

Professional corporate education plan:

PROJECT MANAGEMENT FOR SHIPYARDS AND MARINE INDUSTRY OPERATORS

Basic principles

Methodologies

Tools & Techniques

Practical application



With specific reference to the PMI standards (PMBOK 6th edition).
Valid as education plan to apply for the PMP® certification.

TRAINING PLAN PRESENTATION



Vietnam Marine Technology and Engineering

Ship Design

Marine Engineering

Project Management

Consultancy

QUALITY—EFFICIENCY—ON TIME DELIVERY

The importance of Project Management in marine industry

The whole maritime industry is permeated of the concept of “*projects*”. Actually most of the businesses running in this field have the typical characteristics of projects. Build a ship for example is a project for both shipyard and ship owner; supply, install and put in service the propulsion system is a project for the equipment vendor/supplier; manage the periodical dry-dock of a ship is a project for a ship repair company. Each of the above examples is normally a complex project and because of that, run it constantly monitoring costs, time and scope always focusing on the final quality (the so called “*law of triple constraint*”) has a strategic importance. Do you know what is the major cause of failure of complex projects (not meet the initial expected results in terms of delivery time, budget and quality)? It is the lack of knowledge and application of a formal project management approach.

Improve the corporate project management skills brings generally strong positive results to the whole organization.



What kind of Company

Project Management is a transversal science applied in many field, industries and type of business. Any Company/Organization used to handle projects as part of their activity, can get benefit form this education program. Anyway, due to the specific orientation of the practical application, this education plan best fit the marine industry operators as:

- Shipyards
- Ship building/repair contractors
- Ship Owners
- Fleet management companies
- Marine equipment manufacturer
- Offshore industry operators



Who should attend

The program is designed to give best results if attended by a team of key persons, working in the same organization, normally involved in managing projects as for example (but not only):

- Project Managers
- Project Engineers
- Production planners / Project schedulers
- Project Administrators
- Department Functional Managers
- Production/Operations Leaders
- QA/QC Leaders



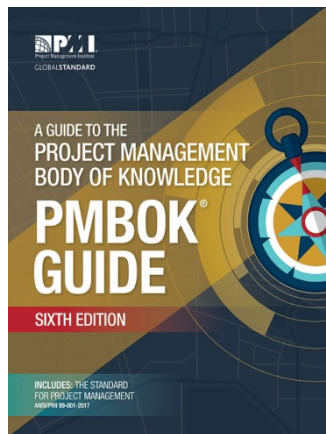
The course structure

The training course in “*Project Management for Shipyards and Marine Industry Operators*” is a corporate education plan, dedicated to those Companies/Organizations willing to increase the general knowledge, competence and maturity in managing projects in formal way. It is structured to be very effective if attended by a core team of key persons normally involved in management of projects.

- Done directly at the own venue
- Two weeks duration (tot. 40 tuition hours)
- Formal lessons with specific application to the marine industry
- Practical workshop (developed as teamwork) to consolidate the knowledge
- Fit for a team from 5 to 20 members
- Tuition is done in English language (intermediate listening and reading skills are required)
- Final graded exam (100 multiple choice questions)
- Individual certificate will be issued to each attendee that will pass the exam

Following the state-of-art

The training program is structured to have a clear vision of what is the state-of-art of today's Project Management science keeping anyway a strong practical approach to the reality of maritime industry.



The entire course is based on the PMI® standards and refers to the latest edition of the “*Guide to Project Management Body of Knowledge*” (PMBOK® Guide 6th Edition), the most authoritative compendium of guidelines, standards, tools and techniques for formal project management.

Valid for the PMP® Certification

This program is valid as “*project management education*” for the eligibility to apply for the PMP® Certification (issued by the *Project Management Institute*) the most important and renowned Project Management certification recognized worldwide at multi-industry level.



To know more about PMP certification visit:

<https://www.pmi.org/certifications/types/project-management-pmp>



Definitions and Introduction to Project Management

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|--|----------------|
| ▪ Introduction to Project Management | <i>1 hour</i> |
| ▪ Project Management Standards | <i>1 hour</i> |
| ▪ Project Management Framework | <i>2 hours</i> |
| ▪ Project Management vs. Corporate Organizations | <i>1 hour</i> |

The Project Management Knowledge Areas

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|-------------------------------------|----------------|
| ▪ Project Scope Management | <i>2 hours</i> |
| ▪ Project Schedule Management | <i>2 hours</i> |
| ▪ Project Cost Management | <i>2 hours</i> |
| ▪ Project Quality Management | <i>1 hour</i> |
| ▪ Project Resources Management | <i>1 hour</i> |
| ▪ Project Communications Management | <i>1 hour</i> |
| ▪ Project Risk Management | <i>2 hours</i> |
| ▪ Project Procurement Management | <i>1 hour</i> |
| ▪ Project Stakeholders Management | <i>1 hour</i> |
| ▪ Project Integration Management | <i>2 hours</i> |

Total tuition time on Week 1: 20 hours

Developing Project Management Methodologies

- Plan Driven vs. Agile Methodology *1 hour*
- Introduction to the Agile-Scrum Methodology *1 hour*
- Example of P.M. Methodology in Shipbuilding *1 hour*

The Role of Project Manager

- Role and Skills for the Project Manager *1 hour*
- Professional and Social Responsibility *1 hour*
- PMI Certification in Project Management (PMP, CAPM) *1 hour*

Tools for Project Management

- Typical Project Management Documentation *1 hour*
- Introduction to MS Project *1 hour*

Practical Workshop (Team work)

Given the most important contractual documentation (contract, specification and G.A.) of a new building ship, develop the full project management plan. *8 hours*

Conclusion

- Review of results of practical workshop *1 hour*
- Putting all together *1 hour*
- Final test (graded) *2 hours*

Total tuition time on Week 2:	20 hours
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About the lecturer



Michele Lauriero

Naval Architect and Marine Engineer, MRINA (CEng)
Project manager, PMP®

Technical Director @ VIMATEC Engineering



Mr. Michele Lauriero is a Naval Architect with about 20 years of experience in the maritime industry, mainly in ship building and ship design. Strong expert in formal Project Management methodologies, he is a firm supporter of the theory that a good application of formal project management in the shipbuilding and maritime industry can drastically improve the overall efficiency of this strategic economic compartment.

He is member of the PMI (Project Management Institute), holding the PMP® and CSM® certifications.

CONTACTS

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