

Cost Control Online Course for Construction Projects

Cost Control

Online Practical Course with Case Study.

WORKING SAMRT

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PLANNING ENGINEER

PRESENTED BY:

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Cost Control Online Course for Construction Projects

Self-study online course with full support by Email & WhatsApp.

Recorded Videos	7	HRS
Practicing Hours	23	HRS
Total Duration	30	HRS

What is project cost control?



Project **cost control** is an essential part of managing construction projects. With the inherent complexity of these projects, companies are keen to maintain control over all aspects, including costs.

To keep track of time, a schedule is established, while a QA/QC plan is in place for quality control. In the same vein, cost control processes are put in place to monitor project progress and report any deviations from the budgeted cost. However, cost control is not always straightforward, and **smart techniques** for cost control are often associated with expensive software or tools.

Why is cost control so important?

Cost control for engineering and construction projects is imperative. It is not only monitoring or watching the cost but also performing analysis to make changes at the point of correction rather than waiting until the end of the project. it is not that the budget was exceeded, it is that the client was not made aware of the budget being exceeded until the end of the project.

Good cost control must include **cost estimating, cost accounting, project cash flow, company cash flow, direct labor costing, and other tactics** such as **incentives, penalties,** and **profit-sharing**.

What makes this course different?

As an instructor for construction engineers, I have always been committed to finding practical solutions to construction problems. My students are familiar with my approach, and I have received numerous requests for a course on cost control. However, I took my time to develop a course that would truly benefit my students by providing them with practical and smart solutions. After more than **two years of hard work,** I am proud to say that I have developed a simple yet effective way of **controlling construction project costs.**

The course provides a step-by-step guide and an Excel data model that allows you to easily monitor any construction project. If you are a planning engineer, you will find it particularly useful as you can link your progress update to the cost plan.

Even if you are not a **planning engineer,** you can still benefit from the course as I will provide you with all the necessary information. After taking this course, I am confident that you will be motivated to learn more about planning too.

This course is not focused solely on cramming information about Excel-Hacks into the minds of trainees. Rather, its aim is to enhance and polish their application of the software.

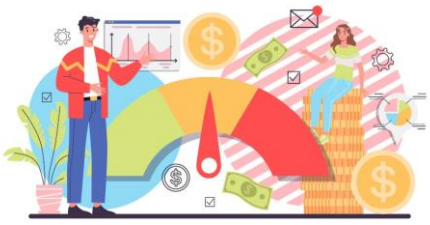
To achieve this goal, we will not only explain the software features and tools of Excel but there will also be a real construction project. This project will simulate Excel's capabilities with real-world project control, providing practical and hands-on experience with the software. We will cover critical controlling techniques and all the required skills to seamlessly blend this tool into your real project engineering and control world.

Who is this course for?

1- **Planning Engineers.**
2- **Cost Engineers.**
3- **Q.S Engineers.**
4- **Site Engineers.**
5- **Project Managers.**
6- **Construction Managers**.

Anyone who has some experience in construction projects and would like to learn cost control.

How does this course work?



This course is designed to provide you with a comprehensive understanding of the cost control process, and we have organized it into **12 chapters**. You will have access to all the necessary materials, including pdf files and video tutorials, to guide you through each step. In addition, we will provide you with excel sheet files to apply what you have learned to your own projects.

To create an effective cost control process, there are six essential steps you must follow, including:

1- Developing a cost estimation sheet.

2- Adding the project planned dates to the data model.

3- Linking the cost estimation to the schedule.

4- Updating the schedule and automatically updating the cost plan.

5- Updating the actual costs using our smart sheet.

6- Comparing the budget cost to the actual costs and identifying any activities with a cost overrun.

By following these steps, you will be able to monitor and control project costs effectively, regardless of whether you are a planning engineer or not. This course will provide you with the knowledge and tools necessary to succeed in cost control, and we believe it will be a valuable addition to your skill set.

What will you study and what you will not study in this course?



