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Project Estimation Course

Email Contact: info@educba.com



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Course Overview

You get to learn Project Estimation, Function Point Analysis, Prince 2, Primavera, PMP.

In this course, we will give you all the info regarding Project estimation and management. Take the course at your own convenience and let the course tell you how useful it is to you.

Project Estimation Skills

We learn the following skills:

Project Estimation: Not only the IT firms but across all domains now understand the value of Project Estimation and management.

A clear Picture about PMP certification: The Project Management Professional certification structures and procedure.

Function Point Analysis: How to divide complex project functional points into

Course Features



Course Duration-
72+ Hours



Number of Courses



Verifiable
Certificates



Lifetime Access



Technical
Excellence

About Project Estimation

Project Estimation is something which controls the major decision makings regarding project feasibility. Mainly the scope of the Project totally depends on it as deals with the Costs, resources, and duration of the project.

When a Project completes successfully within the timeline, a big credit goes to the Project Estimation as in the first place it made easier most the complexities and provided a solution for how to deal with it.

Project Estimation Course

This is a Bundle Course that includes complete in-depth Project Estimation Learning Courses combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a Project Estimation professional.

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Online Software Project Estimation Training

Section 1. Quick Recap, Good Practices To Follow, Common Mistakes To Avoid

- Software Estimation

Section 2. Use Case Point Analysis (Ucp)

- Use Case Point Analysis

Section 3. Work Breakdown Structure (Wbs)

- Work Breakdown Structure

Section 4. Basic Concepts On Software Estimation

- Wideband Delphi Estimation Method
- Tools And Techniques For Project Estimation
- Different Approaches For Software Estimation
- Software Estimation
- People Involved In Software Estimation
- Need For Software Estimation

Section 5. Effort, Schedule And Cost Estimation, Project Tracking

- Software Estimation



Online Software Project Estimation Training

Section 6. Function Point Analysis (Fpa)

- Function Point Analysis

Section 7. Cocomo Model

- Cocomo Model

Section 8. Program Evaluation And Review Technique (Pert)

- Program Evaluation And Review
Technique

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FPA – Function Point Analysis

Section 1. Introduction

- Introduction, Function Point History & Variations

Section 2. Function Points & it's Superiority

- Problems with Lines of Code
- Why IFPUG Thinks You Should Not Use LOC
- What are Function Points
- How Do Function Points Overcome LOC Problems
- Uses of Function Points Why IFPUG Says We Should Use Function Points
- Objectives of Function Points Counting
- When Should You Count Function Points
- Who Should Count Function Points
- Function Point Counting Steps

Section 3. Function Point Analysis (FPA) Method

- Determine the Unadjusted Function Point Count
- Count Data Functions
- Count Transactional Functions
- Computing the Unadjusted Function Point Count
- Determine the Value Adjustment Factor (VAF)
- Function Point Analysis (FPA) Example
- Development Project Function Point Count Example
- Enhance Project Function Point Calculation
- Converting Adjusted Function Points to Efforts & Cost

Section 4. Function Point Analysis (FPA) Another Example

- Function Point Analysis (FPA) Another Example
- Summary of benefits of Function Point Analysis

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Software Project Management Training Courses

Section 1. Managing The Software Process

- Managing The Software Process

Section 2. Managing External Stakeholders

- Managing External Stakeholders

Section 3. Managing Software Assets

- Managing Software Assets

Section 4. Managing Complexity

- Managing Complexity

Section 5. Managing People

- Managing people

Section 6. Managing changes

- Managing changes

Section 7. Managing objective and scope

- Managing objective and scope



Software Project Management Training Courses

Section 8. Managing Quality

- Managing Quality

Section 9. Managing Time

- Managing Time

Section 10. Managing Risks

- Managing Risks

Section 11. Managing Software Projects

- Roles & Responsibilities of Software Project Manager
- Agile Techniques
- Rational Unified Process® (RUP) Framework
- Project Management Body of Knowledge (PMBOK) & CMMI

Section 12. Introduction

- What is Software Project Management
- Introduction and Program Agenda

Section 1. Risk Management

- Perform Qualitative Risk Analysis
- Identify Risks Sample Questions
- Identify Risks - Outputs
- Identify Risks - Tools and Techniques
- Identify Risks - Inputs
- Identify Risks
- Plan Risk Management Sample Questions
- Plan Risk Management - Outputs
- Plan Risk Management - Inputs
- Plan Risk Management - Tools and Techniques
- Risk Management Introduction
- Perform Qualitative Risk Analysis - Inputs

Section 2. Human Resource Management

- Manage Project Team Sample Questions
- Manage Project Team - Outputs
- Manage Project Team - Tools and Techniques]
- Manage Project Team - Inputs
- Develop Project Team Sample Questions
- Develop Project Team - Output
- Develop Project Team - Tools and Techniques
- Objectives of Team Development, Inputs
- Interpersonal Skills of Project Manager

