Why The Citadel is Right for You

The Citadel is ranked by *U.S. News & World Report* (2012) as the No. 1 Best Public University in the South offering up to a master’s degree. Within The Citadel Graduate College, 95% of the faculty have Ph.D.s or the highest degree offered in their particular discipline, which assures that students obtain the knowledge, skills and ideas needed to gain a competitive advantage in their career.

Conveniently located on the banks of the Ashley River with easy access to I-26, I-526, and Highway 17, The Citadel Graduate College provides opportunities for higher education and professional development through our nationally accredited bachelor’s, master’s, and specialist degrees.

Graduate Certificate in Systems Engineering Management

The Citadel is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools, an institutional accrediting body recognized by the Council on Postsecondary Education. The Commission on Colleges of the Southern Association of Colleges and Schools accredits The Citadel to award bachelor’s, master’s, and specialist degrees.

For more information, please contact

Dr. Charles Skipper, PE, PMP at (843) 953-9811
by email at charles.skipper@citadel.edu or visit
http://www.citadel.edu/pmgt/program-overview.html
Engineering Handbook serves as a primary textbook and reference for competency and knowledge development.

This program offers career and professional development opportunities for program managers, project managers, lead systems engineers, management professionals and practicing engineers.

**Program Requirements**

The Graduate Certificate in Systems Engineering Management program is comprised of four graduate-level courses (three required plus one elective) where students engage in both traditional and virtual classrooms that promote systems thinking and related competencies in general use throughout a broad spectrum of industries. The course focus will be on managing the development, verification, and delivery of an integrated and balanced set of systems, resources, and process solutions to satisfy customer needs.

Students must complete three required courses and one of the elective courses identified below:

**Required Core Courses:**
- PMGT 680 Systems Engineering Management Fundamentals
- PMGT 681 Requirements Development and Management
- PMGT 682 System Verification and Validation

**Elective Courses (select one):**
- PMGT 683 Systems Modeling and Integration
- PMGT 684 Human System Integration
- PMGT 685 Decision and Risk Analysis

Up to four courses in the SEM program may be used in completing the requirements for the Master of Science in Project Management. Please see your advisor for eligibility.

Please refer to The Citadel Graduate College catalog for a complete list of admission requirements and course descriptions.

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**About the Program**

The Graduate Certificate in Systems Engineering Management (SEM) provides a multidisciplinary approach to the management and delivery of complex projects and programs.

The course of instruction presents systems engineering as a well-developed body of knowledge with established methodologies and techniques from a management perspective with application to a wide range of industries. Standard project and program management processes are examined and integrated with aspects of systems engineering.

Course content is geared toward industry professionals interested in developing their systems engineering knowledge and performance competencies. Industry-based case studies and assignments, performed by individual students and in collaborative teams, are used to develop integrated systems thinking and management competencies. The International Council on Systems Engineering (INCOSE) Systems Engineering Handbook serves as a primary textbook and reference for competency and knowledge development.

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