You Will Study

1. How to create a **cost control process** from scratch.
2. How to distribute the **estimated cost** using the project schedule.
3. How to calculate the **cash in** and **cash out** for the project.
4. How to link **progress updates** to the **budget cost**.
5. How to **update** actual costs smartly.
6. How to create a **summary report** for all projects.
7. How to find **activities overrun** for materials, labor, equipment, and subcontractors.
8. How to create a detailed **cost report** for all projects.
9. How to create any other custom report using the **data model**.
10. How to use the same technique of data model in all other tasks.

You Will not study

1. how to estimate the cost of materials, labor, equipment, and subcontractors. This is an estimation process not cost control and it is pure QS job.
2. how to create a project time schedule, there are other courses on our website for that.

Course Instructor

The course material has been crafted in collaboration with a skilled planning and control manager who possesses 20 years of practical experience in managing high-end mega projects. In addition to this, the course instructor holds a degree in management of construction projects and infrastructure from Liverpool University, United Kingdom.

Our ultimate goal is to equip engineers with top-notch course content that will help them acquire invaluable techniques and develop the necessary skill set to excel in their field.

Certificate of Completion



Completing this course and receiving the certificate of attendance can enhance your professional reputation and provide a competitive advantage in the job market. The certificate serves as tangible evidence of your newly acquired knowledge and skills, and can demonstrate to potential employers or clients your commitment to professional development.

In addition, having completed this course and earned the certificate can open up new opportunities for career advancement or career change. It can also serve as a foundation for pursuing more advanced courses or certifications in the field of project management .

Our Promise

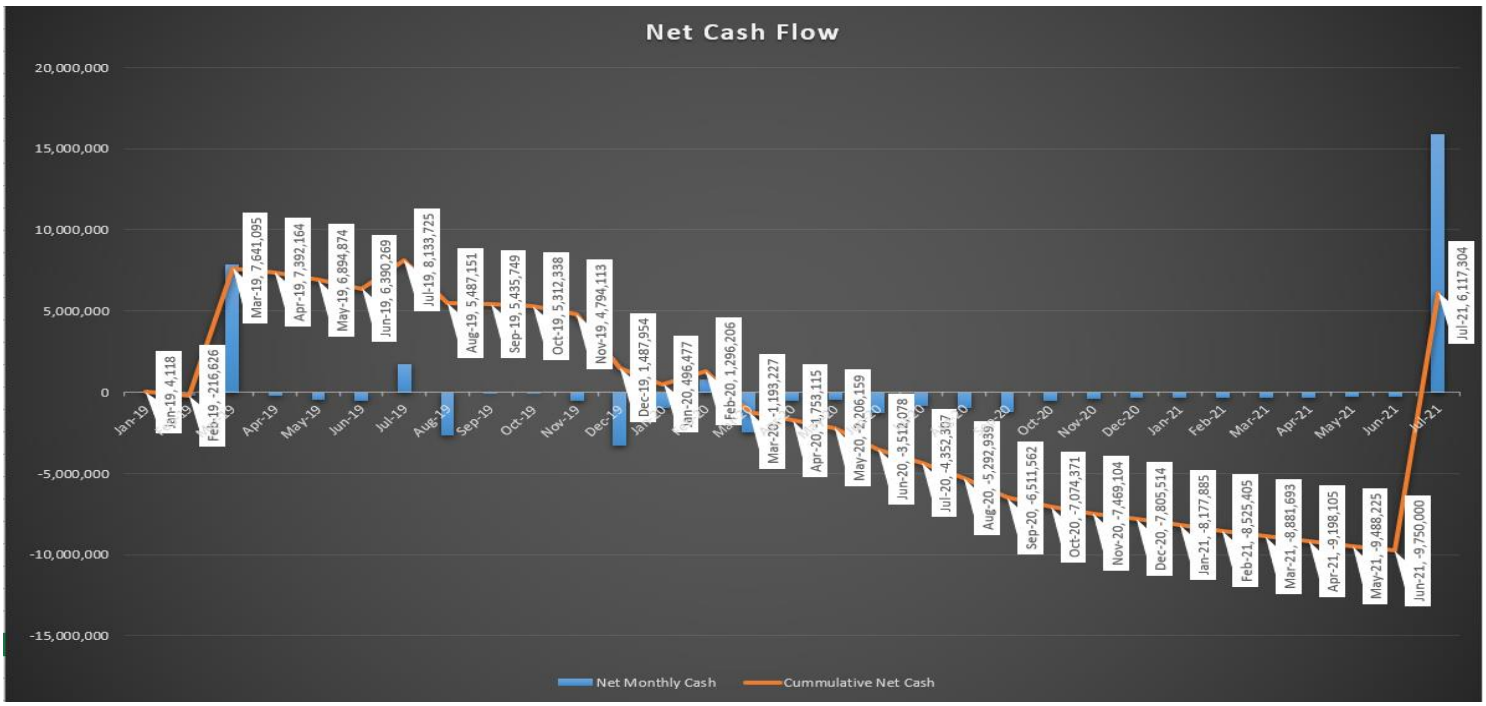
At our organization, we are committed to providing our trainees with more than just theoretical knowledge of project management. We are dedicated to helping our trainees improve their skills and abilities in the field. We understand the desire for growth and development, which is why we strive to provide course content that meets everyone's expectations.

