

Project Management

Module 1, 2019

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Course description

The course goals are:

- Give overview on modern practices of project management
- Present practical examples of demonstrative situations in project management.

The course objectives are:

- Provide an overview of standard project management practices
- Present the most common project management problems
- Present modern approaches to the organization's development management.
- Present innovative approaches to project management
- Consider practical examples.

Course requirements, grading, and attendance policies

The course grade will be based on final test

Course contents

Class 1: Standard Approaches to Project Management

- Projects and project management as part of an organization management system
- Theoretical bases of project management
- Project Management Areas
 - Project Evaluation
 - Scheduling
 - Resource Planning
 - Monitoring, analysis of deviations, development of management decisions
 - Risk management
 - Communications management
 - etc.
- Examples of project management artifacts
- Project management roles
- The most common standards and approaches to the organization of project management
- Project office. The role of the project office in project management
- IT solutions for project management
- Practical examples of standard projects.

Class 2: Problems and risks of project management

- Main problems and risks of project management
- Advantages and disadvantages of different approaches to project management
- Innovative project management

- Tools to overcome uncertainty
- Connection of project management with related management disciplines (strategic development, operational management, management by objectives, balanced scorecard, corporate architecture, knowledge management)
- Consideration of practical examples of problems and risks in complex projects

Class 3: Innovative approaches to project management

- Innovative approaches to project management
 - Architectural practice
 - Value factor model
 - Expert space
- The role of project manager in different models of project management
- Bimodal management system (RUN / CHANGE)
- The place of project management in the CHANGE model
- CHANGE risks neutralization methods using project management tools
- Innovative IT solutions in project management
- Practical examples of innovative approaches in project management

Course materials

- A guide to the project management body of knowledge (PMBOK® guide). Fifth edition. - Project Management Institute, Inc., 2013. - ISBN 978-1-935589-67-9
- Project Management Step by Step / Richard Newton. - Harlow, 2006. - ISBN 978-5-9614-4375-2
- Аньшин В. Управление проектами. Фундаментальный курс / Аньшин В., Ильина О. (ред.). - М.: Издательский дом Высшей школы экономики, 2013
- Scrum : the art of doing twice the work in half the time / Jeff Sutherland. - New York, 2014. - ISBN 978-5-00100-424-0
- Brilliant Agile Project Management: A Practical Guide to Using Agile, Scrum and Kanban / Rob Cole, Ed Scotcher - FT Press, 2015. - ISBN 978-1-2920-6356-0

Academic integrity policy

Cheating, plagiarism, and any other violations of academic ethics at NES are not tolerated.