Applied Systems Engineering Management Graduate Certificate

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Applied Systems Engineering Management provides a multidisciplinary set of tools and techniques for understanding, organizing, and managing the complexity of product/service solution development throughout the product life cycle. The program emphasis delivers the necessary skills and knowledge essential for successful systems of systems development in today's fast-paced environment. Students will learn a fundamental and systematic approach for a variety of essential elements, how they interact, how they are dependent upon one another leading to overall best practices. The content reflects an agile and lean approach to system development to meet specific business challenges. Students will learn current industry best practices to ensure robust, cost-effective approaches that meet stringent functional, performance, and cost requirements.

Required:

TECH 6400	Introduction to Applied Systems Development & Management	3
TECH 6420	Systems Architecture & Management	3
TECH 6440	Systems Engineering & Management	3
TECH 6460	Systems Life Cycle Management & Applications	3
TECH 6500	Applied Systems Development & Management Capstone	6
Total Hours		**18**

Related Programs

- Applied Engineering M.S.