

#043 System Safety Seminar

This course is intended primarily for non-technical managers and/or those who have no knowledge of system safety philosophy and practices. It will provide a short (approximately 3 hour) top-level overview of system safety, hazard analysis, and safety risk management principles. This overview will include a discussion of both system safety management and engineering aspects. Engineering aspects will include an overview of three typically used analytical techniques - Failure Modes and Effects Analysis (FMEA), Fault Tree Analysis (FTA), and Probabilistic Risk Assessment (PRA). These techniques will be briefly described including their goals and uses. More extensive and detailed system safety training of varying lengths and complexity is available through the NASA Safety Training Center.

Target Audience: ? Non-technical NASA upper and mid-level managers
 • Other audiences who need a quick overview of System Safety

DATE:
May 5, 2005

2 classes

8:00 – 11 & 1:00 – 4:00

LOCATION:

Marshall Space Flight Center

About the instructor:

Mr. Larry Gregg, ASP, employed with Muniz Engineering, Inc., holds a B.S. in Chemical Engineering from Oklahoma State University and an MBA from Golden Gate University. He served 20 years with the US Air Force, obtaining extensive experience in instruction including over 7 years as a missile launch instruction in the Strategic Air Command. In the 3 ½ years prior to his retirement, he held the position of system safety branch chief for the defense, surveillance, and experimental programs at the Air Force Space Systems Division in Los Angeles, CA where he developed and taught a week-long course in acquisition system safety.

To register, please contact:

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