



DEFENSE ACQUISITION UNIVERSITY EMPLOYEE SELF-ASSESSMENT

FE 302 - Advanced Facilities Engineering

Note:

- Provide a justification(s) package referencing the numbered outcomes as appropriate on separate paper.
- Only the numbered outcomes (bold font) need to be addressed.
- The enablers (indented if specified) are provided to ensure the outcome is sufficiently addressed.
- The **Achieved** column is for use by the initial (functional) evaluator.
- Attach this guide with the justification to the DD form 2518 for a complete package.

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Outcomes and Enablers		Achieved?	
		Yes	No
1	Using a lecture and case scenario, given a mission statement and alternatives, prepare requirements documents for congressional approval, in accordance with DoD policies and procedures		
	Given MILCON and a Civil Work projects determine the statement of need		
	Given a DD Form 1391, requirements document, identify its basic building blocks		
	Given a DD Form 1391, review and evaluate it for accuracy and completeness.		
2	Given a partial requirement, determine the cost risk associated with fulfilling the requirement for a project.		
	Discriminate between salient factors that will affect the range of final costs		
	Using cost risk tools, identify costs based on 50%, 80% and 99% confidence levels		
	Recommend final budget requests based on the results of the analysis		
3	Given a scenario, apply risk management actions and processes for a facilities engineering project		
	Evaluate risk management tools and approaches for a project		
	Select the risk management tools and approaches best suited to the assigned project		
	Apply the risk management tools and approaches selected to the assigned project		
	Produce a proposed risk mitigation plan for the assigned project before project initiation		
4	Given a scenario, create a detailed integrated master schedule		
	Build a construction schedule using the Critical Path Method (CPM).		
	Analyze a baseline construction schedule for reasonableness.		
	Determine how changed conditions can affect the overall construction schedule		
5	Given a construction scenario, analyze project issues and formulate alternative resolutions		
	Identify issues in assigned projects		
	Analyze issues in terms of impact to project cost, schedule and performance		
	Utilize any preexisting risk mitigation plans to complete analysis		
	Recommend the risk mitigation strategy to keep the project completion on track		
	Estimate the time impact on adjustment to the risk management plan		
6	Given project management plan documentation, assess the adequacy of selected portions of a project management plan in support of construction projects		
	Determine the necessary constituency of selected elements of the project plan, quality assurance plan and safety management plan) appropriate to the nature of the project		
	Given a proposed change management plan, be able to create a change management method to account for changes to the project		
	Discuss the current trends in construction management		