



# DEFENSE ACQUISITION UNIVERSITY

## RQM 110 - Core Concepts for Requirements Management

160204

**Course Learning/Performance Objectives followed by its enabling learning objectives on separate lines if specified.**

<b>1</b>	<p><b>Define key terms, authorities, how requirements are identified, and the roles, responsibilities and challenges facing Requirements Managers.</b></p> <p>Define the key terms associated with determining capability requirements.</p> <p>Identify the major statutory (public laws) and regulatory documents that govern the capability requirements process, and requirements management certification training.</p> <p>Define key terms, authorities, how requirements are identified, and the roles, responsibilities and challenges facing Requirements Managers.</p> <p>Identify various approaches to identifying capability requirements and the appropriate actions for resolving or mitigating the capability gaps.</p> <p>Recognize the roles and responsibilities of the RM and the challenges the RM must face in assigned roles.</p>
<b>2</b>	<p><b>Identify the key provisions of major documents that guide the acquisition of Defense System (DAS), the impact of the Acquisition Strategy (AS) and Acquisition Program Baseline (APB) on the JCIDS and acquisition processes, and the unique characteristics of Information Technology (IT) and high-cost first article systems.</b></p> <p>Define Defense Acquisition Systems (DAS) and identify the major documents that guide these acquisitions.</p> <p>Identify and define the Acquisition Categories (ACAT).</p> <p>Identify the major topics of the Acquisition Strategy (AS), who develops it, and why it is important to the RM.</p> <p>Examine the relationship of the Acquisition Program Baseline (APB) to the capability documents required by the Joint Capabilities Integration and Development System.</p> <p>Recognize the unique characteristics of Information Technology (IT) and high-cost first article systems.</p>
<b>3</b>	<p><b>Recognize the interrelationships of the JCIDS process and the Defense Acquisition System and identify the major activities required to develop and field a system for national defense.</b></p> <p>Identify the key acquisition program documents that Requirements Managers (RMs) develop or provide major input to.</p> <p>Identify the decision points, phases and major activities that take place during the acquisition process, and the role of the JCIDS documents.</p> <p>Identify when cost, schedule, and performance trade-offs are made, and how these trade-offs impact JCIDS capability documents and the acquisition program.</p>
<b>4</b>	<p><b>Recognize how the Systems Engineering process translates operational requirements into an integrated design solution.</b></p> <p>Define SE and who does it.</p> <p>Recognize the major SE technical reviews that take place during the phases of the DAS and their relationship to the operational requirements.</p> <p>Recognize how the SE process takes requirements from the JCIDS and translates them into technical requirements.</p>
<b>5</b>	<p><b>Describe the relationship between the T&amp;E activities that support the Defense Acquisition System (DAS) and the Joint Capabilities Integration and Development System (JCIDS).</b></p> <p>Recognize the types and purpose of T&amp;E activities that support the acquisition process.</p> <p>Recognize how JCIDS documents guide the test and evaluation process.</p> <p>Identify the test and evaluation activities that take place during each phase of the acquisition process.</p> <p>Identify the organizations that do planning for test and evaluation, the major test plans and the relationship of those plans to JCIDS documents.</p> <p>Identify how information from T&amp;E results is fed back into the Joint Capabilities Integration and Development System (JCIDS).</p>
<b>6</b>	<p><b>Recognize the concepts, activities, and key players in the cost estimating process.</b></p> <p>Define Life Cycle Cost (LCC) terms.</p> <p>Identify Life Cycle Cost (LCC) groups and categories, and the composition of acquisition program costs.</p> <p>Recognize the four most common methods used in Cost Estimating and when they might be use.</p> <p>Identify cost documents produced by the program office, service headquarters, and the Office of the Secretary of Defense (OSD) for each milestone or decision in the acquisition process.</p> <p>Recognize the roles and responsibilities of participants in the Cost Review Process at the service level and in the Office of the Secretary of Defense (OSD) for major acquisition programs in four acquisition categories (ACAT).</p>
<b>7</b>	<p><b>Describe the Resource Allocation Process</b></p> <p>Identify the four elements of the resource allocation process used by DOD.</p> <p>Recognize the three basic building blocks of PPBE.</p> <p>Identify the key military service players in PPBE.</p> <p>Identify the activities associated with funding the requirement.</p> <p>Identify the phases, activities, and products of PPBE.</p> <p>Identify the major activities of the Congressional Budget Process.</p> <p>Recognize options for handling out-of-cycle and unfunded requirements.</p>
<b>8</b>	<p><b>Identify the impact of Life Cycle Logistics (LCL) activities on the acquisition and sustainment of systems.</b></p> <p>Define Total Life Cycle Systems Management (TLCSM), the major elements of Life Cycle Logistics (LCL), and the impact of decisions on sustainment costs.</p> <p>Identify the major LCL activities that take place during the acquisition life cycle.</p>



