



DEFENSE ACQUISITION UNIVERSITY

RQM 310 Advanced Concepts and Skills for Requirements Management

150201

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

1	<p>Summarize the relationship between JCIDS documents and the phases and milestones of the Defense Acquisition System (DAS) along with the strategic documents that guide the process</p> <p>Identify JCIDS documentation as related to seven of the decisions and five of the phases in in the Defense Acquisition System (DAS)</p> <p>Describe three current strategic guidance documents</p>
2	<p>Summarize analytical approaches that identify capability requirements and gaps and their recommend non-materiel and materiel approaches along with recommend JCIDS actions</p> <p>Differentiate capability requirements analysis approaches</p> <p>Summarize the essential characteristics & qualities of CBAs</p> <p>Summarize the major tasks of an effective CBA effort</p> <p>Explain CBAs & their relation to the DOTmLPF-P Change Recommendation (DCR) & Initial Capabilities Document (ICD)</p>
3	<p>Examine JCIDS documents to determine compliance with applicable guidance</p> <p>Explain the ICD's role in communicating analysis findings</p> <p>Compare and contrast existing ICDs to current guidance</p>
4	<p>Evaluate an ICD against applicable guidance</p> <p>Critique an ICD using guidance from the JCIDS Manual</p>
5	<p>Explain how the AoA supports DoD's three Decision Support Systems</p> <p>Explain Statute and policy</p> <p>Recognize Perspective on what an ideal AoA provides</p> <p>Recognize Best Practices</p> <p>Describe an AoA Study Team</p>
6	<p>Determine the key Requirements Manager activities leading up to the MDD and activities that follow from the MDD through Milestone A</p> <p>Explain the inputs to and outputs from a Materiel Development Decision (MDD) to include what is approved in an MDD</p> <p>Recognize differences in an Information System (IS) ICD</p> <p>Summarize the purpose and major activities that take place during the Materiel Solutions Analysis (MSA) phase and the links between those activities</p> <p>Explain the Milestone A decisions and approvals</p>
7	<p>Explain the framework for capability affordability to include PPBE and its sub-processes</p> <p>Summarize the major activities of the PPBE process</p> <p>Distinguish between the 4 PPBE phases</p> <p>Explain FYDP, MFP, Program Elements</p> <p>Identify how strategic guidance affects the PPBE process</p> <p>Analyze related elements that impacts program resourcing</p> <p>Explain the Resource Allocation Process</p>
8	<p>Determine the major requirements management activities during the acquisition process from Milestone A to Milestone B</p> <p>Explain the purpose and major activities of the Technology Development phase and the links between those activities</p> <p>Describe the decisions the Milestone Decision Authority (MDA) makes and the items the MDA approves at Milestone B</p>
9	<p>Demonstrate the proper format of performance attributes and KPPs</p> <p>Identify the characteristics of a well written KPP</p> <p>Identify mandatory KPPs</p> <p>Distinguish KPPs for clarity, achievability and resourcing</p> <p>Illustrate examples of requirements creep</p> <p>Explain the relationships of the KPPs and KSAs to Measures Effectiveness (MOEs), Measures of Performance (MOPs), and Measures of Suitability (MOSS)</p>
10	<p>Explain the elements of a CDD</p> <p>Explore the linkages between ICD, CDD and CPD</p> <p>Given (Provided) CDD data, critique (interpret) KPPs for clarity</p>



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11	Describe Urgent and Emergent Operational Need situations, procedures, and lessons learned
	Recognize situations that call for a Rapid Response
	Describe the 3 requirements development lanes of Urgent, Emergent, and Deliberate
	Describe the method/format Sponsors use to submit urgent needs
	Describe actions to transition a Rapid Response into a Normal Acquisition Program
12	Describe the DOTmLPF-P Process
	Recognize situations that could include Non-Materiel Solutions
	Describe the DCR process in JCIDS
13	Discuss the environment and outside influences that impact the requirements manager
	Recognize potential problems that could impact a program
	Identify pitfalls a requirements manager should avoid
	Recognize remedies to reduce the impact of outside influences
14	Assess (Identify) the major requirements management activities during the acquisition process from Milestone B to Initial Operational Capability
	Explain the purpose and major activities of the Engineering and Manufacturing Development phase and the Production and Deployment phase
	Describe the decisions and approvals that take place at the Post-CDR Assessment, Milestone C, and the Full-Rate Production Decision Review
15	Through "role playing", student will analyze and debate how to successfully navigate the JCIDS process through proper communication channels
16	Given previously approved ICDs and an instructor panel, the student will critique for completeness, analysis, resource timing and quality
17	Develop recommendations, based on group synthesis of JCIDS documents, how Requirements Managers can effectively interface with the Defense Acquisition Management System to bring about desired results
18	Given previously approved ICDs and guest speakers, the student will critique for completeness, analysis, resource timing and quality