Our promise to our trainees is to not only deliver conventional knowledge on project planning and monitoring but also practical techniques that can be applied in real-world situations. We are dedicated to ensuring our trainees' complete satisfaction with our courses.

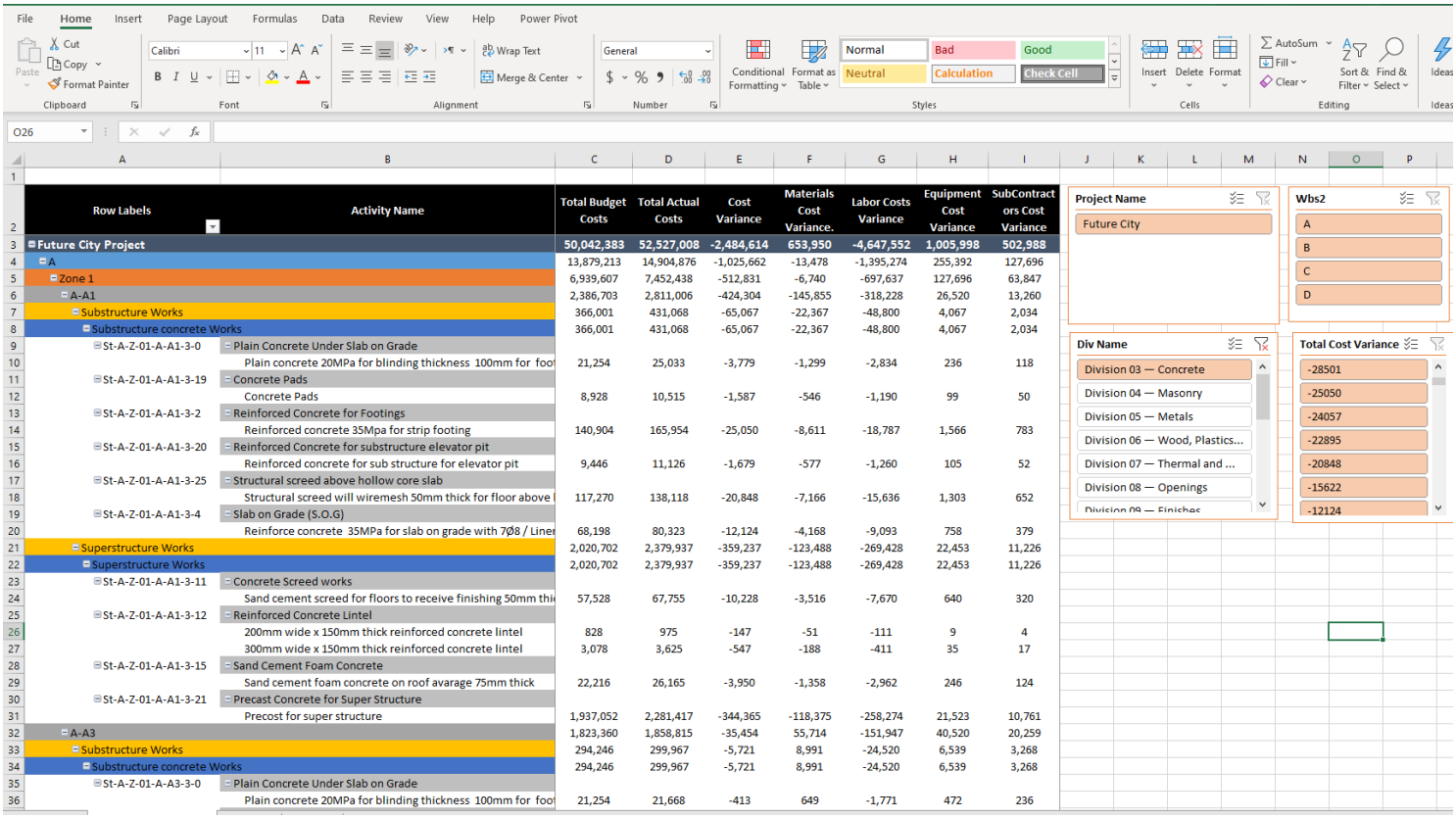
However, in the unlikely event that you are not satisfied with the course and its material, we offer a full refund.

