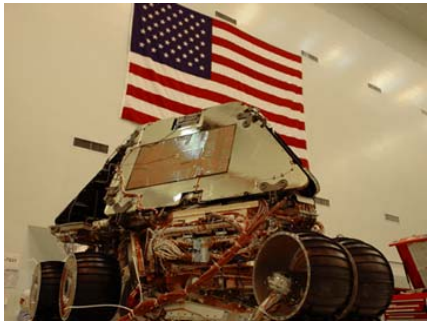

For more information or to register, contact:

Technical Administrative Services
P.O. Box 620433
Littleton, CO 80162 USA
Phone: 303-972-4849
Fax: 303-972-4993
Email: tasalb@attglobal.net

Supported by:

NASA Planetary Protection Office

NASA Astrobiology Institute

PLANETARY PROTECTION: POLICIES AND PRACTICES

A Course in Planetary Protection

PLANETARY PROTECTION: POLICIES AND PRACTICES

Overview

This NASA-developed course is designed to familiarize current and future planetary protection practitioners with the NASA and COSPAR Planetary Protection Programs. The course will review all applicable policies, practices and procedures necessary to implement a successful planetary protection program and will emphasize integration of the managerial, administrative and laboratory components of planetary protection.

Who Should Take This Course?

This course is designed for managers, engineers, designers and lab technicians interested in learning about the theory and application of the principles of planetary protection.

Why Take This Course?

This course provides a comprehensive understanding of planetary protection policies and procedures and demonstrates how personnel with diverse skills and responsibilities are coordinated to implement a successful planetary protection program.

This course provides participants with a complete overview of all facets of planetary protection; from governing policies and reporting requirements to hands-on laboratory training in microbial sampling and data management. The course is taught by recognized experts in the field with years of practical experience in all aspects of planetary protection.

COURSE OUTLINE

Day 1

- *Introduction and Overview of PP*
- *Treaties, Regulations, Government Policies*
- *Biology of Microflora: Introduction to Extremophiles*
- *Laboratory Techniques and Practices: Part I*

Day 2

- *Planning for Compliance*
- *Guidelines for Hardware Design*
- *Lessons Learned - The Engineer's Perspective*
- *Laboratory Techniques and Practices: Part II*
- *Compliance, Statistics, Data Analysis and Reporting*

Day 3

- *Review of Upcoming Missions*
- *Special Topics (TBD)*
- *Review of Laboratory Results*

LOCATIONS

This course will be offered at various U.S. locations twice a year and once a year in Europe. Cost includes all course materials, lunches and a reception for participants on the first night.

Course Location for Fall, 2004

Pikes Peak Community College
5675 S. Academy Boulevard
Colorado Springs, CO 80906

Dates: October 27-29, 2004
Cost: $550 per person

Additional Class Planned for Spring, 2005