

## Project Management Master's Program

Where Project Management Excellence Meets Real-World Success

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## upGrad KnowledgeHut:

## Your Catalyst for Career Transformation

Fast-track your career growth with KnowledgeHut. As a trusted partner in professional development since 2011, we have a proven track record of empowering professionals with in-demand skills and certifications.

With our rich legacy in facilitating workforce and career transformations, we are committed to helping you achieve your career goals. Join us and unlock new opportunities for success.

450,000+

Professionals trained

1,250+

Trainers across the globe

100+

Countries and counting

250+

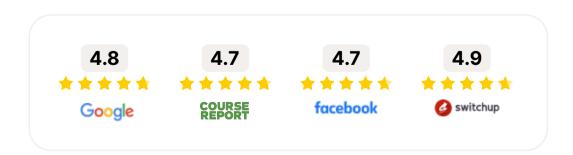
Workshops every month

**Premier ATP** 

PMI® Premier Authorized Training Partner

### 11,000+

Reviews from Alumni the World Over



## Propel Your Project Management **Skills to New Heights**

Are you starting completely from scratch in the world of project management? Do you envision a career where you can thrive, make a significant impact, and enjoy the rewards of a competitive salary? Look no further – our Project Management Master's program is specifically designed to address these aspirations.

We understand that embarking on a new career path can be both exciting and challenging, especially when starting from square one. That's why our program is carefully crafted to provide you with the essential knowledge, skills, and practical tools necessary to excel in the field of project management.

Experience the power of a meticulously crafted curriculum, encompassing eleven distinct courses, seamlessly intertwining various concepts into one transformative program. Prepare to elevate your expertise, master the art of effective project management, and unlock a world of limitless possibilities.

From ground zero to excellence, our comprehensive curriculum equips you with essential knowledge, practical tools, and globally recognized certifications. Master leadership, communication, and time management skills, harness the power of industry-standard tools like Excel and Microsoft Project and drive process optimization with Six Sigma fundamentals.

And finally, our program prepares you for the esteemed Project Management Professional (PMP) certification. Becoming a PMP-certified professional not only enhances your credibility but also opens doors to exciting career opportunities and higher earning potential.

By the end of the program, you will become a competent project manager ready to excel in diverse industries, unleashing your potential and unlocking boundless career opportunities.



## Program **Highlights**

- Rich Collection of 11 Top Courses
- 45 Hours of Instructor-Led Training by Experts
- 95 Hours of On-Demand Learning
- 130 Contact Hours/PDUs on Program Completion
- Mentor-Led Guaranteed Exam Pass Study Plan
- 5 Full-Length PMP Exam Simulations
- Unlimited Attempts to 5 Mock Tests
- Premium Question Bank of 2,000+ Questions
- GOLDEN Ticket: 180 Questions Set from PMI
- Regular PMP **Doubt-Solving Sessions** with Mentors
- Rejoin Refresher Courses with 180-Day Grand Pass
- Detailed Excel Project Dashboard Templates
- Exclusive Access to Detailed Microsoft Project Plan
- 5 Top-Quality Power BI Assignments
- Comprehensive Job Support

## By the End of this Course, You Will Be Able To:

- Possess a comprehensive understanding of project management principles and methodologies.
- Be equipped with the skills to effectively initiate, plan, execute, monitor, and close projects.
- Demonstrate proficiency in applying Agile and Scrum methodologies for project success.
- Exhibit strong leadership and collaboration skills to work effectively with teams and stakeholders.
- Gain hands-on experience with essential project management tools such as Microsoft Project, Microsoft Power BI, and Six Sigma.
- Be fully prepared to successfully pass the PMP certification exam on the very first attempt.



# Fast-Track Your Growth with **Globally Recognized Certifications**

### **Project Management Professional (PMP)**



### Six Sigma Yellow Belt



### Six Sigma White Belt

PeopleCert<sup>®</sup>



## Tap into the High Demand for **Project Management Skills**

PMP is the Top Project Management certification



Employers will need to fill nearly 2.2 million new project-oriented roles each year through 2027



### **Career Impact**



#### 33% Higher Salary

Certified PMs earn up to 33% more than their non-certified peers.



VS



Uncertified PM salary (\$76,636)

Certified PMP salary (\$107,289)



#### 23%

Salary growth rate (2022 to 2025)



#### 33%

Growth in job listings (2022 to 2025)

#### Popular across industries













Defense Banking

g Energy

ΙT

Manufacturing

Health

Sources: PMI®, PayScale, Glassdoor

## upGrad KnowledgeHut **Edge**



#### Learn from the Best

Learn in live, instructor-led training from some of the best PM industry leaders.