Samples Of Reports

Net Cash Flow Report



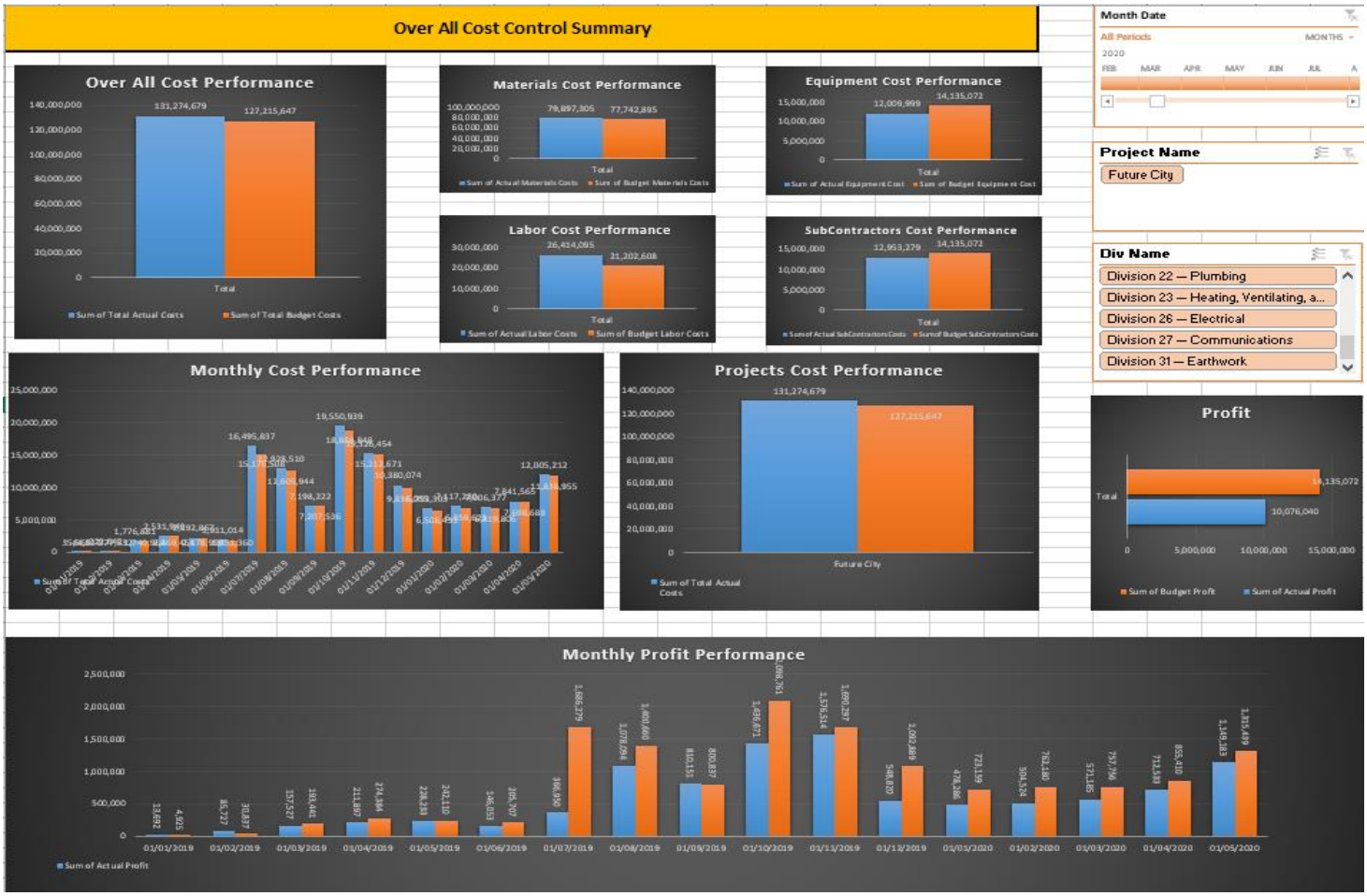
Detailed Summary Reports



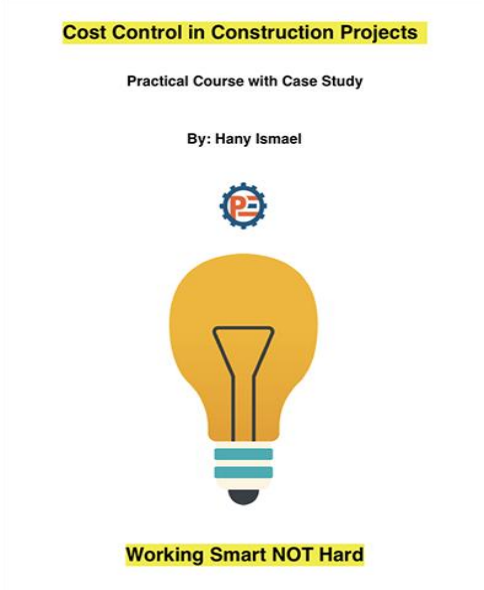
Row Labels	Activity Name	Total Budget Costs	Total Actual Costs	Cost Variance	Materials Cost Variance.	Labor Costs Variance	Equipment Cost Variance	SubContractors Cost Variance
Future City Project		50,042,383	52,527,008	-2,484,614	653,950	-4,647,552	1,005,998	502,988
A		13,879,213	14,904,876	-1,025,662	-13,478	-1,395,274	255,392	127,696
Zone 1		6,939,607	7,452,438	-512,831	-6,740	-697,637	127,696	63,847
A-A1		2,386,703	2,811,006	-424,304	-145,855	-318,228	26,520	13,260
Substructure Works		366,001	431,068	-65,067	-22,367	-48,800	4,067	2,034
Substructure concrete Works		366,001	431,068	-65,067	-22,367	-48,800	4,067	2,034
St-A-Z-01-A-A1-3-0	Plain Concrete Under Slab on Grade							
	Plain concrete 20MPa for blinding thickness 100mm for foot	21,254	25,033	-3,779	-1,299	-2,834	236	118
St-A-Z-01-A-A1-3-19	Concrete Pads							
	Concrete Pads	8,928	10,515	-1,587	-546	-1,190	99	50
St-A-Z-01-A-A1-3-2	Reinforced Concrete for Footings							
	Reinforced concrete 35Mpa for strip footing	140,904	165,954	-25,050	-8,611	-18,787	1,566	783
St-A-Z-01-A-A1-3-20	Reinforced Concrete for substructure elevator pit							
	Reinforced concrete for sub structure for elevator pit	9,446	11,126	-1,679	-577	-1,260	105	52
St-A-Z-01-A-A1-3-25	Structural screed above hollow core slab							
