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### Call for Applicants!

## Systems Engineering Non-Resident Master's Degree, Digital Engineering Focus Commencing Tuesday 5 January 2021

*Program Delivered via Distance Learning*

**Sponsor Code: Open Enrollment (311-2120)**

The Naval Postgraduate School's (NPS) Department of Systems Engineering is pleased to announce the offering of a two year Systems Engineering Non-Resident Master's degree program with a **Digital Engineering** focus commencing Tuesday **5 January 2021**. The program is open to qualified uniformed officers, federal employees and defense contractors.

#### Delivery

The SE Non-Resident Master's degree is a part-time distance learning program. Courses are delivered synchronously using Zoom.Gov or MS Teams web-conferencing tools. Classes will be on **Tuesdays and Thursdays from 1300-1600 Pacific Time**. To participate, students need Internet access and a PC microphone. A PC camera is optional. No special software is required for either tool.

#### Degree

Students who successfully complete the program earn a Master of Science in Systems Engineering (if hold an ABET undergraduate engineering degree, or can establish equivalency) or a Master of Science in Engineering Systems (all others). Students also earn a Certificate in Systems Engineering, Certificate in Digital Engineering. DAU equivalencies ACQ160, ENG101, ENG201, ENG202, ENG302, LOG100, LOG103, PM355, PM360 and 10 CLPs per credit hour.

#### Tuition

The tuition price is \$2,500 per course. NPS is mission funded for qualified active duty Navy and Marine Corps officers (tuition free). Students or commands are expected to purchase books. To include books, add \$200 fixed price per course.

**Note:** SE offers tiered pricing options to sponsors who commit to fund a cohort of 25 students or who fund 50 or more students in any combination of our DL programs. For details, refer to AY21 SE-DL pricing guide or contact Dr. Wally Owen.

#### To apply

Applicants should visit the [SE Non-Res website](#) and under the Quick Links, select [Apply Now](#). The SE Non-Resident program is Curriculum 311. Candidates are applying for Academic Year 2021, Quarter 2 and should type the sponsor code of 311-2120 in the Comments section of the application. A Participation Agreement signed by a Command/Company Authorizing official is also required. The application deadline is **1 October 2020**.

Course Lineup*			
Qtr	Year/Qtr	Course Title	
1	AY21/winter	Fundamentals of Systems Engineering	Probability and Statistics for SE
2	AY21/spring	Fundamentals of Engineering Project Management	Capability Engineering
3	AY21/summer	System Suitability	Engineering Economics and Cost Estimation
4	AY22/fall	Management of Advanced Systems Engineering	Systems Architecting and Design
5	AY22/winter	Model-Based Systems Engineering	System Integration and Development
6	AY22/spring	Formal Methods in Systems Architecture	Engineering Systems Conceptualization
7	AY22/summer	Modeling & Simulation in Acquisition	Engineering Systems Design
8	AY23/fall	Digital Engineering	Eng Systems Implementation and Operation

\*Class days and the track are subject to change

SE Certificate Course	SE Core Course	SE Domain Focus	SE Capstone Project
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For more information, visit the [program website](#) or contact the 311 Program Manager, Dr. Wally Owen [wowen@nps.edu](mailto:wowen@nps.edu), the 311 Academic Associate, Dr. Raymond Madachy [rjmadach@nps.edu](mailto:rjmadach@nps.edu), or the Graduate Center for Advanced Education Student Coordinator [GEACStudCoord@nps.edu](mailto:GEACStudCoord@nps.edu).