Section 3. Project Quality Management

- Quality Management Perform Quality Control Sample Question
- Quality Management Perform Quality Control ITTOs Key Points
- Perform Quality Assurance Sample Questions
- Perform Quality Assurance - Outputs
- Perform Quality Assurance - Tools and Techniques
- Perform Quality Assurance

Section 4. Project Cost Management

- Sample Q&A
- Cost Management Control Costs
- EVM - Examples, Control Costs Outputs
- EVM Varied Situations
- Control Costs - Tools and techniques
- Control Costs - Inputs
- Control Costs
- Sample Q&A on Determine Budget
- Determine Budgets - Outputs

Section 5. Project Time Management

- Time Management Control Schedule
- Time Management
- Develop Schedule - Outputs
- Develop Schedule - T&T - Modeling Techniques, Leads & Lags, Schedule
- Develop Schedule - Critical Chain Method
- Develop Schedule - Backward Method
- Develop Schedule - Tools and Techniques
- Develop Schedule - Inputs

Section 6. Project Scope Management

- Solved Quiz
- Control Scope
- Validate Scope - Inputs, Tools and techniques, and Outputs
- Sample WBS, Create WBS - OUTPUTS
- Create WBS (Work Breakdown Structure), INPUTS, T&T
- Define Scope - OUTPUTS
- Define Scope, INPUTS

Section 7. Project Integration Management

- Close Project or Phase, Change Request Process, Summary
- Perform Integrated Change Control
- Monitor and Control Project Work
- Direct and Manage Project Work
- Develop a Project Charter
- Develop Project Management Plan
- Weighted Scoring Models, Payback Period, NPV, Project Charter
- Managing Integration, Project Initiation and Selection
- Introduction to Integration Management

Section 8. Important Concepts in PMP

- Sample PMP Questions
- Project Life Cycle
- Matrix Organization
- PMP Important Basic Concepts Part 4
- Basic Concepts Stake Holders
- PMP Important Basic Concepts

Section 9. Project Management Professional

- Some Basic Concepts on PMP
- Project Management Professional Introduction

Section 10. Procurement Management

- Procurement Management Introduction
- Types of Contracts
- Plan Procurement Management
- Plan Procurement Management - Inputs, T&T
- Plan Procurement Management - Outputs
- Plan Procurement Management Sample Question
- Conduct Procurement
- Conduct Procurement - Inputs, T&T
- Conduct Procurement - Outputs
- Conduct Procurement Sample Question

Section 11. Communication Management

- Communication Management Introduction
- Plan Communication Management
- Plan Communication Management - Tools and Techniques
- Plan Communication Management - Outputs
- Manage Communication
- Control Communication Key Points
- Control Communication - Inputs, T&T, Outputs
- Communication Management Sample Question

Section 12. Stakeholder Management

- Stakeholder Management Introduction
- Identify Stakeholders
- Power Interest Grid
- Plan Stakeholder Management
- Plan Stakeholder Management - Outputs
- Manage Stakeholder Engagement
- Manage Stakeholder Engagement - T&T, Output
- Control Stakeholder Engagement
- Control Stakeholder Engagement - T&T, Outputs
- Stakeholder Management Sample Questions

Section 1. Principles

- Business Justifications
- Introduction to Principles
- Lessons Learnt Part 2
- Defiend Roles and Responsibilities
- Managenment By Stage
- Manage By Exception
- Focus on Product
- Taiolring to Suit Project Environment

Section 2. Project Characteristics

- Role of PM
- Benifits of Prince 2
- Six Performance Standards
- Seven Principle
- Characterstics of the Project

Section 3. Introduction to Prince 2

- Pm Methodology
- What is Project

Section 4. Themes

- Introduction to Theme
- Business Case
- Organization
- Quality
- Plan
- Risk
- Progress
- Q and A

Section 5. Business Case

- Introduction to Business Case
- What is Business Case
- Types of Business Case
- Building Blocks of Business Case
- Exec Summary and Reason
- Option and Business Benefits
- Timescale and Risk
- Roles, Responsibilities and Recap

Section 6. Organization

- Introduction to Organization
- Project and Program
- Stakeholder
- Stakeholder Category
- Business Interest
- Customer and Supplier Interests
- Levels of Organization
- Project Organization Levels 5
- Project Board
- Change Control Board
- Team Manager
- Project Support
- Communication Strategy

Section 7. Quality

- Introduction to Quality
- Quality Management System
- Quality Planning
- Acceptance Criteria
- Moscow
- Quality Management Strategy
- Quality Review Technique
- QRM

Section 8. Plan

- Introduction to Plan
- Types of Plans
- Exception Plan
- Planning Steps

Section 9. Risk Management

- Introduction to Risk Management
- Risk Management
- Risk Management Strategy
- Risk Register
- Risk Identification and Assessment
- Risk Response
- Risk Responses Negative Risks
- Positive Risks
- Roles and Responsibilities

Section 10. Change Management

- Introduction to Change Management
- Types of Issues
- Change Management
- Change Authority
- Change Control
- Status Accounting
- Verification and Audit
- Change Control Procedure
- Change Management Process Flow
- Change Management Responsibilities

