

## **Course Outline:**

### **1. Risk Management Foundations**

- Definition of a plan
- Definition of risk and risk management
- Risk management and project success
- Project management life cycle

### **2. Strategic Risk Reduction**

- Project success factors
- Stakeholder analysis
- Balancing constraints within a plan
- Assessing project riskiness
- Importance of formal planning

### **3. Execution Risk Reduction**

- Risk management plan
- Risk identification techniques
- Qualitative risk analysis
- Quantitative risk analysis
- Risk response planning

### **4. Monitoring and Controlling Risk**

- Protecting the plan
- Change controls
- Responding to risks

### **5. Value of Lessons Learned**

- Capturing and employing lessons learned

- Current methods of managing uncertainty based on lessons learned

**Hands-On:**

- Determine sources of project risk by category
- Assess overall project risk
- Identify and categorize risk
- Perform qualitative risk analysis
- Perform quantitative risk analysis
- Plan risk responses
- Involve stakeholders