**SYSM 6325 - Requirements Design, Development, and Integration for Complex Systems**

*SYSM 6325* Requirements Design, Development, and Integration for Complex Systems (3 semester credit hours) Building on the premise that systems engineering is the glue that holds complex programs together, this course will teach the foundations of effective requirements design and development for complex systems. Students will learn principles and techniques used for effective creation of requirements early within a system's lifecycle; including effective system integration planning. Practical skills are developed through the use of various case studies, and a significant group project (for real, "external" customers, when possible). Prerequisite or Corequisite: *SYSM 6301*. (3-0) Y