
ENGP 312	Space Systems Engineering	
HFCT 315	Automation and Systems Issues in Aviation	
HFCT 325	Human Factors and System Safety	
HFCT 412	Simulating Humans in Complex Systems	
SYSE 302	System Engineering Design Considerations	
SYSE 330	Professional Standards for Systems Engineers	
SYSE 401	Systems Modeling and Simulation	
SYSE 403	Systems Engineering Life Cycle Costing	
SYSE 425	System Quality Engineering	
SYSE 460	Systems Engineering Management	
Total Credits		15