

**CERTIFICATION STANDARDS & CORE PLUS DEVELOPMENT GUIDE  
PRODUCTION, QUALITY AND MANUFACTURING LEVEL II**

Type of Assignment	Representative Activities
<b>Engineer</b>	<ul style="list-style-type: none"> <li>● Leads teams in establishing production planning and control processes and optimizing the overall effectiveness of the organization, methods, systems, and procedures.</li> <li>● Leads teams in building producibility into and evaluating effectiveness of designs (tooling, facilities and products).</li> <li>● Leads teams in building quality characteristics into and evaluating effectiveness of quality systems used in the designs of products and services.</li> </ul>
<b>Industrial Specialist</b>	<ul style="list-style-type: none"> <li>● Reviews and evaluates adequacy of plans for the expansion, conversion, integration or utilization of industrial production facilities and conducts surveys of industrial plants to determine capacity and potential for production of specific commodities.</li> <li>● Performs production surveillance/oversight of Defense contractors providing services or supplies (to include Contractor proposal reviews) based on mission and function of each agency and local organization.</li> <li>● Performs Industrial Base studies for capability and capacity.</li> <li>● Participates in Pre and Post award conferences as subject matter experts.</li> </ul>
<b>Quality Assurance Specialist</b>	<ul style="list-style-type: none"> <li>● Reviews and evaluates the adequacy of plans, activities and systems to ensure the proper quality characteristics have been integrated into the products and validates/verifies adherence to specified requirements through test and measurement.</li> <li>● Performs quality assurance surveillance/oversight of Defense contractors providing services or supplies (to include Contractor proposal reviews) based on mission and function of each agency and local organization.</li> <li>● Performs Industrial Base studies for quality management.</li> <li>● Participates in Pre and Post award conferences as subject matter experts.</li> </ul>
<b>Business/Industrial Specialist</b>	Reviews and evaluates adequacy of plans, estimates, schedules, or the use of labor, machines, and materials in manufacturing operations producing equipment, systems, facilities, supplies, or maintenance.

**Core Certification Standards (required for DAWIA certification)**

<b>Acquisition Training</b>	<ul style="list-style-type: none"> <li>● <b>ACQ 201A</b> Intermediate Systems Acquisition, Part A</li> <li>● <b>ACQ 201B</b> Intermediate Systems Acquisition, Part B (R)</li> </ul>
<b>Functional Training</b>	<ul style="list-style-type: none"> <li>● <b>PQM 201A</b> Intermediate Production, Quality, and Manufacturing, Part A</li> <li>● <b>PQM 201B</b> Intermediate Production, Quality, and Manufacturing, Part B (R)</li> </ul>
<b>Education</b>	Formal education not required for certification
<b>Experience</b>	<ul style="list-style-type: none"> <li>● 2 years of acquisition experience in manufacturing, production, or quality assurance</li> <li>● Similar experiences gained from other government or industry positions are acceptable as long as they meet the above standards.</li> </ul>

Core Plus Development Guide (desired training, education, and experience)	Type of Assignment			
	Eng	Ind Spc	QA Spc	Bus & Ind Spc
<b>BCF 103</b> Fundamentals of Business Financial Management	✓	✓	✓	✓
<b>BCF 107</b> Applied Cost Analysis (R)	✓	✓	✓	✓
<b>CLC 040</b> Predictive Analysis and Scheduling	✓	✓	✓	✓
<b>CLC 041</b> Predictive Analysis and Systems Engineering	✓	✓	✓	✓
<b>CLC 042</b> Predictive Analysis and Quality Assurance	✓	✓	✓	

<b>CLE 007</b> Lean Six Sigma for Manufacturing	✓	✓	✓	✓
<b>CLE 008</b> Six Sigma: Concepts and Processes	✓	✓	✓	✓
<b>CLE 015</b> Continuous Process Improvement Familiarization	✓	✓	✓	✓
<b>CLE 017</b> Technical Planning	✓			✓
<b>CLE 028</b> Market Research for Engineering and Technical Personnel	✓	✓		✓
<b>CLE 032</b> Sustainable Manufacturing for DoD – Part 1	✓	✓	✓	✓
<b>CLE 301</b> Reliability and Maintainability	✓	✓	✓	✓
<b>CLM 021</b> Introduction to Reducing Total Ownership Costs (R-TOC)	✓	✓	✓	✓
<b>CLM 025</b> Commercial-Off-The-Shelf (COTS) Acquisition for Program Managers	✓	✓	✓	✓
<b>CLV 017</b> Performance Measurement Baseline	✓	✓	✓	✓
<b>HBS 434</b> Process Improvement	✓	✓	✓	✓
<b>HBS 437</b> Strategic Thinking	✓	✓	✓	✓
<b>LOG 103</b> Reliability, Availability, and Maintainability (RAM)	✓		✓	✓
<b>LOG 200</b> Intermediate Acquisition Logistics, Part A	✓	✓	✓	✓
<b>LOG 204</b> Configuration Management	✓	✓	✓	✓
<b>PMT 251</b> Program Management Tools Course, Part I	✓	✓	✓	✓
<b>PMT 257</b> Program Management Tools Course, Part II	✓	✓	✓	✓
<b>PQM 203</b> Preparation of Commercial Item Description for Engineering and Technical Personnel	✓			
<b>SYS 202</b> Intermediate Systems Planning, Research, Development, and Engineering, Part I	✓			
<b>SYS 203</b> Intermediate Systems Planning, Research, Development, and Engineering, Part II (R)	✓			
<b>TST 204</b> Intermediate Test and Evaluation (R)	✓			

## Education

Baccalaureate degree (desired) in engineering, chemistry, physical science, mathematics, statistics, manufacturing or production management, industrial technology or management, business, quality assurance, or a related field

## Experience

- At least one 30-day rotational assignment at a contractor and/or government industrial facility that includes experience in quality, manufacturing, engineering, and contracting.
- Two (2) years experience in manufacturing, production, or quality assurance (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.