#### **Flexible Self-Paced Learning**

Learn on your own schedule with an expert-led self-paced course by industry veterans.



#### **Curriculum Designed by the Best**

Expert-designed curriculum curated by our Project Management Advisory Board.



#### **Guaranteed Exam Pass Strategy**

Ensure PMP exam success with Simulation Exams, Study Plan, Mock Tests, Practice Qs and more.



#### **Specialized Master's Program**

Cultivate a well-rounded and adaptable skillset that caters across sectors and geographies.



#### **Continual Learning Support**

Ongoing support for continual learning through webinars, ebooks, tutorials, and more.



### Is This

### **Course for You?**

Do you play any part in a project and look forward to contributing meaningfully to bringing it to completion? If yes, this course is for you! Learners taking this course are typically:

- Aspiring Project Managers
- Software Developers
- Software Engineers
- Non-Tech Professionals in Software
- Professionals in Process and Quality Management
- IT Professionals
- Project Managers seeking Professional Development

## **Prerequisites**

Our Master's Program in Project Management is open to anyone eager to cultivate their project management skills. We welcome individuals from all walks of life with a shared passion for developing their project management skills.

## Meet Our **Program Director**



#### **Kevin Davis**

Principal PM Consultant The Davis Group of Atlanta, LLC

Kevin is a globally renowned project management consultant with over two decades of experience and has trained thousands across domains including professionals in the US military. His expertise spans methodologies such as PMBOK, Lean Six Sigma, TQM, and TCO, aligning business and technology initiatives with finesse. Beyond consulting, Kevin has conducted over 100 Project Management class sessions, sharing valuable insights with aspiring professionals.



## Your Path to Project Management Excellence

#### 1. Introduction to Project Management

Our Introduction to Project Management course covers all the fundamental aspects of project management, from conflict resolution to effective communication, and much more. Learn to think like a project manager and use the various tools and techniques that are used by industry experts to ensure the efficient delivery of projects.

#### **Live Instructor-Led Training**

#### **Learning Objectives:**

- Learn about the fundamental concepts of project management.
- Learn effective communication, time management, and conflict resolution.
- Learn about the tools and techniques used by industry experts.

#### Course Duration: 5 Hours of Live Training by Experts

- Leadership and Management
- Effective Communication
- Time Management
- Conflict Resolution
- Mentoring and Coaching
- Using Project Management Tools

#### 2. Software Engineering Fundamentals and Lifecycle

Our SEFLC course provides a comprehensive understanding of software engineering fundamentals and the software development lifecycle. Explore SDLC, SRS documents, software architecture, design principles, implementation steps, cutover strategies, testing techniques, and traditional lifecycle models. Gain the necessary knowledge and skills to excel in software development.

#### On-Demand Learning



Amit Singh
Google Authorized Trainer
20+ years of experience

#### **Course Highlights**

- 6+ Hours of On-Demand Videos
- 10 Auto Graded Assessments
- 35 Recall Quizzes

#### **Learning Objectives**

- Learn the steps involved in software development and the components of SDLC.
- Understand software architecture and different architecture models.
- Learn about software implementation and the processes involved in it.
- Explore traditional and new-age software development models and their features.
- Understand how to use the Lean methodology and how it helps.

- Software Development Lifecycle An Introduction
- Software Requirement and Specification
- Software Architecture
- Software Design
- Software Implementation, Rollback, Cutover Strategies and Deployment
- Software Testing
- Software Development Models (Traditional)
- Software Development Models (New Age)
- Deep Dive into the Lean Methodology

#### 3. Agile and Scrum Fundamentals

Unlock the power of Agile and Scrum with our in-depth training course. Gain a solid foundation in Agile methodologies, explore various Agile variants, and understand the APM (Agile Project Management) framework. Dive into the core concepts of Scrum, including its building blocks and the essential practices for successful implementation.

#### **On-Demand Learning**



**Tarak Das**Delivery Head, IT
21+ years of experience

#### **Course Highlights**

- 8 Hours of On-Demand Videos
- 13 Auto-Graded Assessments
- ✓ 11 Assignments
- 13 Ebooks

#### **Learning Objectives**

- Understand the history of the Agile Manifesto and the importance of 4 values and 12 principles.
- Discover the roles and responsibilities of the Product Owner, Development Team, and Scrum Master.
- Understand the need, deliverables, and activities involved in various phases of an Agile project.
- Learn about the Minimum Viable Product and the Minimum marketable feature.