	Structural screed will wiremesh 50mm thick for floor above	117,270	138,118	-20,848	-7,166	-15,636	1,303	652
St-A-Z-01-A-A1-3-4	Slab on Grade (S.O.G)							
	Reinforce concrete 35MPa for slab on grade with 7Ø8 / Line	68,198	80,323	-12,124	-4,168	-9,093	758	379
Superstructure Works		2,020,702	2,379,937	-359,237	-123,488	-269,428	22,453	11,226
Superstructure Works		2,020,702	2,379,937	-359,237	-123,488	-269,428	22,453	11,226
St-A-Z-01-A-A1-3-11	Concrete Screed works							
	Sand cement screed for floors to receive finishing 50mm thi	57,528	67,755	-10,228	-3,516	-7,670	640	320
St-A-Z-01-A-A1-3-12	Reinforced Concrete Lintel							
	200mm wide x 150mm thick reinforced concrete lintel	828	975	-147	-51	-111	9	4
	300mm wide x 150mm thick reinforced concrete lintel	3,078	3,625	-547	-188	-411	35	17
St-A-Z-01-A-A1-3-15	Sand Cement Foam Concrete							
	Sand cement foam concrete on roof avarage 75mm thick	22,216	26,165	-3,950	-1,358	-2,962	246	124
St-A-Z-01-A-A1-3-21	Precast Concrete for Super Structure							
	Precost for super structure	1,937,052	2,281,417	-344,365	-118,375	-258,274	21,523	10,761
A-A3		1,823,360	1,858,815	-35,454	55,714	-151,947	40,520	20,259
Substructure Works		294,246	299,967	-5,721	8,991	-24,520	6,539	3,268
Substructure concrete Works		294,246	299,967	-5,721	8,991	-24,520	6,539	3,268
St-A-Z-01-A-A3-3-0	Plain Concrete Under Slab on Grade							
	Plain concrete 20MPa for blinding thickness 100mm for foot	21,254	21,668	-413	649	-1,771	472	236

