

**CERTIFICATION STANDARDS & CORE PLUS DEVELOPMENT GUIDE
ENGINEERING LEVEL III**

Type of Assignment	Representative Activities
Functional Engineer	<ul style="list-style-type: none"> ● Leads and/or manages, or provides technical oversight of engineering activities in a functional specialty relating to the design, development, fabrication, installation, modification, sustainment, and/or analysis of systems or systems components. ● Ensures appropriate systems engineering technical and technical management processes are properly applied to functional specialty activities that support IPT environments.
General Engineer	<ul style="list-style-type: none"> ● Leads and/or manages, or provides technical oversight of design and development activities for systems or systems components. ● Ensures appropriate systems engineering processes are properly applied during systems development.
Research Engineer or Scientist	<ul style="list-style-type: none"> ● Leads and/or manages science and technology research and engineering activities supporting acquisition programs, projects, or activities. ● Ensures appropriate systems engineering processes are properly applied during science and technology activities.

Core Certification Standards (required for DAWIA certification)

Acquisition Training	None
Functional Training	<ul style="list-style-type: none"> ● ENG 301 Leadership in Engineering Defense Systems (R) ● CLE 012 DoD Open Systems Architecture (OSA) ● CLE 068 Intellectual Property and Data Rights ● CLL 008 Designing for Supportability in DoD Systems
Education	Baccalaureate or graduate degree in a technical or scientific field such as engineering, physics, chemistry, biology, mathematics, operations research, engineering management, or computer science
Experience	<ul style="list-style-type: none"> ● Four years of technical experience in an acquisition position with: <ul style="list-style-type: none"> ● - At least 3 years in a ENG or S&TM position ● - Remainder may come from IT, T&E, PQM, PM, or LCL ● Similar experience gained from other government positions or industry is acceptable as long as it meets the above standard. ● EFFECTIVE 1 OCTOBER 2016, THIS STANDARD CHANGES TO: <ul style="list-style-type: none"> ● Four years of technical experience in ENG or S&TM position. ● Similar experience gained from other government positions or industry is acceptable as long as it meets the above standard.

Core Plus Development Guide (desired training, education, and experience)	Type of Assignment		
	Func Eng	Gen Eng	Res Eng/Sci
Training			
ACQ 370 Acquisition Law (R)	✓	✓	✓

<u>ACQ 450</u> Leading in the Acquisition Environment (R)	✓	✓	✓
<u>ACQ 451</u> Integrated Acquisition for Decision Makers (R)	✓	✓	✓
<u>ACQ 452</u> Forging Stakeholder Relationships (R)	✓	✓	✓
<u>ACQ 453</u> Leader as Coach (R)	✓	✓	✓
<u>BCF 302</u> Advanced Concepts in Cost Analysis (R)	✓	✓	✓
<u>CLC 113</u> Procedures, Guidance, and Information	✓	✓	✓
<u>CLC 131</u> Commercial Item Pricing	✓	✓	✓
<u>CLL 015</u> Product Support Business Case Analysis (BCA)	✓	✓	✓
<u>CLL 022</u> Title 10 Depot Maintenance Statute Overview	✓	✓	
<u>CLL 023</u> Title 10 U.S.C. 2464 Core Statute Implementation	✓	✓	
<u>CLL 024</u> Title 10 Limitations on the Performance of Depot-Level Maintenance (50/50)	✓	✓	
<u>CLL 025</u> Depot Maintenance Interservice Support Agreements (DMISA)	✓	✓	
<u>CLL 203</u> Diminishing Manufacturing Sources and Material Shortages (DMSMS) Essentials	✓	✓	
<u>CLM 005</u> Industry Proposals and Communication	✓	✓	
<u>CLM 016</u> Cost Estimating	✓	✓	
<u>CLM 035</u> Environmental Safety and Occupational Health—Lesson from PMT 352A	✓	✓	✓
<u>CLM 055</u> Program Leadership	✓	✓	✓
<u>CLR 151</u> Analysis of Alternatives	✓	✓	✓
<u>EVM 202</u> Intermediate Earned Value Management (R)	✓	✓	✓
<u>ISA 301</u> Advanced Enterprise Information Systems Acquisition (R)	✓	✓	✓
<u>ISA 320</u> Advanced Program Information Systems Acquisition (R)		✓	
<u>LOG 206</u> Intermediate Systems Sustainment Management	✓	✓	
<u>LOG 350</u> Enterprise Life Cycle Logistics Management (R)	✓	✓	✓
<u>PMT 257</u> Program Management Tools Course, Part II	✓	✓	✓

PMT 352A Program Management Office Course, Part A	✓	✓	
PMT 352B Program Management Office Course, Part B (R)	✓	✓	
PMT 400 Program Manager's Skills Course (R)	✓	✓	✓
PMT 401 Program Manager's Course (R)	✓	✓	✓
PQM 201B Intermediate Production, Quality, and Manufacturing, Part B (R)	✓	✓	
PQM 301 Advanced Production, Quality, and Manufacturing (R)	✓	✓	
STM 304 Leadership in Science and Technology Management (R)			✓
TLR 350 Advanced Technical Leadership (R)	✓	✓	✓
TST 303 Advanced Test and Evaluation (R)	✓	✓	✓
Education			
Graduate degree in a discipline such as engineering, physics, chemistry, biology, mathematics, operations research, engineering management, or computer science			
Experience			
Four (4) years of technical experience (in addition to core certification experience)			

Notes:

- 1** The Core Certification Standards section lists the training and/or education and experience REQUIRED for certification at this level for this career field within 24 months of assignment.
- 2** "(R)" following a course title indicates the course is delivered as resident-based instruction.
- 5** When preparing your IDP, you and your supervisor should consider the training, education, and experience listed in the Core Plus Development Guide at this and the lower level(s) if not already completed.
- 13** Some continuous learning (CL) modules have been created by extracting lessons in their entirety from a training course. If this is the case for the CL module(s) identified in the above Core Certification Standards, the course from which the CL module was extracted is identified in the "Notes" section of the CL course description and the course can be substituted to meet the certification standard.