



Detailed information about relevant, high quality Distributed Learning education opportunities can be found online at: [www.nps.edu/dl](http://www.nps.edu/dl)

- Relevant engineering, technical, analytical and managerial education programs available to the military and DoD
- Fully accredited, graduate-level degree programs delivered in a variety of unique distributed learning methods
- Funding available for those who qualify

### **Executive Master of Business Administration (EMBA)**

[EMBA Website](#) [Printable Brochure](#)

Designed to educate DoD leaders to think analytically, to synthesize information from a wide range of sources, and ultimately to make quality strategic decisions under conditions of uncertainty.

### **Master of Science in Computing Technology (MCT)**

[MCT Website](#) [Printable Brochure](#)

Fully online masters degree program designed to provide the knowledge and skills necessary to specify, evaluate and manage computer system design and development, technical guidance in analysis, design and application of hardware, software and firmware used in numerous aspects of the military.

### **Master of Science in Contract Management (MSCM)**

[MSCM Website](#)

Offers DoD leaders an advanced education in the concepts, methodologies and analytical techniques necessary for successful management of acquisition and contracting within complex organizations.

### **Master of Science in Electronic Systems Engineering (Electronic Warfare) (MSESE-EW)**

[MSESE-EW Website](#) [Printable Brochure](#)

This curriculum provides a solid theoretical foundation focused on electronic warfare including electronic attack, electronic protection and electronic support.

### **Master of Science in Program Management (MSPM)**

[MSPM Website](#)

Provides acquisition professionals the knowledge, skills and abilities to lead and manage effectively through the study of concepts, methodologies and analytical techniques focusing on problem solving and decision-making within the acquisition environment.

### **Master of Science in Systems Engineering (MSSE)**

[MSSE Website](#) [Printable Brochure](#)

Custom designed, this program is geared for DoD organizations involved in a wide range of systems engineering and integration challenges 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.

### **Master of Science in Engineering Science (with major in Mechanical Engineering) (MSES-ME)**

[MSES-ME Website](#)

A strong academic program spanning the engineering disciplines of thermal-fluid sciences, structural mechanics, dynamic systems, guidance and control, materials science and engineering, propulsion, and systems engineering, including total ship systems engineering, spacecraft, and missile design. These disciplines are blended together with a strong emphasis on naval engineering applications required by surface vessels, submarines, and spacecraft. Furthermore, the department provides advanced education in classified topics in Astronautical Engineering.

### **Master of Science in Space Systems Operations (MSSSO)**

[MSSSO Website](#) [Printable Brochure](#)

Presents DoD leaders the scientific, technical, and operational knowledge of military space systems to enable precise and effective management of the technical aspects of a space system life cycle.

### **Master of Systems Analysis (MSA)**

[MSA Website](#) [Printable Brochure](#)

Structured to meet the needs of DoD leaders in systems analysis as a basis for aiding key decisions on force requirements, weapon systems and other defense matters.

### **Systems Engineering Management/Product Development for the 21st Century (SEM-PD21)**

[SEM-PD21 Website](#) [Printable Brochure](#)

Ideally aligned with defense leadership vision for transformation and acquisition excellence, this groundbreaking interdisciplinary leadership program is designed for senior engineering and technical professionals to develop a new kind of leader with a holistic perspective and knowledge of the total life-cycle acquisition system.



Detailed information about relevant, high quality Distributed Learning education opportunities can be found online at: [www.nps.edu/dl](http://www.nps.edu/dl)

- One year accredited web-based programs designed to accommodate mission schedules
- Credits transferable to NPS Distributed Learning Degree Programs
- Funding available for those who qualify

### **Anti-Submarine Warfare Certificate (ASW)**

[ASW Website](#) [Printable Brochure](#)

Provides a science and engineering foundation which covers fundamental concepts in four areas: Physical Oceanography, Signal Processing, Operations Research, and Engineering Acoustics. Credit from courses completed can be applied toward a masters degree in the USW program.

### **Fundamentals in Systems Technology (eFIST)**

[eFIST Website](#)

This programming course will enhance the student's knowledge of and productivity in the Navy's information technology fields. The three fundamental courses will provide an introduction to the field of Information Technology Management and the functions and responsibilities of the information technology manager. A bachelor's degree is not required.

tailored to the needs of each discipline involved in homeland security, especially at the state and local levels.

### **Information Systems and Operations Certificate (ISO)**

[ISO Website](#) [Printable Brochure](#)

Focuses on the integration of information technologies, command and control processes, and IO methods and elements to provide innovative operational concepts for Information Operations in the context of Network Centric Warfare.

### **Information Systems Technology Certificate (IST)**

[IST Website](#) [Printable Brochure](#)

Utilizes knowledge of information systems technology to include computer and telecommunications systems, software engineering, networked and distributed applications, database management systems, and decision support systems in the military services.

### **Space Systems Certificate (SSC)**

[SSC Website](#) [Printable Brochure](#)

Affords the foundation to understanding the integration of space capabilities across combined armed forces, involving networks, sensors, and weapons. The certificate course sequence covers MILSATCOM, remote sensing, GIS, and orbitology, providing knowledge, and insight to exploit the combat advantage provided by current and future space-based resources.

### **Systems Analysis Certificate (SAC)**

[SAC Website](#) [Printable Brochure](#)

Examines systems to better understand them and to then choose between alternatives for system improvement and employment. Students learn and apply modeling, optimization, simulation, and decision-making under risk and uncertainty. Systems Analysis provides key insights for the improved operation of existing complex defense systems.

### **Systems Engineering Certificate (SEC)**

[SEC Website](#) [Printable Brochure](#)

This certificate is structured to increase technical and analytical skills of the student. It provides the engineering discipline by creating and executing an interdisciplinary process to ensure that customer and stakeholders' needs are satisfied in a high quality, trustworthy, cost efficient, and schedule compliant manner throughout a system's entire life cycle.