RT4 Systems Engineering Technical Leadership

Dr. Val Gavito, PI
Distinguished Research Professor
Stevens Institute of Technology

Ms. Nicole Hutchison, Research Assistant
SE Doctoral Candidate,
Stevens Institute of Technology
Yr 1: RT4 SE Technical Leadership Competencies

Yr 2: Systems Lens Course Themes: Leading in the face of Uncertainty, Ambiguity, & Change

Yr 3: Business Lens Course Themes: Understanding How Businesses Operate to Enhance Technical Buying Power

Yr 3: Enterprise Lens Course Themes: Adapting the Technical Enterprise

Yr 2 & 3: 3 SYS 350A Pilots
5 Focus Areas
4 Leadership Threads
Tested in 3 Pilots

Yr 3: 2 DAU SYS 350B Pilots
5 Focus Areas
3 Leadership Threads
Tested in 2 Pilots

Yr 3: 2 DAU SYS 350C Pilots
7 Focus Areas
3 Leadership Threads
Tested in 2 Pilots

RT4 Research Artifacts for DAU Assessment & Potential Course Transition

7 Course Pilots, 65 Syllabus Segments of Lecture, Case Study, Exercises, & Projects
3,900 Hours of SYS 350 Pilot Faculty-Student Contact