CERTIFICATION STANDARDS & CORE PLUS DEVELOPMENT GUIDE
ENGINEERING LEVEL II

Type of Assignment	Representative Activities
Functional Engineer	● Organizes, analyzes, conducts, and/or monitors/oversees engineering activities in a functional specialty relating to the design, development, fabrication, installation, modification, sustainment, and/or analysis of systems or systems components. ● Applies systems engineering technical and technical management processes to a functional specialty in IPT environments.
General Engineer	● Organizes, conducts, and/or monitors/oversees engineering design and development activities for systems or systems component. ● Applies systems engineering technical and technical management processes during systems development.
Research Engineer or Scientist	● Organizes, conducts, and/or monitors science and technology research and engineering activities supporting acquisition programs, projects, or activities. ● Applies systems engineering technical and technical management processes to managing or conducting science and technology research and engineering activities.

Core Certification Standards (required for DAWIA certification)	
Acquisition Training	● **ACQ 202** Intermediate Systems Acquisition, Part A ● **ACQ 203** Intermediate Systems Acquisition, Part B **(R)**
Functional Training	● **LOG 103** Reliability, Availability, and Maintainability (RAM) ● **SYS 202** Intermediate Systems Planning, Research, Development, and Engineering, Part I ● **SYS 203** Intermediate Systems Planning, Research, Development, and Engineering, Part II **(R)** ● **CLE 003** Technical Reviews
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	● Two years of technical experience in an acquisition position with: ● - At least 1 year 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.

Core Plus Development Guide (desired training, education, and experience)	Type of Assignment		
Training	**Func Eng**	**Gen Eng**	**Res Eng/Sci**
BCF 103 Fundamentals of Business Financial Management	✔	✔	
BCF 220 Acquisition Business Management Concepts	✔	✔	✔
BCF 225 Acquisition Business Management Application **(R)**	✔	✔	✔
CLB 030 Data Collection and Sources	✔	✔	
CLC 041 Predictive Analysis and Systems Engineering	✔	✔	
CLC 063 Sole Source Proposal Technical Evaluations	✔	✔	✔
CLE 007 Lean Six Sigma for Manufacturing	✔	✔	
CLE 008 Six Sigma: Concepts and Processes	✔	✔	✔

CLE 016 Outcome-Based Performance Measures	✔		
CLE 017 Technical Planning	✔	✔	✔
CLE 026 Trade Studies	✔	✔	✔
CLE 036 Engineering Change Proposals for Engineers	✔	✔	✔
CLE 062 Human Systems Integration	✔	✔	✔
CLE 066 Systems Engineering for Systems of Systems	✔	✔	✔
CLL 012 Supportability Analysis	✔	✔	
CLM 014 IPT Management and Leadership	✔	✔	✔
CLM 031 Improved Statement of Work	✔	✔	✔
CLM 032 Evolutionary Acquisition	✔	✔	
CLV 017 Performance Measurement Baseline	✔		
IRM 202 Intermediate Information Systems Acquisition **(R)**	✔	✔	
LOG 200 Intermediate Acquisition Logistics, Part A	✔	✔	
LOG 201 Intermediate Acquisition Logistics, Part B **(R)**	✔	✔	
LOG 204 Configuration Management	✔	✔	✔
LOG 211 Supportability Analysis **(R)**	✔	✔	
LOG 235 Performance-Based Logistics	✔	✔	
PMT 251 Program Management Tools Course, Part I	✔	✔	✔
PQM 201A Intermediate Production, Quality, and Manufacturing, Part A	✔	✔	
STM 202 Intermediate S&T Management **(R)**			✔
TST 204 Intermediate 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

Two (2) years of technical experience (in addition to core certification experience)

Notes:

1 The Core Certification Standards section lists the training, education, and experience REQUIRED for certification at this level.

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.