SYS 241: Systems Engineering Technology Capstone

This capstone course consists of a real-world project in support of an industrial partner. Working as a team or teams, students will interact with the customer, develop an understanding of the objectives, deliverables, and the proposed or existing system. The students will evaluate available documentation, existing models, and determine a project schedule and work breakdown structure for their effort. Based on discussions with the customer, evaluation of the system, and recognition of the objectives of the project, the students will determine the scope and focus on the model needed. As a team or teams, the students will then design, document, build, test, and utilize a realistic, properly representative, model for that system. The students will also identify maturity paths for that model and opportunities to connect to other digital tools.

Credits: 3
Lab Hours: 0
Lecture Hours: 3
Prerequisites:
SYS 232
Program: Systems Engineering Technology
Semester Offered:
Spring