



Naval Postgraduate School  
JANUARY 2017

# NEWSLETTER

NPS Provides an outstanding opportunity to complete a graduate degree in a variety of technical and non-technical programs, both in *residence* and in *distance learning*.

All interested applicants should explore the NPS website to collect information on various curriculums. After getting a detailee endorsement, applicants must complete the application process through the NPS website: <http://www.nps.edu>.

All interested applicants for *residence* should contact their detailee prior to apply with NPS to discuss desired curriculum.

All NPS *resident* curriculum quotas are assigned by OPNAV to each community based needs of the Navy.

As a result, the member's desired curriculum may not be offered for the member's community.

All interested applicants for *distance learning programs* only need apply online.

Refer to NAVADMIN 250/16 of 091359ZNOV16.

For more information contact CAPT Craig Turley USN (ret) at [CWTURLEY@NPS.EDU](mailto:CWTURLEY@NPS.EDU) or CALL (619)556-3282

## DISTANCE LEARNING MASTERS DEGREE PROGRAMS:

<http://www.nps.edu/DL/>

**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)

**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:

**Space Systems Certificate Program (SS):** Space assets are essential to modern warfare. The SS certificate provides the foundation to understanding the integration of space capabilities across combined armed forces, involving networks, sensors, and weapons. Students who complete the certificate will be awarded the 6206-L Space Systems Operations subspecialty code. Point of Contact: [CED3STUDCOORD@NPS.EDU](mailto:CED3STUDCOORD@NPS.EDU)

**Anti-Submarine Warfare (ASW) (Curriculum 274):** This certificate provides a science and engineering foundation which covers fundamental concepts in our areas: Physical Oceanography, Signal Processing, operations Research, and Engineering Acoustics. These subjects are the educational cornerstone for this highly interdisciplinary certificate program. Point of Contact: [DKAPOLKA@NPS.EDU](mailto:DKAPOLKA@NPS.EDU)

**Human Systems Integration (Curriculum 262)** Human Systems Integration (HIS) 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 HIS 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)

## Resident Program in the Spotlight: Operations Analysis (OA) Program:

Originating during World War II as a response to tactical problems relating to the optimal operation of weapon systems and to operational problems relating to the deployment and employment of military forces, Operations Research (OR), also known as Operations Analysis (OA), has since evolved to a full-scale scientific discipline that is practiced widely by analysts in industry, government, and the military. It is the development and application of mathematical models, statistical analyses, simulations, analytical reasoning and common sense to the understanding and improvement of real-world operations.

Each student learns computational methods and develops skills to identify relevant information, formulate decision criteria, and select alternatives. This education enhances performance in all duties throughout a military career including operational billets, technical management assignments and policy-making positions.

This science is necessary in today's increasingly complex operating environment in which officers and managers must respond quickly to a vast array of demands while also weighing the options and consequences of each into his or her final decision. OR offers a scientific approach through the use of many tools and techniques in order to assist an individual in his or her decision making process.

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**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).  
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Ashley Burrow (619) 556-3289.**