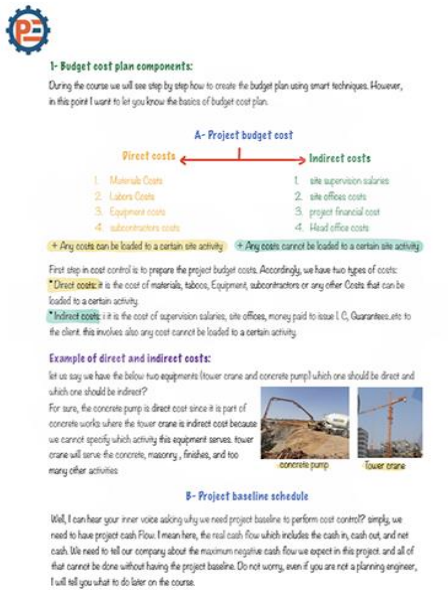
ONLINE COST CONTROL COURSE CONTENT

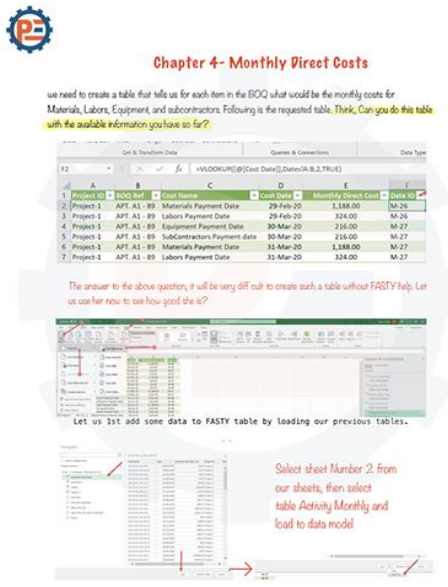
Cost Summary Report



Cost Control Manual Book







Some Reviews on Our Page

Ahmad Humayon Hazim ★★★★★

Appreciated for your efforts Eng Hany Ismail.

Awsome and well explained course. I, highly appreciate the efforts Eng Hany Ismail has made for providing this course. I am sure, any one working in the area of planning can benefit from this course. It is simple and well explained step by step that assist the learner to enjoy and add value to his or her professional knowledge.

Abdallah Essam ★★★★★

Mind-Blowing Course

Another Mind-Blowing Course From Eng Hany Which Link Cost with Schedule With BOQ in Very Smart Way ,So that you can Easily Determine your Project Health ,using Highly Advanced Excel Technique as Query/Macros/pivot charts/... With step to step instruction using screenshots,The Best thing is how to think Smart to Determine what we want and how to do it with least possible effort by Adopting Software As Excel To the Project Needs



Ahmed Ramadan AbdelSalam ★★★★☆

Eng. Ahmed Ramadan, Sr. Estimator

from my oponion the main advantage in this Course is that; the course is practical & the instructor has a deep experince in the planning & Cost Control fields & his explanation is simplified, I can recommend it to anyone who's willing to get into the Cost Control practical field.



