



DEFENSE ACQUISITION UNIVERSITY EMPLOYEE SELF-ASSESSMENT

STM 203 - Intermediate Science & Technology Management

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	Upon completion of this lesson, the student will be able to evaluate, plan and implement the technical and business elements for the initiation of a technology project.		
	Evaluate technology candidates to determine a preferred technology candidate using a structured method.		
	Develop an integrated schedule needed for technology demonstration within given constraints.		
	Evaluate the financial resources needed for technology demonstration within budgetary constraints.		
	Assess the planned technology demonstration to identify risks and uncertainty.		
	Evaluate issues for technology transition, including direct to the war fighter and transition to industry.		
2	Upon completion of this lesson, the student will be able to evaluate progress, identify and plan for changing requirements and execute the technical and business elements of an advanced development technology project.		
	Develop technology plans in response to urgent warfighter needs.		
	Assess progress against TRL requirements and exit criteria.		
	Revise technology maturation plans based on emerging opportunities.		
	Develop a contracting strategy to implement changes.		
	Develop exit criteria and test procedures for the flight demonstration.		
	Identify external coordination required for the flight demonstration.		
	Develop the S&T Activity section of a Technology Transition Agreement (TTA).		
	Identify spectrum certification requirements.		
	Assess data rights of the government and contractor.		
3	Upon completion of this lesson, the student will be able to evaluate progress, identify and plan for changing requirements and execute the technical and business elements to successfully complete transition of an advanced development technology project to an acquisition Program of Record.		
	Assess technology transition readiness against exit criteria.		
	Determine the TRL and MRL of technologies		
	Transition mature technologies in accordance with technology transition plans and agreements		
	Respond to challenges that inhibit technology		
	Identify risks to technology transition		
	Adjust technology plans to respond to budget changes		
	Assess whether software development is using best practices.		
	Evaluate data sharing issues.		
	Apply technology security considerations.		
	Evaluate patent rights of the contractor.		
4	Students will be able to analyze key issues related to transitioning technology to acquisition programs, evaluate alternative methods to address these issues and recommend steps that will lead to success.		
	Identify and analyze transition issues.		
	Identify potential tools to help the transition process.		
	Develop effective transition strategies		
5	Given a technology program scenario, students will be able to develop requirements and metrics for managing the team, affordability, technology performance, cost and schedules.		
	Recognize the principles of transition and affordability in an S&T project.		
	Recognize the value and application of management tools for S&T project management.		



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	Relate dissimilar metrics of cost, schedule and performance for an integrated S&T project strategy.		
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