- Background to Agile
- Agile Basics
- Business Inputs
- Agile Variants
- APM Framework
- Introducing Scrum
- Scrum Building Blocks

- Agile Estimation
- Agile Planning
- Monitoring and Tracking
- Agile Metrics and Agile Tools
- Scaling Agile
- Careers in Agile

#### 4. The Art of Project Management for Software and IT Engineers

Gain comprehensive training in project management specifically tailored for software and IT professionals. Gain essential knowledge in project initiation, planning, risk management, team management, and project monitoring and control. Learn effective techniques for quality assurance, process management, project review, and project closure. Enhance your project management skills and ensure successful software and IT project execution from start to finish.

#### **On-Demand Learning**



Course Author

## **Manuj Aggarwal**Founder and Chief Innovation Officer Experience: 26+ years

#### **Course Highlights**

- 3 hours 50 minutes of On-Demand Videos
- Course Resources

#### **Learning Objectives**

- Gain a comprehensive understanding of the essentials of software project management.
- Learn key concepts, principles, and best practices, and what makes an effective software project.

- Introduction
- Essentials of Software Project Management
- Software Project Initiation
- Software Project Planning
- Risk Management
- Team Management and Motivation
- Project Management Monitoring and Control

- Software Project Quality Assurance
- Software Project Process Management
- Software Project Review Process
- Software Project Closure
- Conclusion

#### 5. Managing Software Projects for Non-techies

Meticulously crafted to equip non-technical professionals with the vital knowledge and skills necessary for proficiently managing software projects, our course aim to bridge the gap between technical teams and non-technical project managers. Get a comprehensive understanding of software project management principles, methodologies, and industry best practices. Gain the expertise to adeptly plan, execute, and monitor software projects, ensuring successful outcomes while adhering to budgetary and schedule constraints.

#### **Live Instructor-Led Training**

#### **Course Highlights**

5 Hours of Live Training by Experts

#### **Learning Objectives**

- Acquire core principles and practices of software project management.
- Explore stakeholder roles in software projects.
- Execute software projects efficiently with proven techniques.
- Implement robust strategies for managing project scope, time, and resources.
- Enhance communication and collaboration techniques for project success.
- Identify and mitigate risks in managing software projects.
- Monitor and control software projects to ensure quality and compliance.

- Introduction to Software Project Management
- Project Initiation and Stakeholder Management
- Project Planning and Scope Management
- Project Execution and Monitoring
- Project Closure and Lessons Learned

#### 6. Mastering Excel for Project Managers

Master the essential Excel skills for business analysis with our comprehensive course. From the basics to advanced techniques, learn how to merge and analyze data, make informed decisions using logical functions, create insightful visualizations with charts and pivot tables, and leverage advanced formulas.

#### **On-Demand Learning**

#### **Course Highlights**

- 25 hours of On-Demand Videos
- Course Resources
- 25+ Hands-On Exercises
- 2 Quizzes

#### **Learning Objectives**

- Develop proficiency in Excel for business analysis.
- Learn to use Excel for data manipulation and decision-making.
- Leverage Excel as a tool for data visualization, forecasting, and advanced functions.

- Introduction
- The Basics
- Merging and Looking Up Data
- Making Better Decisions with IF
- Preparing Data for Analysis
- PivotTables
- Visualizing Data with Charts

- Forecasting
- Additional Useful Functions in Excel
- WhatIf Analysis
- Conclusion
- Advanced Excel 2019: Introduction
- Advanced Excel 2019: Functions

#### 7. Jira 8

Explore the features and capabilities of Jira 8 for project management. Learn effective issue tracking, agile project management, and collaboration. Discover advanced functionalities to optimize project workflows and productivity.

#### **On-Demand Learning**

#### **Course Highlights**

4 hours 5 minutes of On-Demand Videos

#### **Learning Objectives**

- Understand the features and capabilities of Jira 8 for project management.
- Learn to use Jira 8 for issue tracking, agile project management, and collaboration.
- Explore advanced functionalities of Jira 8 to optimize project workflows and productivity.

- Getting started with JIRA
- Plugin Development Process
- Advanced JIRA Configuration and Customization
- Programming Custom Fields
- Programming Workflows
- Gadgets and Reporting in JIRA

#### 8. Microsoft Project 2021 for Beginners

From understanding the basics and setting up project files to entering tasks, managing dependencies, allocating resources, and tracking progress, this course equips you with the skills to efficiently plan and execute projects the end of the course, you'll have the confidence to use Microsoft Project 2021 to streamline your project management processes and deliver successful outcomes.

