



NPS Fleet Concentration Areas
QUARTERLY NEWSLETTER
NAVAL POSTGRADUATE SCHOOL— OCTOBER 2019

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 2020:

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 or 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

Mechanical Engineering for Nuclear Trained Officers (Curriculum 572) (Continuous Enrollment): This program provides the opportunity for nuclear trained naval officers (who have successfully completed Naval Nuclear Power School, officers course) to obtain a Master of Science in Engineering Science with a major in Mechanical Engineering MSES (ME), while on sea or shore duty. This is a non-thesis program, but a capstone research or design project is required. This Distance Learning program is offered primarily via asynchronous course packages, in which pre-recorded lectures are provided to students on DVD's and the student communicates directly with the professor. Synchronous course options are offered via VTC when available.
Point of Contact msemedl@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

CERTIFICATE PROGRAMS:

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: RCRISTI@NPS.EDU

Anti- Submarine Warfare (ASW) (Curriculum 274, starts Spring): 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: RCRISTI@NPS.EDU

Human Systems Integration (Curriculum 262) Human Systems Integration (HSI): This program 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 or CED3STUDCOORD@NPS.EDU

Space Systems Certificate Program (Curriculum 273) (Starts in Fall/Spring): 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 or CED3STUDCOORD@NPS.EDU

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To apply please visit:

<http://www.nps.edu>

Refer to:

NAVADMIN 250/16 OF 041322ZOCT17



NEWSLETTER

NAVAL POSTGRADUATE SCHOOL – FLEET CONCENTRATION AREAS
OCTOBER 2019



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.

[SEA Video](#)

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

Point of Contact: seainfo@nps.edu

DISCOVER NPS DAY

USSOCOM DEPUTY COMMANDER PRESIDES OVER SUMMER QUARTER GRADUATION

BY MC2 Patrick Dionne

U.S. Navy Vice Admiral Tim Szymanski, Deputy Commander, U.S. Special Operations Command (USSOCOM), presided over the Naval Postgraduate School (NPS) 2019 Summer Quarter Graduation ceremony.

University president retired Vice Adm. Ann Rondeau bestowed the 290 advanced degrees upon the graduates, and provided insights on how important the graduates are to the nation's future.

"This event is a celebration of individual commitment, perseverance and accomplishment," said Rondeau. "We have immersed you in an extremely competitive academic environment that has enabled you to focus on the challenges that affect your service, our defense capabilities and our national security."

Rondeau went on to thank the faculty, staff and loved ones that contributed to the students' successes, while also recognizing the NPS Foundation for providing the university with an important "margin of excellence." Following her remarks, Rondeau turned the podium over to Szymanski. "I'm honored to be here this morning to share in your tremendous accomplishment," Szymanski said. "The Naval Postgraduate School is where the DOD has invested in its competitive advantage, it has invested in you," Szymanski continued. "You are thought leaders, and your organizations will directly and indirectly lean on you for that leadership."

Commissioned in 1985 as a Surface Warfare Officer, Szymanski transitioned into the SEALs in 1989. His 30 years with the Navy SEALs saw a wide scope of leadership experience leading to his tenure as the Commander, Naval Special Warfare Command in 2016-2018 and his current position at USSOCOM.

Szymanski highlighted the National Defense Strategy's three lines of effort: lethality, partners and alliances, and reform, noting that they "describe the changing nature of warfare," where the insights and value of an NPS education are perfectly suited. Szymanski then went on to highlight the importance of accelerated learning of 21st century skill sets, including space, cyber information, influence decision science, data analytics, algorithmic warfare, noting the Navy's approach of velocity learning and ready relevant learning.

"Unleash your superpowers," he stressed. "Make a difference in your organization, in your team and in your relationships. And more importantly, inspire others to make a difference."