This course will fill an important gap for assuring cost optimization is used in complex system development. Successful students will learn to:

- Identify the importance of cost optimization across all program phases
- Implement traditional approaches to cost, cost estimation
- Differentiate outcomes in focusing on cost risk at the project, program, and enterprise level
- Apply cost optimization of supply source to decisions (make/buy) and of supply chain management

2019 Spring Semester Location: CSU Campus, Fort Collins, CO
Clark A206
Date: 1/23 — 5/15 2019  Wednesday 5:15—8 pm
Last date for registration: 27 January 2019
https://www.online.colostate.edu/courses/ENGR/ENGR581A3.dot

Dr. Ron Sega brings decades of experience in applying academic research to real-world situations. He joined Colorado State from the U.S. Government, where he served as Under Secretary of the Air Force. A former astronaut, Sega flew two missions into space on the space shuttle Discovery in 1994 and as payload commander for the third shuttle/Mir docking mission aboard Atlantis in 1996.

Dr. Jim Adams has 17 years of systems engineering experience in Department of Defense, satellite and aircraft systems, and, industry-leading, in-process, diameter and thickness gauging systems. He is a Systems Engineer with Lockheed Martin Corporation working in the Boulder facility on the ground segment of the Space Based Infra-Red Satellite (SBIRS) system. Dr Adams has a diverse set of systems engineering experiences including as the customer for major satellite systems components, as the manager of a systems engineering team constrained by cost and schedule limits, as the chief engineer for a major segment supplier, and as the global, in-field, sales and engineering representative of niche measurement systems bringing together diverse customer needs into consolidated product requirements.