#### **On-Demand Learning**

#### **Course Highlights**

5 Hours of On-Demand Videos

#### **Learning Objectives**

- Gain a solid foundation in using Microsoft Project 2021 for project management.
- Learn to effectively plan, track, and manage project schedules and resources.

- Introduction
- Get Familiar with Project
- Set Up Project Files
- Entering Tasks
- Dependencies and Constraints
- Resources
- Work with Project Views and Tables

- Baselines and Critical Path
- Manage the Project Schedule
- Track Project Progress
- Basic Reporting
- Saving Projects and Security
- Course Recap

#### 9. Microsoft Power BI - The Complete Masterclass

Master Microsoft Power BI with our comprehensive masterclass. From data transformation and modeling to advanced visualization techniques, learn to leverage DAX functions, tell compelling data stories, utilize Power BI Service, and integrate with diverse data sources. Unlock the true potential of your data and gain the skills to confidently navigate Power BI's features for impactful data analysis and reporting.

#### On-Demand Learning



Course Author

Nikolai Schuler

Data Scientist & Instructor

Experience: 9+ Years

#### **Course Highlights**

- ✓ 14 Hours 30 Minutes of On-Demand Videos
- Course Resources
- 5 Hands-On Exercises
- 1 Assignment

#### **Learning Objectives**

- Develop comprehensive mastery of Microsoft Power Bl.
- Acquire skills in data transformation, data modeling, data visualization.
- Learn to use DAX functions and build storytelling with data skills.
- Utilize Power BI Service and integrate with other data sources.

- Introduction
- Preparing Our Project
- Data Transformation The Query Editor
- Data Transformation Advanced
- Creating a Data Model
- Data Visualization
- Power BI and Python

- DAX The Essentials
- DAX The CALCULATE Function
- Tell a Story with Your Data Learn
- to Visualize Effectively
- Power BI Service Power BI Cloud
- Row-Level Security
- More Data Sources

#### 10. Data Visualization with Tableau

Master the fundamentals of data visualization and analysis with Tableau. Create interactive dashboards and visualizations, and explore advanced features for indepth data analysis and storytelling.

#### **On-Demand Learning**

#### **Course Highlights**

12 Hours of On-Demand Videos

#### **Learning Objectives**

- Understand the fundamentals of data visualization and analysis with Tableau.
- Learn how to create interactive dashboards and visualizations using Tableau.
- Explore advanced features of Tableau for in-depth data analysis and storytelling.

- Data Visualization and Tableau Basics
- Tableau Properties
- Data Connections
- Data Preparation
- Data Visualization in Tableau
- Data Visualization in Tableau
- Data Slice and Dice
- Basic calculation
- Advanced calculations
- Format Data in Tableau
- Design Dashboard in Tableau
- Publish and Share in Tableau

#### 11. Six Sigma Fundamentals

Master the fundamentals of Six Sigma with our comprehensive White Belt course. Gain insights into quality principles, Six Sigma methodologies, and the Seven Basic Tools of Quality. Learn to utilize fishbone diagrams, control charts, Pareto charts, and more to drive process improvement initiatives. By the course's end, you'll possess the knowledge to contribute to organizational quality enhancement through Six Sigma practices.

#### **On-Demand Learning**

#### **Course Highlights**

- ✓ 1 Hour 55 Minutes of On-Demand Videos
- Course Resources
- 5 Hands-On Exercises

#### **Learning Objectives**

- Develop a foundational understanding of Six Sigma principles and methodologies.
- Learn all about the Seven Basic Tools of Quality and how to apply them.
- Learn how to contribute to process improvement initiatives.
- Learn to enhance overall organizational quality.

- Introduction to the Course
- ✓ Introduction to Six Sigma, Lean and Kaizen
- The Seven Basic Tools of Quality
- What is a Fishbone Diagram?
- What are Check Sheets?

- What are Control Charts?
- What is a Histogram?
- What is a Pareto Chart?
- What is a Scatter Diagram?
- What is Stratification?
- Course Conclusion

#### 12. Certified Six Sigma Yellow Belt Training

Become a certified Six Sigma Yellow Belt with our comprehensive training program. Gain a deep understanding of Six Sigma methodologies and the DMAIC roadmap, from capturing the voice of the customer and translating requirements to creating project charters and process maps.

#### **On-Demand Learning**

#### **Course Highlights**

- 6+ Hours of On-Demand Videos
- Course Resources

#### **Learning Objectives**

- Develop the knowledge and skills to effectively apply Six Sigma.
- Master Six Sigma methodologies, tools, and techniques.
- Learn to drive process improvement and enhance customer satisfaction.
- Learn to achieve organizational success as a certified Yellow Belt professional.

