

Here's the **detailed course lesson plan** for "**ABC of Project Management**" structured over **8 weeks** with clear learning objectives and key takeaways for each lecture.

ABC of Project Management – Course Lesson Plan



Duration: 8 Weeks



Objective: To provide a **comprehensive understanding** of project management principles, methodologies, tools, and execution strategies.

Week 1: Project Initiation (Part-I)



Goal: Understand the fundamentals of project management, selection models, and Agile methodologies.

- **Lecture 1:** Introduction to Project Management – I
Key Takeaways: Definition, scope, and importance of project management.
 - **Lecture 2:** Introduction to Project Management – II
Key Takeaways: Project lifecycle, key roles, and responsibilities.
 - **Lecture 3:** Agile Project Management
Key Takeaways: Agile principles, Scrum, and Kanban framework.
 - **Lecture 4:** Project Selection Models
Key Takeaways: Financial and non-financial selection models.
 - **Lecture 5:** Examples of Project Selection Models
Key Takeaways: Case studies of successful project selection.
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Week 2: Project Initiation (Part-I) – Role of a Project Manager




Goal: Develop an understanding of the skills and strategies needed for an effective project manager.

- **Lecture 6:** Role of the Project Manager
Key Takeaways: Responsibilities and authority of a project manager.
- **Lecture 7:** Attributes of an Effective Project Manager
Key Takeaways: Leadership, communication, and problem-solving skills.
- **Lecture 8:** Managing for Stakeholders
Key Takeaways: Stakeholder identification, analysis, and engagement strategies.
- **Lecture 9:** Resolving Conflicts
Key Takeaways: Conflict resolution techniques, negotiation strategies.


- **Lecture 10:** Negotiation in Project Management
Key Takeaways: Effective negotiation tactics for project success.
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Week 3: Transition to Project Planning (Part-II)

 **Goal:** Learn about organizational structures and foundational planning techniques.

- **Lecture 11:** Project in the Organizational Structure
Key Takeaways: Functional, matrix, and projectized structures.
 - **Lecture 12:** Human Factors and the Project Team
Key Takeaways: Team dynamics, motivation, and leadership in projects.
 - **Lecture 13:** Traditional Project Activity Planning
Key Takeaways: Work Breakdown Structure (WBS), task dependencies.
 - **Lecture 14:** Agile Project Planning & Project Charter
Key Takeaways: Adaptive planning, sprint planning, and charters.
 - **Lecture 15:** Coordination through Integration Management
Key Takeaways: How to ensure seamless execution across project elements.
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Week 4: Project Planning – Risk & Budgeting

 **Goal:** Understand risk assessment, budgeting, and feasibility analysis.


- **Lecture 16:** Project Feasibility Analysis
Key Takeaways: Economic, technical, and operational feasibility.
 - **Lecture 17:** Estimating Project Budgets
Key Takeaways: Cost estimation techniques and budget control.
 - **Lecture 18:** Project Risk Management
Key Takeaways: Risk identification, mitigation, and response planning.
 - **Lecture 19:** Quantitative Risk Assessment Methodologies
Key Takeaways: Monte Carlo simulation, decision tree analysis.
 - **Lecture 20:** Critical Path Method (CPM)
Key Takeaways: Project scheduling, critical path analysis.
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Week 5: Project Planning – Scheduling & Resource Allocation

 **Goal:** Learn scheduling methods and how to optimize resources effectively.

- **Lecture 21:** Programme Evaluation and Review Technique (PERT)
Key Takeaways: Probabilistic project scheduling.
 - **Lecture 22:** Risk Analysis with Simulation for Scheduling
Key Takeaways: How to handle uncertainties in scheduling.
 - **Lecture 23:** Gantt Charts & Scheduling with Scrum
Key Takeaways: Visual scheduling tools for Agile and traditional PM.
 - **Lecture 24:** Crashing a Project
Key Takeaways: Speeding up project timelines efficiently.
 - **Lecture 25:** Resource Loading
Key Takeaways: Resource demand balancing in a project.
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Week 6: Transition to Project Execution (Part-III)

 **Goal:** Dive into execution, tracking, and monitoring for project success.

- **Lecture 26:** Resource Leveling
Key Takeaways: Managing resource constraints.
 - **Lecture 27:** Goldratt's Critical Chain
Key Takeaways: Theory of constraints in project scheduling.
 - **Lecture 28:** Planning-Monitoring-Controlling Cycle
Key Takeaways: Continuous project monitoring approach.
 - **Lecture 29:** Earned Value Analysis (EVA)
Key Takeaways: Measuring project performance against cost and schedule.
 - **Lecture 30:** Agile Tools for Tracking Project Progress
Key Takeaways: Jira, Trello, and other Agile tools for real-time tracking.
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Week 7: Project Execution & Control

 **Goal:** Learn about project control mechanisms, audits, and closing strategies.

- **Lecture 31:** Three Types of Project Controlling
Key Takeaways: Steering, diagnostic, and post-project controls.
- **Lecture 32:** Control of Change Scope and Scope Creep
Key Takeaways: Managing scope changes effectively.
- **Lecture 33:** Project Audit
Key Takeaways: Importance and steps of a project audit.




- **Lecture 34:** Essentials of an Audit/Evaluation
Key Takeaways: Best practices for project evaluation.
 - **Lecture 35:** When to Close a Project
Key Takeaways: Identifying project completion criteria.
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Week 8: IT in Project Management & Case Study





 **Goal:** Leverage technology for project management and analyze real-world applications.

- **Lecture 36:** Benefits Realization & Case Study on Chandrayaan-3 Success
Key Takeaways: Measuring project impact; learning from a world-class project.
 - **Lecture 37:** Software for Project Management
Key Takeaways: MS Project, Jira, Asana, Monday.com overview.
 - **Lecture 38:** Demo on Project Management Software
Key Takeaways: Hands-on experience with PM tools.
 - **Lecture 39:** Simulation Software for Project Management
Key Takeaways: Using simulation tools for risk and decision-making.
 - **Lecture 40:** Course Summary & Key Takeaways
Key Takeaways: Recap of the course, final Q&A session.
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Final Deliverables

-  **Certificate of Completion**
 -  **Project Plan Assignment** – Practical application of course learnings
 -  **Industry Case Studies & Templates**
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Who Should Enroll?

-  Working professionals looking to upskill in project management
 -  Fresh graduates aspiring to enter the project management field
 -  Team leads & managers handling project-based work
 -  Entrepreneurs looking to implement project management in their businesses
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 **Enroll Today & Master the ABCs of Project Management!** 