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<b>9</b>	<b>Recognize the impact of DOD Science and Technology (S&amp;T) activities on capability requirements identification and fulfillment including the successful transition from S&amp;T efforts to acquisition program.</b>
	Recognize the importance of S&T along with the organizations responsible for S&T activities and the planning and approval process for S&T projects.
	Recognize the types of S&T activities that may transition to the Defense Acquisition System (DAS).
	Recognize the transition process from S&T to the Defense Acquisition System (DAS) and the related impacts on the Joint Capabilities Integration and Development System (JCIDS).
<b>10</b>	<b>Recognize the importance of analysis and assessment to the requirements and acquisition processes.</b>
	Recognize how analysis and assessment helps deliver solutions to the warfighter.
	Recognize the Capabilities-Based Assessment (CBA) as an analytic approach for identifying capability requirements and associated capability gaps, and the Analysis of Alternatives (AoA) as a basis for selecting a materiel solution.
	Recognize the offices and agencies that oversee the analytic efforts that support the JCIDS and the DAS.
<b>11</b>	<b>Identify the process for staffing and validating a requirements document within DOD.</b>
	Define staffing, validation, and which documents undergo staffing and validation.
	Describe the JCIDS Gatekeeper process and Joint Staffing Designators (JSDs).
	Recognize the deliberate staffing process sequence of events.
<b>12</b>	<b>Recognize the Joint Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities and Policy (DOTmLPF-P) Change Recommendation (DCR) process and the RM's role in developing and implementing non-materiel solutions.</b>
	Define the acronym DOTmLPF-P and explain the purpose of DOTmLPF-P content in capability requirement documents.
	Recognize the format and content of a joint DCR.
	Identify the staffing, validation and implementation process for joint DCRs.
<b>13</b>	<b>Recognize urgent situations, urgent operational needs documents, and related procedures.</b>
	Recognize situations that call for meeting an urgent operational need.
	Identify the urgent operational needs process for each military service, U.S. Special Operations Command (USSOCOM), and for Joint urgent operational needs.
	Identify the expedited staffing and validation process for JUONs and JEONs.
<b>14</b>	<b>Explain how to prepare an Initial Capabilities Document (ICD) that begins a successful acquisition program.</b>
	Recognize the purpose of the ICD.
	Identify the JCIDS guidance for use of an ICD.
	Identify the content of an ICD.
<b>15</b>	<b>Explain how a Capability Development Document (CDD) and the Capability Production Document (CPD) guide the development and production phases of the acquisition process.</b>
	Recognize the purpose of the CDD and CPD.
	Identify major acquisition documents and activities associated with the CDD and CPD.
	Identify the format and content of the CDD and CPD.
<b>16</b>	<b>Recognize how to develop and manage performance attributes.</b>
	Recognize where performance attributes come from and their characteristics
	List the steps for developing performance attributes.
	Identify the JCIDS mandatory KPPs and KSAs.