- Introduction to the Course
- Kaizen Vs. Lean Vs. Six Sigma
- Six Sigma Methodologies & DMAIC Roadmap
- Define: Capture the Voice of Customer (VOC)
- Define: Translate Voices to Requirements
- Define: Create a Project Charter
- Define: Create a SIPOC
- Measure: Create a Process Map

- Measure: Identify the 8 Wastes
- Measure: Identify the Data Types
- Measure: Data Collection Strategy (Part 01)
- Measure: Data Collection Strategy (Part 02)
- Measure: Introduction to Minitab
- Measure: Identify the Data Characteristics
- Measure: Check for Data Stability

#### 13. PMP Certification Preparation

Get ready to crack your PMP exam with the utmost confidence with our tried and tested learning path guaranteed for PMP Exam success. Not sure where to get started with your PMP exam prep or concerned whether you have sufficient time to prepare alongside your full-time job? We've got you covered in our in-depth course designed to help you ace your exam with confidence.

#### Blended Learning: Live Instructor-Led and On-Demand



Program Director

#### **Kevin Davis**

PM Consultant, The Davis Group of Atlanta, LLC 20+ years of experience

#### **Course Highlights**

- 35 Hours with Live Training by Experts
- 24 Hours of On-Demand Training with Stevan Beslac
- 15 Contact Hours with Mentor-Led Study Plan
- 5 Simulation Exams with 180 Questions each
- 5 Mock Exams with 180 Questions each
- 2,000+ Strong Premium Question Bank
- GOLDEN Ticket: 180 Questions Set From PMI
- Guaranteed-To-Run Workshops
- Access the Complete Library of 4 Best-Selling Learning Paths
- Regular Doubt-Solving Sessions and Mentor Guidance
- Unlimited Live Training Sessions for Revision Free Pass!

#### **Learning Objectives**

- Learn to establish strong teams and foster collaboration in virtual environments.
- Empower stakeholders through effective negotiation techniques.
- ✓ Learn to handle project compliances and achieve value using PMP methodologies.
- Learn how to choose the right project methodology.

- Agile Fundamentals and Traditional PM
- Foundations
- Start the Project
- Plan the Project
- Lead the Project Team
- Support the Project Team Performance
- Close Project / Phase

## Hear Straight From Our Alumni



#### **Hassan Kamal**

Data Analyst

This Master's program provided me with in-depth knowledge and practical implementation techniques that are directly applicable in the industry. The set of 11 courses offered helped me develop hands-on skills, while giving me exposure to Agile and Scrum, MS Excel and Power BI. It's a great set of tools and techniques along with leadership and communication skills and I am grateful for the continuous learning experience they provide. Thank you for empowering me on my professional journey!



### **Nick Schwartz**

**Project Coordinator** 

The flexibility offered by KnowledgeHut's PMP Master's Program is commendable. The courses are a mix of Live Virtual Class and On-Demand, making it convenient for busy professionals like me. The overall learning experience has been exceptional, equipping me with the necessary skills and knowledge to excel in project management. I highly recommend this program to anyone seeking a comprehensive and flexible learning opportunity.



### **Richard Clack**

**Business Analyst** 

I am thrilled with the experience I had with upGrad KnowledgeHut PMP Master's Program. The well-organized live courses and self-paced for the PMP exam were informative and engaging, enabling me to connect easily with the instructor and fellow participants. The superb bouquet of courses, along with exceptional customer support provided has been instrumental throughout my learning journey. I am grateful for their assistance and support.



## Page Djuric

Software Tester

The knowledgeable instructors and clear communication in upGrad KnowledgeHut PMP Master's Program impressed me. The instructor's expertise and concise delivery of information made the learning experience compelling and highly valuable. I feel confident in my project management skills after completing this program and am grateful for the knowledge gained. upGrad KnowledgeHut is a trusted platform for professional development.



### Luiz DeCrenza

**Project Lead** 

KnowledgeHut's PMP Master's Program surpassed my expectations. The comprehensive curriculum and well-structured courses have provided me with the skills and confidence to excel in project management. The practical application of concepts and the support from the upGrad KnowledgeHut team have been invaluable. I am grateful for this enriching learning experience that has boosted my career prospects.



upGrad KnowledgeHut is a global ed-tech company, equipping the world's workforce with the skills of the future via immersive learning. A trusted skills transformation partner to over 4,500 organizations across 100+ countries, upGrad KnowledgeHut is the *skills* solutions provider that organizations and individuals count on to innovate faster and create progress.

450,000+ 250+ 100+

Professionals Workshops Countries and trained every month counting

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