

Welcome to the Class



Department of Computing and Information System

Project Management Essentials

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IT Project Management

Project management plays a significant role in a variety of industries and fields, such as software development, engineering, construction, marketing, research, IT operations, and more.

So, when we ask, "What is **IT project management**?", the simple answer is that it includes those efforts involved with managing the processes and activities associated with ensuring the success of IT projects or systems management related responsibilities.

THE RESPONSIBILITIES OF A TRADE SHOW BOOTH MANAGER



What is an IT Project?

An IT project can be any type of project that deals with IT infrastructure, information systems, or computer technology. This can include software development activities, such as programming a simple mobile app or a large scale software system.

IT project management for beginners sometimes involves web development, including updating a web page, creating an online shopping site, or even developing an entire web infrastructure.

Other common examples of IT projects include designing an organization's IT infrastructure, deploying systems and software, and employing IT security measures.

The following represent a few IT project categories:

- Research
- Service
- Software development
- System deployment
- Change management**
- Infrastructure
- Needs assessment

“Today, the role of the project manager has evolved somewhat, and you are likely to find yourself getting involved earlier and earlier in the project before it has even become a ‘project.’

Elizabeth Harrin

What is an IT Project Management Methodology?

For an IT manager, project management methodologies are all about specifying the best way to initiate, plan, and execute IT projects. Waterfall and Agile are two of the **most prominent methodologies** used in IT project management, including IT project management for beginners.

IT Project Management Methodology...

One study found that Agile has a higher success rate, **64%**, than Waterfall, **49%**, when it comes to IT projects.

What IT Project Management System Best Fits My Needs?

“Future anticipated needs are always a consideration. Project management solutions should be scalable, yet not overbought or overbuilt with features and functionality that just aren't required.

Moira Alexander

- Thanks to All