Introduction:

This **Advanced Project Management Seminar** is designed for professionals looking to deepen their project management expertise with advanced strategies and tools. The course covers a variety of techniques to manage projects of varying sizes, complexities, and risks, with a focus on optimizing project scope, stakeholder management, and quality processes throughout the project lifecycle.

Participants will be immersed in a comprehensive approach to project management, exploring the importance of senior management in fostering project success. The course will also cover advanced topics like **Queuing Theory**, **Critical Chain Project Management (CCPM)**, and sophisticated **risk management techniques**.

Targeted Groups:

This seminar is ideal for:

- **Project Managers**
- **Members of Project Management Offices (PMOs)**
- **Project Sponsors**
- **Functional Managers**
- **Senior Management**
- Individuals interested in obtaining a **Foundations of Project Management Certificate** or a **Project Management Master Certificate**

Conference Objectives:

By the end of this advanced seminar, participants will:

1. **Enhance Risk Management**: Master strategies for managing risk across all project phases.
2. **Track Project Progress Accurately**: Use solid metrics to track progress and avoid speculative methods.
3. **Handle Vendor Challenges**: Navigate complex vendor relationships skillfully.
4. **Refine Estimation Techniques**: Improve time and cost estimations for high-stakes projects.
5. **Mitigate Risks**: Apply advanced techniques to reduce cost and schedule risks.
6. **Accurate Reporting**: Report on multifaceted and high-risk projects with greater accuracy.
7. **Strengthen Stakeholder Communication**: Improve engagement with stakeholders across all levels.
8. **Enhance Soft Skills**: Acquire critical soft skills for successful project management, including effective communication, team coordination, and conflict management.

9. **Refine Scheduling Methodologies**: Employ sophisticated scheduling tools to support project control.
10. **Develop Risk Management Plans**: Learn to formulate contingency planning and change control strategies.
11. **Prioritize Responsibilities**: Enhance decision-making for prioritizing goals and responsibilities effectively.

Targeted Competencies:

Participants will leave the seminar with expertise in:

- **Advanced Scheduling**: Master advanced scheduling tools and techniques.
- **Contingency Planning**: Develop expertise in managing uncertainties and preparing for unforeseen challenges.
- **Goal Alignment**: Ensure project deliverables align with organizational goals and strategies.
- **Team Leadership**: Foster teamwork, manage conflicts, and select high-caliber project managers.
- **Supplier Relationship Management**: Build and maintain robust supplier relationships.
- **Resource Optimization**: Develop strategies for optimizing resource allocation in resource-limited settings.

Conference Content Breakdown:

Unit 1: Introduction to Project Management Fundamentals

- **Project Value**: Understanding the role of projects in achieving organizational success.
- **Defining a Project**: Key concepts and principles of project management.
- **Project Lifecycle Models**: Overview of different project delivery systems and lifecycle models.

Unit 2: Project Selection for Advanced Program Management

- **Selection Techniques**: Qualitative and quantitative techniques for selecting the right projects.
- **Economic Evaluation**: Methods for evaluating project feasibility and cost-effectiveness.
- **Project Leadership**: Identifying qualified project leaders and aligning them with organizational objectives.
- **Stakeholder Analysis**: Methods for performing thorough stakeholder analysis to ensure successful engagement.

Unit 3: Advanced Planning in Project Management

- **Task Characteristics**: Techniques for assessing task duration and resource needs.
- **Planning and Scheduling**: Methods for planning and scheduling projects,

including **Critical Path** versus **Critical Chain Scheduling**.
- **Optimizing Resources**: Strategies for optimizing resource allocation and managing project timelines.
- **Time-Cost Trade-offs**: Techniques for analyzing time and cost relationships and making optimal trade-offs.

Unit 4: Proactive Project Risk Management

- **Risk vs. Uncertainty**: Understanding the difference and the importance of each in project management.
- **Risk Identification**: Techniques for identifying, qualifying, and quantifying risks.
- **Risk Management Strategies**: Developing strategies for mitigating risks, including **probability** and **impact analysis**.
- **Subjective Aspects**: Addressing the psychological factors in risk management and making informed decisions.

Unit 5: Executing Advanced Project Management Techniques

- **Lean Construction**: Applying lean principles to construction projects and other industries.
- **Staff Acquisition**: Techniques for successful staff recruitment and onboarding.
- **Team Development**: Best practices for motivating and developing effective project teams.
- **Leadership Styles**: Exploring different management and leadership styles, conflict resolution, and their impact on team dynamics.

Unit 6: Monitoring and Controlling Projects

- **Earned Value Management (EVM)**: Techniques for measuring project performance and progress using EVM.
- **Enacting Risk Management**: Applying the earlier-developed risk strategies during project execution.
- **Effective Project Closure**: Best practices for closing a project, ensuring all deliverables are met, and evaluating project success.

Conclusion:

This **Advanced Project Management Seminar** provides attendees with an in-depth understanding of the latest techniques and best practices in project management. From advanced scheduling tools to sophisticated risk management strategies, this seminar equips professionals with the skills to tackle complex, high-stakes projects with confidence. Participants will leave with practical knowledge they can immediately apply to their own projects, enhancing efficiency, reducing risks, and ensuring better outcomes across the board.