Fundamentals of Project Management for Aerospace Professionals
Instructor: Herbert Tuttle

Description
This course is designed to give aerospace professionals familiarity with current project management techniques. It includes identifying the functions of a project team and management team; the integration of project management; work breakdown structures, interfaces, communications and transfers; estimating, planning, risk and challenges of the project manager; alternative organizational structures and control and planning of time, money and technical resources. Course attendees are asked to bring a current project management problem from your team or organization. During class you will work on developing a reasonable solution and a project plan to accomplish it.

Highlights
- Understanding the five phases of project management
- Project definition and distinguishing characteristics and how they are related
- Strategic issues to include how this project is significant for the organization
- Internal project planning or how to wear many hats simultaneously
- Work breakdown structure taken to the appropriate level and not just the lowest level
- Time estimating, as well as “guesstimating” and scheduling techniques
- Network diagrams and how to determine the most efficient and expedient options
- Cost estimating for the top down and bottom up perspective
- Contingency and risk for every phase of the project
- Project team selection, training, mentoring, team building and dealing with special people
- Project cost reporting during the course of each phase and calculating the end cost

Who should attend?
Designed for engineers and other technical professionals at all levels, and new project managers responsible for small as well as large and long duration projects. This course is best suited to people who are new to project management and current project managers who want to hone their management skills.

“This course is definitely one of the best. The instructor is very skilled and has an excellent didactic to introduce each topic. I recommend this course to all aerospace professionals who work with PM.”

—Fabio Messias, Project Manager, Embraer S. A.