



At Joint Base McGuire-Dix-Lakehurst

TAKE STEVENS GRADUATE COURSES ON-SITE AT THE JOINT BASE NAVY LAKEHURST!

ENROLL NOW! Classes start the week of **09 September 2013**. Courses are held at the Joint Base Navy-Lakehurst in **Hangar 1, Room 103**.

Stevens Degree Programs at the Joint Base Navy Lakehurst:

- Graduate Certificate in Systems Engineering
- M.S. in Systems Engineering

THERE IS STILL TIME TO APPLY and ENROLL! Classes start the week of **09 September 2013**. Classes meet once a week for 13 weeks and are held from **4:30pm to 7:00pm**, weekday evenings.

NOTE: SUPERVISORY APPROVAL IS REQUIRED BEFORE REGISTERING FOR COURSES

Fall 2013 Stevens Course Schedule

Systems Engineering Graduate Certificate and Masters Program

Course: SYS 611 - MODELING & SIMULATION

This course emphasizes the development of modeling and simulation concepts and analysis skills necessary to design, program, implement, and use computers to solve complex systems/products analysis problems. The key emphasis is on problem formulation, model building, data analysis, solution techniques, and evaluation of alternative designs/ processes in complex systems/products. Overview of modeling techniques and methods used in decision analysis, including Monte Carlo and discrete event simulation is presented.

DATE: TUESDAYS, 4:30 – 7:00 (Classes run from 10 September – 10 December 2013)

LOCATION: HANGAR 1, ROOM 103

TUITION: \$4,020.00

TECHNOLOGY FEE: \$45.00

INSTRUCTOR: Professor Walt Lucchesi

There are no textbook requirements for this class; however students will need to purchase a license for Crystal Ball software (\$99 per license). It can be purchased through the Stevens bookstore.

Course: SYS 650 - SYSTEM ARCHITECTURE AND DESIGN

Prerequisite: SYS 625

This course discusses the fundamentals of system architecting and the architecting process, along with practical heuristics. Furthermore, the course has a strong "how-to" orientation, and numerous case studies are used to convey and discuss good architectural concepts as well as lessons learned. Adaptation of the architectural process to ensure effective application of COTS will also be discussed. In this regard, the course participants will be introduced to an architectural assessment and evaluation model. Linkages between early architectural decisions, driven by customer requirements and concept of operations, and the system operational and support costs are highlighted.

DATE: WEDNESDAYS, 4:30 – 7:00 (Classes run from 11 September – 11 December 2013)

LOCATION: HANGAR 1, ROOM 103

TUITION: \$4,020.00

TECHNOLOGY FEE: \$45.00

INSTRUCTOR: Professor Moshiur Rahman

For additional Stevens information, please contact Sarah Jane Crompton, 201-216-5510, sarah.crompton@stevens.edu or visit their website at

<http://sse.stevens.edu/academics/graduate/systems-engineering/>

FAX COMPLETED ENROLLMENT FORMS TO 1-866-430-7139