



Annual Report on Program Learning Outcomes Assessment

Program: Master of Engineering in Systems Engineering

Program Contact and Title: Christos Cassandras, Ph.D., Head of the Division of Systems Engineering

College/School Contact and Title: Hua Wang, Ph.D., Associate Division Head

Date: *November 13, 2015*

1. List the learning outcomes for the program:

- Demonstrate advanced quantitative and analytical foundations in selected core areas of systems, control, and decision theory, optimization, simulation, and stochastic processes.
- Demonstrate deep technical knowledge in concentration areas of energy and environmental systems, control systems, network systems, computational and systems biology, production and service systems, or operation research.
- Demonstrate competency in communication and management skills, and understanding of business fundamentals.