Course Name :

- Project management principles and practices

Description :

- Project management has been proven to be the most effective method of delivering products within cost, schedule and resource constraints.

- This intensive and hands – on series of courses gives you the skills to ensure your projects are completed on time and on budget while giving the user the product they expect.

About:

- successful projects require carful upfront planning .In this course , you will learn the key roles and responsibilities of the project manager and project team .You will also learn to answer some key questions upfront to help you meet project objectives : What will this project accomplish ? Why is this project important? Who benefits from this project? How will we plan for successful outcomes?

Course Format :

- video (lectures)
- reading (lessons)
- video (case study)
- reading (exercises)
- quiz

What you will learn :

Upon completing this course, you will be able to:

- ✓ Identify the key characteristics of a project.
- ✓ Identify primary project constraints.
- ✓ Define the role and responsibilities of the project manager.
- ✓ Identify project organizational structures.
- ✓ Understand the definition of project stakeholders.
- ✓ Identify project stakeholders.
- ✓ Identify information needs of the project stakeholders.
- ✓ Define responsibility for managing stakeholders and controlling stakeholder's engagement.
- ✓ Define the purpose of using a project charter.
- ✓ Summarize the key elements of a project plan.
- ✓ Identify common sources of conflict within a project environment.
- ✓ Describe the difference between authority and influence.

Who should attend :

* Engineers

* Mangers

Duration:

6 weeks

Course content:

* Week 1: get started.

* Week 2: what is a project?

*week 3: get to know your stakeholders.

* Week 4: scope matters.

* Week 5: authority vs. influence.

* Week 6: wrap up.

<u>Language instruction</u>:

- English

<u>Activities:</u>

- Exercise
- Final examination