

## [Construction Project Management: Theoretical Courses](#)

Due to the explosive growth in housing and other infrastructure construction projects, there is a burgeoning need to provide highly skilled construction project management. This is a widely held opinion despite the continuing downtrend in the housing market due to the sub-prime mortgage financial debacle. Why? It is an undeniable fact that infrastructure is one of the essential bulwarks of modern economies.

Construction project management is in high demand in this era of mega housing projects, turnkey industrial townships, mammoth dams and new airport projects. Experienced workers and recent college graduates who are certified in applied management project software and methodologies are earning six figure salaries even with the current recession and slump in the housing sector. One popular certification is conferred by the Project Management Institute.

An effective construction management course builds on the concepts and methods of applied management, civil engineering, architecture, law, information technology, social and behavioral sciences. When teaching these concepts, the course should combine theory with practice. The level of knowledge and practices in the infrastructure sector are growing more complex. As a result, the sector requires people with cross functional training who can bridge the gap between technology and management.

To acquire a solid foundation in the fundamental relationships and phenomena that characterize the changes taking place in the infrastructure sector, it is necessary to take theoretical courses in construction project management. However, to relate theories of construction project management to practical problems in real estate, infrastructure, and construction projects, applied courses are necessary.

The start of college majors in construction project management at a number of American and British universities can be traced back to an international workshop in 1986. At this workshop, technocrats from the construction industry joined hands with business leaders and leading academics to build cooperation for standardizing and improving the practices in the infrastructure industry and allied fields.

Many corporations and industrial houses have diversified into real estate development, now a high profit and high risk industry. Becoming a certified construction project manager can be a career in one of a lucrative field, with opportunities to excel and the possibility of making a fortune in the process. Consider a career in this lucrative field: construction management.

Infrastructure, real estate, and other sectors are pillars of modern economy. Demonstrated excellence in construction project management is critical to the success of these businesses with high risks, and even higher rewards. It is advised to take courses in applied management project software and management theories. These courses should be followed by practical hand-on application to reinforce the learning. People from academia, industry and regulatory bodies came together in 1986 and designed the syllabi of such courses. You may choose to obtain a certificate in project infrastructure project management from project management institute.

### About the Author

George Purdy, an expert on construction project management, wrote many articles and is a recognized public speaker on it. More resources and products on [construction project management](#) and [project management](#).

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