



MSc in Project Management



Course : PM601

Project management in
an educational institute

by

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Topics of presentation

- The current situation in construction industry
- Project management education
- Construction industry and construction projects
- Problems due to the ignorance of project management
- Development project
- Evaluation project
- Conclusions
- Future prospect

The current situation in construction industry.

- Construction projects are very difficult.
- Resources (technicians) cause problems to these projects.
- Problems in time, quality, cost are very common in these projects.
- Training of the engineers and the managers is not enough.

The problem

The lack of the information on project management in an educational institute in the section of technicians training for the construction industry causes problem to the projects.

Project management education

- Online programs on master, doctorate and certificate level.
- Training of the employees.
- Development of the human skills of the managers.
- Development of procedures that will create the best managers.

Construction industry and construction projects

- No specific boundaries.
- It is a service industry.
- Multilingual and multinational environment.
- Communication between the companies and the agencies is very difficult.

Methodologies and procedures

The course of project management should be added to the educational programs of the educational institutes in order to acquire the technicians the basic knowledge about project management.

Problems due to the ignorance of project management

- Insufficient information.
- Ignorance of the time schedule.
- Subcontractors cause problems to the time, the cost and the quality of the projects.
- Collaboration problems.
- False delegation of the resources.
- Delay of the materials delivery.

Development project is:

A plan of lessons that should be taught in ten weeks to the future technicians in order to acquire the basic knowledge of project management and to facilitate the work of the project manager in the construction projects.

Plan of the lessons

- First week: The project management and the project manager
- Second week: Project
- Third week: Construction projects and construction industry
- Fourth week: Team
- Fifth week: Communication

Plan of the lessons

- Sixth week: Quality
- Seventh week: Cost
- Eighth week: Customer satisfaction
- Ninth week: Resources
- Tenth week: Suppliers

Evaluation project

After the application of this educational program project managers and students will complete a questionnaire that will help us to understand if this project has helped or if it needs improvement.

Conclusions

- Impacts in the projects will be overcome easily.
- The technical and the managerial part of the project will be known to all the employees.
- Failures will be reduced.
- Stress and worries of the project manager will be less.

Conclusions

- The educational programs of the institutes will be updated.
- Small firms will be well-organized and with better services.
- Widespread of the project management.

Future prospect

- Seminars can be organized with shorter duration.
- The course of project management can be added to the other sections of the institute.

Thank you!