Systems Engineering

Graduate certificate program

About the Program

Clemson University is proud to introduce the Systems Engineering Graduate Certificate Program for working professionals. Designed to provide practicing engineers and scientists from a variety of disciplinary backgrounds with the fundamentals of systems engineering, it focuses on managing project life cycles from inception through development to commissioning and project completion.

To accommodate the demanding schedules of full-time professionals, all classes are offered online through asynchronous, web-based delivery with no residency requirement. Lectures can be downloaded to a desktop, iPod, or mobile device for convenient viewing. Since these courses are self-paced and accessible on the web, students can continue their education regardless of their location worldwide.

Enrollment Information

This program consists of four, three-credit hour courses (12 credits total). The certificate requires two core systems engineering courses, Systems Engineering I (SYSE 801) and Systems Engineering II (SYSE 802), and two advanced courses (ME 893 and CPSC 881).

The program accepts students in both the Fall and Spring semesters. One core course will be offered each semester, SYSE 802 in the fall and SYSE 801 in the spring. These courses may be taken in any sequence. Following the completion of these courses, students take specialization courses. Credits earned in this program can subsequently be applied toward graduate degree programs at Clemson University. Thus, students wishing to continue their graduate studies either in Systems Engineering or a related field can jump-start their progress by enrolling in this certificate program.

Program Costs

Courses cost $750 per credit hour plus an estimated $50 in fees, or approximately $2,300 per course, regardless of residency status. Textbooks are an additional expense, and all students must have access to a state-of-the-art laptop (or the equivalent) and the Internet.

Register Now

"Systems Engineering - #1 Ranked Best Job in America"

- Money Magazine 2009

Contact us:

syse@clemson.edu
864-656-2035

CLEMSON
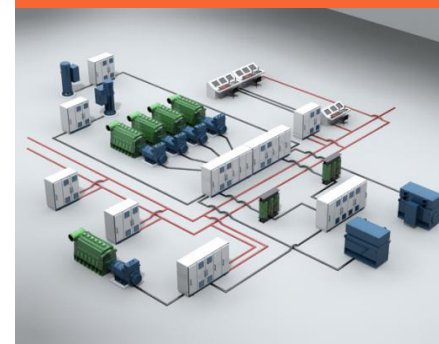College of ENGINEERING AND SCIENCE

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How to Register

1) Go to www.grad.clemson.edu

2) Select the "Apply Online" (orange button).

3) Read "Non-Degree Seeking" information.

4) Select "Create Your Account" under "Getting Started".

5) Create an account.

6) Go to www.grad.clemson.edu/admission/application.php. This is a also accessible by clicking on "Apply Now" (purple with orange flame) button at: www.grad.clemson.edu/Admission.php

7) Complete Application.

8) On page 4, under "College of Engineering and Science," select "Engineering and Science-nondegree Major Code 400."

9) Then, under "Specialty Area", select "None of the Above" from the drop down menu.

10) Select the "Apply Online" (orange button).

11) Once you are accepted, you will be sent a letter containing userid and password. Initially, your password is the last four digits of your SSN number. The link to the web registration site (TigerWeb) is http://tigerweb.clemson.edu/

12) Register for the course SYSE 801 and SYSE 802.

13) Go to the SISweb within TigerWeb to pay tuition (http://tigerweb.clemson.edu/). Click on "My University Bill".

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