Section 11. Progress

- What is Progress
- Three Steps
- Progress Measurement
- Approach
- Stages Management and Technical
- Event Driven Controls

Section 12. Processes

- Introduction to Processes
- Process Model Diagram
- Pre Project
- Initiation Stage
- Project Managers Activities

Section 13. SU Process

- Objective
- Starting Project Overview
- Input and Output Diagram

Section 14. Activities Types and Initiating A Project

- Introduction To Activities Types And Initiating A Project
- Activities
- Activities Types Overview
- Activities Types Risk
- Activities Types Input and Outputs

Section 15. Directing A Project

- Intro to Directing A Project
- Purpose and Objective
- Directing A Project Activities
- Directing A Project themes

Section 16. Controlling Stage

- Introduction to Controlling Stage
- Controlling Stage Objective
- Key Activities
- Key Focus Controlling
- Controlling Stage Overview
- Reporting Activities
- The Issues Activities
- Controlling Stage Inputs
- Controlling Stage Outputs
- Controlling Stage Themes

Section 17. Managing Project Delivery

- Introduction to Managing Project Delivery
- Managing Project Delivery Objective
- Accept Work Package
- Accept Project Work
- Deliver A Work Package

Section 18. Closing A Project

- Introduction to Closing A Project
- Closing A Project Context
- Closing A Project Activities
- Closing A Project Input and Output
- Cp Output
- End Project Report

Section 19. Tailoring Prince to Suit Your Project

- Introduction to Tailoring Prince2
- Embedding Vs. Tailoring
- Examples of Tailoring
- Tailoring Prince2 Organization
- Tailoring Prince2 Process
- How Does it Gets Applied
- Tailoring Prince2 Project Type
- Sector Differences
- Project Management Bodies Of Knowledge
- Tailoring Summary

Section 20. Prince2 to Foundation

- Prince2 to Foundation Introduction
- Exam Question

Section 1. Introduction

- Introduction to Project Management Using P6
- Login to Primavera

Section 2. Definition

- Definition of Primavera
- Description of Primavera

Section 3. Strengths First View

- Why P6 and its Strengths
- Strengths First View
- Understanding Arranging Reports

Section 4. Selection Methods

- A Typical P6 Screen
- Screen Components
- Tools and Symbols
- Set Language
- Selection Methods

Section 5. User Preferences

- User Preferences
- Various Project Management Screens
- Definition of Project
- Starting A New Project
- Opening Projects and Editing Projects
- Working with Portfolios
- Create EPS and Edit

Section 6. Code

- Project Codes
- Resource Codes
- Activity Codes
- Global EPS and Project

Section 7. Resources

- Defining UDFs
- Defining and Working
- Assigning Resources
- Time Sheets
- Roles
- Resource Curves
- Structuring
- Working with EPS

Section 8. Developing Activity

- Developing Activity
- Activity Duration
- Developing Relation
- Developing Resources
- Developing Curves
- Developing Spends

Section 9. Activity Steps and Notebooks

- Activity Steps
- Activity Notebooks

Section 10. Managing Budgeting and Base Lining

- Managing Budgeting

Section 11. Project

- Baseline vs Current Project
- Managing Updating Projects
- Managing Creating Reflections
- Managing Scheduling
- Managing Balance

Section 12. Customizing

- Customizing Layouts
- Customizing Gantt Charts
- Customizing Networks
- Activities and Resources

Section 13. Data Grouping and Presentation

- Data Grouping
- Presentation

Section 14. Reporting and Graphics

- Using Report Wizard
- Using Groups Batches and Editing
- Printing and Page Setup
- Preparing S Curves and Showing



Primavera P6 Professional Training

Section 15. Publishing and Tools

- Web and HTML Options
- Global Changes to Periodic Performance
- Various Administrative Functions in Brief
- Security and Integrity
- Import Export Access and working Working

Section 16. Useful Tips from the Tutor

- Useful Tips from the Tutor
- Edison High - Revisiting Various Tools



Frequently Asked Questions

Why should I do this course?

Because not only it provides you a full picture of Project Estimation but also gives you a co-relation to your career which is going towards project management.

I am an IT professional with 3 years of experience in software Development how could taking this Project estimation course will help me?

Well as you are an IT professional having prior knowledge to different software development life cycles it would be an added advantage and help your career uplift towards a better position in the current organization.



Customer Reviews

“

I found the course to be easy to follow, informative and demonstrate the key aspects of the software package I am required to use for my day to day duties. Being able to do this in my own time has also been vital due to work so being an online course has allowed me to do this around my working life.

Robin Jullig

”

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James Andrew Currie

”

Our future is very dependent on quality of our education, this course and way of teaching was more than I have expected, it does what it says on the tin, very focused on the topic. I have learned a lot for my course hours! Course was well structured, well planned and nicely taught. Primavera is an essential tool to build my career towards planning and I am extremely satisfied with Primavera P6 course organised by Ed-Next and strongly recommend it to my colleagues and friends who wish to get knowledge in this sphere!

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Project Estimation Course

For Queries please contact:

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