



NPS Fleet Concentration Areas  
 QUARTERLY NEWSLETTER  
 NAVAL POSTGRADUATE SCHOOL– July 2015

# Distance Learning

## OFFERING OVER 40 DISTANCE LEARNING CERTIFICATE & MASTERS DEGREE PROGRAMS

Online applications are currently being accepted for the following programs. Deadlines for Fall Applications vary, but are rapidly approaching! *Tuition is free for Naval Officers.*

### PROGRAMS STARTING IN FALL 2015:

#### MASTERS DEGREE PROGRAMS:

**Master of Systems Analysis Degree Program (MSA, Curriculum 363):** The MSA program is designed to meet the needs of the Navy and other services in the Department of Defense (DoD) for technical graduate education in systems analysis as a basis for aiding key decisions on force requirements, weapons systems, and other defense matters. Students acquire foundation skills and hands-on experience in all aspects of analytical studies. MSA grads earn the Navy 3210P subspecialty code, Operations Research Analysis. Point of Contact: [MSADEGPROG@NPS.EDU](mailto:MSADEGPROG@NPS.EDU) or [CED3STUDCOORD@NPS.EDU](mailto:CED3STUDCOORD@NPS.EDU)

**Executive Masters of Business Administration (EMBA, Curriculum 805 mil, 807 civ):** This program is a defense-focused general management program for senior Department of Navy officers and senior Department of Navy civilians. The program design and course work capitalizes on the current managerial and leadership experience of program participants. The EMBA is a 24-month, part-time, distance learning degree program. Classes meet once a week, approximately 6-7 hours per day, depending on course units. Point of Contact: [HTARABIS@NPS.EDU](mailto:HTARABIS@NPS.EDU)

**Mechanical Engineering for Nuclear Trained Officers (MSES-ME, Curriculum 572):** This program is designed to provide students with scientific engineering and technical knowledge of mechanical engineering. Students will gain the ability to identify, formulate, and solve technical and engineering problems in mechanical and astronautical engineering and other engineering disciplines. Point of Contact [MSESMEDL@NPS.EDU](mailto:MSESMEDL@NPS.EDU)

**Systems Engineering Non-Resident Master's Degree Program (SENonResDeg, Curriculum 311):** The SE Non-Resident Degree Program is designed for DoD organizations faced with a wide range of systems engineering and integration challenges. These commands can now partner with NPS to educate and train engineers with tools and technologies relevant to their work, resulting in employees with greater knowledge and expertise to enable them to better meet the needs of their customers. This is a 24-month, part-time, distance learning degree program. Point of Contact: [CED3STUDCOORD@NPS.EDU](mailto:CED3STUDCOORD@NPS.EDU)

#### CERTIFICATE PROGRAMS:

**Human Systems Integration (Curriculum 262)** Human Systems Integration (HSI) acknowledges that the human is a critical component in any complex system. It is an interdisciplinary approach that makes explicit the underlying tradeoffs across the HSI domains (and, in particular, manpower, personnel, training, and human factors engineering) to optimize total system performance with the constraints of cost, schedule, and risk. Point of Contact: [HSICERTPROG@NPS.EDU](mailto:HSICERTPROG@NPS.EDU) or [CED3STUDCOORD@NPS.EDU](mailto:CED3STUDCOORD@NPS.EDU)

**Space Systems Certificate Program (Curriculum 273)** Space assets are essential to modern warfare. The Space Systems Certificate provides the foundation to understanding the integration of space capabilities across combined armed forces, involving networks, sensors, and weapons. The certificate course sequences covers MILSATCOM, remote sensing, physics of the space environment, and orbitology, providing knowledge, and insight to exploit the combat advantage provided by current and future space-based resources. Point of Contact: [SSCERTPROG@NPS.EDU](mailto:SSCERTPROG@NPS.EDU) or [CED3STUDCOORD@NPS.EDU](mailto:CED3STUDCOORD@NPS.EDU)

**Signal Processing (SP) (Curriculum 290):** Provides the engineering foundation needed to generate, analyze and process, transform and transmit, extract and hide digital information. Applications to audio and video signals, communications and multimedia systems are considered throughout the program to expose students to current practices, emerging trends and developments integral in modern systems. Point of Contact: [ECEDL@NPS.EDU](mailto:ECEDL@NPS.EDU)

**Digital Communications:** This program provides students an understanding of random processes sufficient for analysis of communication systems and networks corrupted by broadband noise and multipath fading. The certificate provides a solid engineering foundation which covers the fundamental concepts of communication systems and networks, forward error control coding and its impacts when used in modern digital communications systems. Point of Contact: [FARQUES@NPS.EDU](mailto:FARQUES@NPS.EDU)

Craig Turley, CAPT USN (Ret.) is available for command briefings and individual counseling on resident and distance learning graduate education opportunities. He can be contacted at [cwturley@nps.edu](mailto:cwturley@nps.edu). Appointments are available by contacting Ashley DeCarli (619) 556-3289.



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