Mohand Amokrane Ouehnia ★★★★★

Mohand Amokrane Ouehnia

Purely practical with very useful information, I would recommend it to anyone who's willing to get into the Cost Control field, even for experienced people they can get very useful information, It's well structured and organized. My final word on this course is "Awesome".



Roberto BROGI ★★★★☆

Cost Control Course

The course is well done and the topics are well tailored; according to me it is necessary re-read and re-listen the video many time in order to deep the concepts and the practices; after having deep them I will introduce many of them in my professional life.



Mohammed Rayyan Habib Ahmed Sawant ★★★★★

Cost Control for Construction Projects

This is truely a professional course!!! The systematic way of teaching of respected sir and sharing such precious knowledge is very much appreciated!!! This course covers each and every topic related to the subject and i have started applying it in my professional life. Thank you so much sir!!!



AL-NAQI SARAWI ★★★★★

Cost Control Course

The lessons, techniques, ideas, logics, concepts, analysis, topics, teachings and many more are amazing, thank you so much sir.

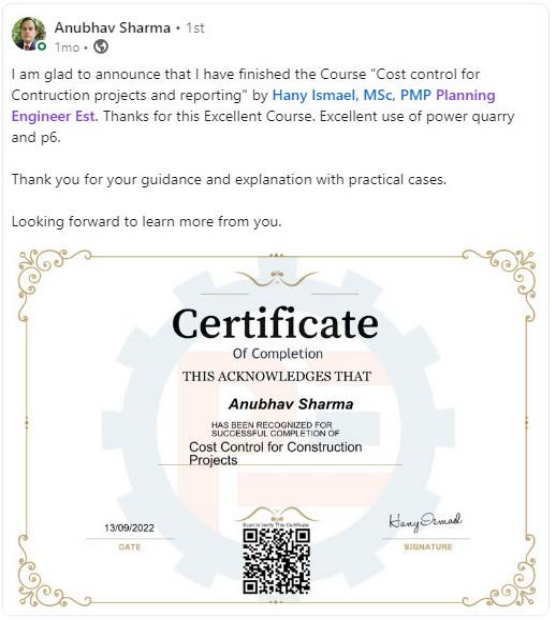


Ehab Adel Metwally Attia Safan ★★★★★

Cost Control Course

Awesome Course, Work Smart Not Hard Thanks Eng.Hany for your usual amazing courses .

Reviews on LinkedIn









Online Cost Control Course Content

INTRODUCTION

Introduction to cost Control

How to perform Cost Control

MASTER SHEET

Master Sheet and Manual Sheet

Master Sheet Creation

SCHEDULE PLANNED

Schedule planned Content and Manual Sheet

Schedule Planned Creation

Distribute the Estimation Cost using the Project schedule

ACTIVITY AND BOQ

Activity and BOQ Content and Manual Sheet

Activity and BOQ Sheet Creation

MONTHLY DIRECT AND INDIRECT COST

Monthly Direct Cost and Manual Sheet

Monthly Indirect Cost and Manual Sheet

Monthly Direct Cost Sheet Creation

Update Actual Cost Smartly.

COST UPDATE

Weekly Progress Update

Direct Cost Progress Update

Indirect Cost Progress Update

Actual Cost Progress Update

link progress update to the budget cost

Monthly Payment Sheet and Manual Sheet

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COST REPORTING

Summary Cost Report

Detailed Cost Report

Monthly Cash in and Cash out Sheet Creation

Monthly payment Sheet Creation

Locating overrun activities for materials, labor, equipment, and subcontractors.

MAKING DATA MODEL DYNAMIC

Dynamic Data Model Creation

Create any other custom report using the Data Model

Use the Same Technique of Data Model in all other Tasks

DATA ANALYSIS AND CORRECTIVE ACTION

Data analysis in action

Having cost Control Manual Book Pdf

BOQ activities Linking Tool

DON'T HESITATE TO CONTACT US!

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