



**NPS Fleet Concentration Areas**  
QUARTERLY NEWSLETTER  
NAVAL POSTGRADUATE SCHOOL— SPRING 2018

# Distance Learning

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

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

### PROGRAMS STARTING IN 2018:

#### MASTERS DEGREE PROGRAMS:

**Master of Systems Analysis Degree Program (MSA, Curriculum 363, starts Fall/Spring):** 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. NAVADMIN 123/17  
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, starts Fall/Spring):** 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. NAVADMIN 057/17  
Point of Contact: [HTARABIS@NPS.EDU](mailto:HTARABIS@NPS.EDU)

**Program Management (MSPM, Curriculum 836, starts Fall)** This program is designed to provide primarily civilians (officers may participate with sufficient time on station to complete the program) in the Department of Defense (DoD) and other federal agencies an advanced education in the concepts, methodologies and analytical techniques necessary for successful management of programs/projects within complex organizations.  
Point of Contact [RDJONE1@NPS.EDU](mailto:RDJONE1@NPS.EDU)

**Systems Engineering Non-Resident Master's Degree Program (SENonResDeg, Curriculum 311, starts quarterly):** 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)

**Electronic Warfare Engineer Certificate Program( Curriculum 292) (Starts Quarterly):** This 3-graduate course program provides students with the cognitive skills and abilities to analyze, design and evaluate electronic warfare systems and apply these skills in a military systems environment.  
Point of Contact: [PMHARLEY1@NPS.EDU](mailto:PMHARLEY1@NPS.EDU)

**Cyber Warfare Graduate Certificate Program( Curriculum 288) (Starts Quarterly):** This program provides students with a technical foundation that prepares them for assignments related to research and management of wired and wireless cyber warfare systems, and for leadership roles in the area of cyber warfare. This coherent program provides a mixture of instruction and computed-based laboratories which offer students the opportunity to explore concepts and investigate applications in cyber warfare areas.  
Point of Contact: [FARGUES@NPS.EDU](mailto:FARGUES@NPS.EDU)

**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 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)

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To apply please visit:

<http://www.nps.edu>

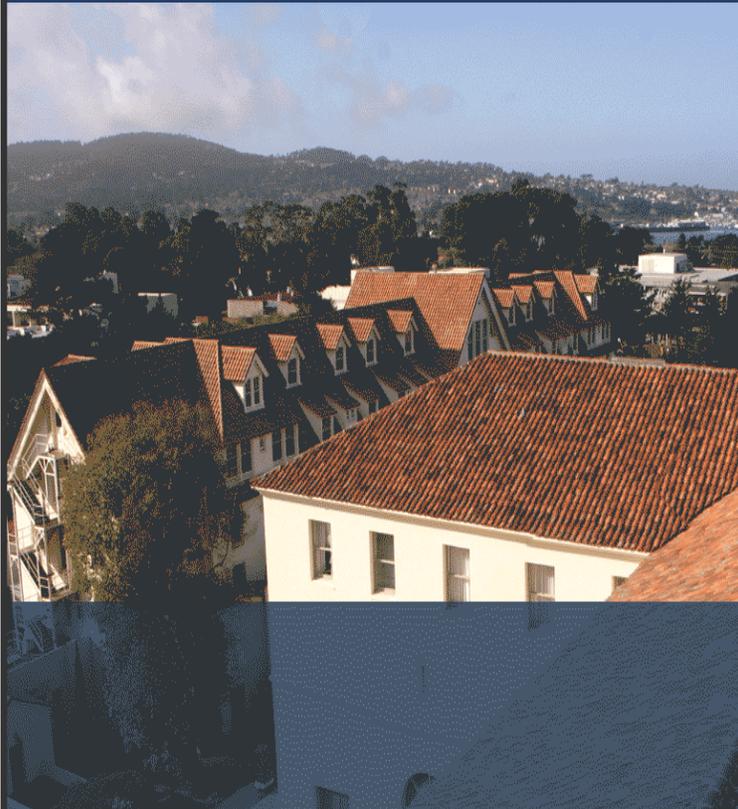
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# NEWSLETTER

NAVAL POSTGRADUATE SCHOOL – FLEET CONCENTRATION AREAS  
SPRING 2018



## RESIDENT PROGRAM IN THE SPOTLIGHT: Systems Engineering Analysis:

Are you looking for the best curriculum in the world for learning HOW to engineer, to lead, and to manage military transformation? Congratulations -- you just found it. Interested in leading transformation in the military by helping to design and improve the systems of the future? NPS has the best military Systems Engineering Analysis program in the world designed specifically to accomplish your goals, transform military systems, and enhance your career!

Unlike other Systems Engineering Analysis programs, the NPS program focuses on cutting edge military solutions to future needs. Projects have included solutions for UAV system of systems, future expeditionary warfare systems of systems, Command & Control, laser defense, advanced aviation lift, and advanced ship design.

<https://my.nps.edu/web/sea>

Point of Contact: [seainfo@nps.edu](mailto:seainfo@nps.edu)

## CURRENT EVENTS

### Monterey

Vint Cerf, Google's 'Chief Internet Evangelist' and Vice President, spoke with hundreds of NPS students, faculty, and staff for the latest in the Secretary of the Navy Guest Lecture series.

Together with Robert Kahn, Cerf developed TCP/IP for the U.S. military to allow networked communications between computers so they could share information. This system, called Internet, laid the groundwork for application of virtually every aspect of modern technology: Wi-Fi, the World Wide Web, E-mail, cell phones...

Cerf touched on topics spanning from the pros and cons of information sharing, the impending Digital Dark Age, and the firing of software engineer James Damore.

To read the full NPS article see:

<https://my.nps.edu/-/internet-pioneer-vint-cerf-shares-insights-with-nps>

### San Diego

"We all have an interest in ensuring NPS endures as the postgraduate research and educational institution of choice for the Navy-Marine Corps team and our partners. But going even further, I want this institution to be the primary educational and research based enterprise that partners with the private sector and academia to provide solutions to the vexing problems facing national security across the whole of government.

We will do so by continuing attract the best students through elevated admission standards; competing for and attracting and retaining a first rate faculty; placing an emphasis on relevant research that builds capabilities; and leveraging partnerships across government, industry, and educational institutions."

Secretary of the Navy, Richard V. Spencer: NPS February 1, 2018

### Norfolk

Senior leadership teams from diverse Navy commands improve their strategic planning at workshops offered by the NPS's Center for Executive Education. These "Strategic Planning for Execution: Assessment & Risk" (SPEAR) workshops, are delivered throughout the year at major Navy installations and include presentations by NPS faculty. Presentations outline and process for developing, executing and measuring effective strategies to address major Navy challenges. Teams spend most of their time in working sessions with experienced facilitators to focus on their own real life strategic plans, enabling them to make progress after the workshop. CEE is delivering a SPEAR workshop at Norfolk DPO in June, which will be attended by commands such as NAVIFOR, OJAG, NAVCOMOPTEVFOR and CVN 77. Several of these teams will be led by their Command Admirals while others are led by Captains or GS-15 civilian leaders. Commands interested in future SPEAR workshops contact [NEDPRegistrar@nps.edu](mailto:NEDPRegistrar@nps.edu) or (831) 656-3850.