



Objectives Sheet

STM 0010 - Prototyping and Experimentation

Course Learning/Performance Objectives followed by enabling learning objectives

STM 0010.U01.01	Describe how to plan and execute a Department of Defense prototyping project and experiment.
STM 0010.U01.01.01	Describe prototyping and experimentation and how they fit in the Department of Defense acquisition process.
STM 0010.U01.01.02	Describe Middle Tier of Acquisition and the current emphasis to use prototyping and experimentation to expedite delivery of capability to the Joint warfighter.
STM 0010.U01.01.03	Recognize the purpose and benefits of prototyping.
STM 0010.U01.01.04	Describe the fundamentals of prototyping
STM 0010.U01.01.05	Recognize the nature of risk in prototyping.
STM 0010.U01.01.06	Describe the challenges to prototyping and ways to address them.
STM 0010.U01.01.07	Describe the elements and steps associated with developing successful prototypes.
STM 0010.U01.01.08	Recognize sources for identifying military capability gaps and soliciting proposed prototyping projects.
STM 0010.U01.01.09	Describe how to select prototyping solutions and evaluate prototypes.
STM 0010.U01.01.10	Identify the transition pathways for prototypes.
STM 0010.U01.01.11	Recognize the purpose and benefits of experimentation.
STM 0010.U01.01.12	Describe the fundamentals of experimentation
STM 0010.U01.01.13	Describe methods used in experimentation.
STM 0010.U01.01.14	Recognize the nature of risk in experimentation.
STM 0010.U01.01.15	Describe the elements and steps associated with developing successful experiments.
STM 0010.U01.01.16	Describe the activities associated with formulating an experiment.
STM 0010.U01.01.17	Describe the activities associated with planning an experiment.
STM 0010.U01.01.18	Describe the potential results of experimentation.