**Education:** Undergraduate/graduate degree in technical or scientific field (e.g., engineering, physics, chemistry, biology, mathematics, operations research, engineering management, computer science)

**SPRDE Systems Engineering**

**Level I Certification**

- **ACQ 101** (Self-paced, online)
  Fundamentals of Systems Acquisition Management

**Level II Certification**

- **ACQ 201 (Part A)** (Self-paced, online)
  Intermediate Systems Acquisition Management
- **ACQ 201 (Part B)** (3 days classroom)
  Intermediate Systems Acquisition Management

**Level III Certification**

- **SYS 201** (10 days classroom)
  Technical Leadership in Systems Engineering

**SPRDE Program Systems Engineer**

**Level I Certification**

- **ACQ 101** (Self-paced, online)
  Fundamentals of Systems Acquisition Management

**Level II Certification**

- **ACQ 201 (Part A)** (Self-paced, online)
  Intermediate Systems Acquisition Management
- **ACQ 201 (Part B)** (5 days classroom)
  Intermediate Systems Acquisition Management

**Level III Certification**

- **SYS 301** (10 days classroom)
  Technical Leadership in Systems Engineering

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**Career Tracks**

**Systems Engineering for Mission Success!**

**West Region**
San Diego, California
619-524-4814

**Midwest Region**
Kettering, Ohio
937-781-1025

**South Region**
Huntsville, Alabama
256-922-8020

**Mid-Atlantic Region**
California, Maryland
240-895-7344

**Capital and Northeast Region**
Fort Belvoir, Virginia
703-805-2764

**DSMC - Defense Systems Management College**
Fort Belvoir, Virginia
703-805-2436

**Levels of Experience**

- **Level I:** 1 year of technical experience
- **Level II:** 2 years of technical experience
- **Level III:** 4 years of technical experience

**Levels of Education**

- **Level I:** Undergraduate/graduate degree in technical or scientific field
- **Level II:** Undergraduate/graduate degree in technical or scientific field
- **Level III:** Undergraduate/graduate degree in technical or scientific field

**Select from the following career field curricula:**
SPRDE/SE; SPRDE/S&TM; T&E; PQM; LCL; FE; IT; PM; BCEFM; Contracting

**Required - two 100 level electives**

**Required - two 100/200 level electives**

**Required - one 200/300 level electives**

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**Career Field Paths**

- **Acquisition Management**
- **Program Management**
- **Test & Evaluation**
- **Contracting**
- **Supportability**

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**Plan Your Training with Core Plus**

Core Plus represents an enhanced career field certification and development framework that is best illustrated as three concentric circles.

The inner ring, Core Acquisition Certification, represents the broad range of competencies that are common across the Defense Acquisition Workforce.

The middle ring, Core Functional Certification, represents those specialized competencies that relate to an acquisition function (i.e., career field) such as contracting, program management, test and evaluation, or any one of the 12 acquisition career fields.

Finally, the outer ring, Core Plus, represents those acquisition or functional competencies that target tasks directly related to specific types of job assignments in a particular acquisition career field.

For each career field/path, the combination of the inner and middle rings for each level (I, II, and III) will represent the minimum career field certification standards associated with the position requirements.
Fundamentals of Systems Acquisition Management

This course provides a broad overview of the DoD systems acquisition process, covering all phases of acquisition. ACQ 101 introduces the Joint Capabilities Integration and Development System (JCIDS), Planning, Programming, Budgeting and Execution (PPBE) process, DoD 5000 series policy documents; and current issues in systems acquisition management. Designed for individuals who have minimal experience in DoD acquisition management, ACQ 101 has proven very useful to personnel in headquarters, program management, and functional or support offices.

Intermediate Systems Planning, Research, Development and Engineering

This is a technically rigorous and comprehensive online course that provides an introduction to Systems Engineering. It is based around the eight technical management processes and the eight technical processes outlined in the Defense Acquisition Guidebook. This course is also suitable for personnel in technical management and program management positions who want to understand more about systems engineering and the details of its processes.

Intermediate Systems Acquisition, Part A

Intermediate Systems Acquisition, Part A, uses computer-based training to prepare midlevel acquisition professionals to work in integrated product teams by understanding systems acquisition principles and processes. Both ACQ 201A and ACQ 201B are required for DAWA certification.

Intermediate Systems Acquisition, Part B

Intermediate Systems Acquisition, Part B, prepares midlevel acquisition professionals to work effectively in integrated product teams by understanding systems acquisition principles and processes. Both ACQ 201A and ACQ 201B are required for DAWA certification.

Intermediate Systems Planning, Research, Development and Engineering, Part I

This journeyman-level course provides an understanding of how the DoD systems engineering (SE) processes can be applied within the context of the activities illustrated on the DAU Integrated Defense AT&L Life Cycle Management Framework chart. Course content includes the scope and role of SE, the DoD defense systems engineering framework, and the role of technical reviews, and important design considerations.

Intermediate Systems Planning, Research, Development and Engineering, Part II

The intermediate-level course builds on the knowledge and skills learned in SYS 101 and 202. Students will work in integrated product teams and apply systems engineering technical processes and technical management processes to a defense system across the various phases of Defense acquisition.

Technical Reviews

This continuous learning module provides essential practical guidelines for integrating several different technical reviews into the systems engineering process and DoD acquisition life cycle based on best engineering practices. 3 CLPs

Technical Leadership in Systems Engineering

Designed for senior DoD acquisition personnel, SYS 302 focuses on the application of technical leadership skills within a typical DoD systems engineering (SE) environment. SYS 302 participants are expected to have sufficient background knowledge of the DoD SE technical and technical management processes, knowledge of the application of SE to each acquisition phase, and the capability to apply these concepts to complex technical management problems involving critical thinking. As part of the SYS 302 course, students will lead and participate in an engineering team that analyzes and resolves a variety of SE implementation critical issues. Class exercises are supplemented by lessons on current policy, architecture, design considerations, etc.

Designing for Supportability in DoD Systems

This continuous learning module provides a comprehensive overview and introduction to incorporating the principles of systems engineering throughout the system life cycle to design, develop, produce, and sustain operationally reliable, supportable, and effective systems. 3 CLPs

The Systems Engineering Community of Practice is a collaborative resource for systems engineering professionals to share knowledge and effective business practices and to access learning assets.

For more information, visit: https://acc.dau.mil/se