



# NAVAL POSTGRADUATE SCHOOL

## SYSTEMS ENGINEERING

EST. 2002

Apply [ONLINE](#) and ensure that all official transcripts are received by: **8 January 2021** For more details, please visit our [website](#).

Call for Applicants!

### Systems Engineering Non-Resident Master's Degree, Mission Engineering Focus Commencing Wednesday, 31 March 2021

Program Delivered via Distance Learning

Sponsor Code: Open Enrollment (311-2130)

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 **Mission Engineering** focus commencing **Wednesday 31 March 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 **Wednesdays and Thursdays from 1130-1430 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 Mission 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 3 and should type the sponsor code of 311-2130 in the Comments section of the application. A Participation Agreement signed by a Command/Company Authorizing official is also required. The application deadline is **8 January 2021**.

#### Course Lineup\*

Qtr	Year/Qtr	Course Title	
1	AY21/Spring	Fundamentals of Systems Engineering	Probability and Statistics for SE
2	AY21/Summer	Fundamentals of Engineering Project Management	Capability Engineering
3	AY22/Fall	System Suitability	Engineering Economics and Cost Estimation
4	AY22/Winter	Management of Advanced Systems Engineering	Systems Architecting and Design
5	AY22/Spring	SoS Program Definition and Concept Development	System Integration and Development
6	AY22/Summer	SoS Design and Development	Engineering Systems Conceptualization
7	AY23/Fall	SoS Integration, Qualification and Lifecycle	Engineering Systems Design
8	AY23/Winter	Leadership in System Integration	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

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).