

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

Type of Assignment	Representative Activities
<b>Engineer</b>	<ul style="list-style-type: none"> <li>● Trains, organizes and provides guidance to teams in establishing production planning and control processes and optimizing the overall effectiveness of the organization, methods, systems, and procedures.</li> <li>● Trains, organizes and provides guidance to teams in building producibility into and evaluating effectiveness of designs (tooling, facilities and products).</li> <li>● Trains, organizes and provides guidance to 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>● Trains, organizes and provides guidance to teams reviewing and evaluating adequacy of plans for the expansion, conversion, integration or utilization of industrial production facilities and conducting surveys of industrial plants to determine capacity and potential for production of specific commodities.</li> <li>● Trains, organizes and provides guidance to teams performing 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>● Trains, organizes and provides guidance to teams performing Industrial Base studies for capability and capacity.</li> <li>● Trains, organizes and provides guidance to teams performing Pre and Post award conferences as subject matter experts.</li> </ul>
<b>Quality Assurance Specialist</b>	<ul style="list-style-type: none"> <li>● Trains, organizes and provides guidance to teams reviewing and evaluating the adequacy of plans, activities and systems to ensure the proper quality characteristics have been integrated into the products and validating/verifying adherence to specified requirements through test and measurement.</li> <li>● Trains, organizes and provides guidance to teams performing quality 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>● Trains, organizes and provides guidance to teams performing Industrial Base studies for quality management.</li> <li>● Trains, organizes and provides guidance to teams performing Pre and Post award conferences as subject matter experts.</li> </ul>
<b>Business/Industrial Specialist</b>	Trains, organizes and provides guidance to teams reviewing and evaluating 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>	None required
<b>Functional Training</b>	<b>PQM 301</b> Advanced Production, Quality, and Manufacturing (R)
<b>Education</b>	Formal education not required for certification
<b>Experience</b>	<ul style="list-style-type: none"> <li>● 4 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
<b>Training</b>	<b>Eng   Ind   QA   Bus &amp;</b>

		Spc	Spc	Ind Spc
<u>ACQ 370</u> Acquisition Law (R)	✓	✓	✓	✓
<u>CLE 021</u> Technology Readiness Assessments	✓	✓	✓	✓
<u>CLL 008</u> Designing for Supportability in DoD Systems	✓	✓		✓
<u>CLM 055</u> Program Leadership	✓	✓	✓	✓
<u>ENG 301</u> Leadership in Engineering Defense Systems (R)	✓			
<u>HBS 406</u> Coaching	✓	✓	✓	✓
<u>HBS 409</u> Decision Making	✓	✓	✓	✓
<u>HBS 424</u> Leading and Motivating	✓	✓	✓	✓
<u>HBS 427</u> Meeting Management	✓	✓	✓	✓
<u>HBS 441</u> Team Management	✓	✓	✓	✓
<u>PMT 352A</u> Program Management Office Course, Part A	✓			
<b>Education</b>				
Master's degree (desired) in engineering, chemistry, physical science, mathematics, statistics, manufacturing or production management, industrial technology or management, business, quality assurance, or a related field				
<b>Experience</b>				
At least one 90-day rotational assignment at a contractor and/or government industrial facility that includes experience in quality, manufacturing, engineering, and contracting				

**Notes:**

**1** The Core Certification/Training Standards section lists the training and/or, education, and experience REQUIRED for certification at this level or training for this career path.

**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.