

Name	Fundamentals of project management		
Code	CTC-RI-04		
ECTS	2		
Location	CTC – Collaborative Training Centre, University of Rijeka Faculty of Engineering, Vukovarska 58, HR-51000 Rijeka, Croatia		
Trainer/s	Assoc. Prof. Milan Ikonić, Ph. D. (CV enclosed)		
Purpose	What is a project and why they are used, why the project management is desirably choice of career? Today's worlds change all the time and speed volume of changes accelerate. Rising needs for changing improve the needs for projects as an organizational concept. Project present the tool by whom the changes can be introduced on a cheapest and fastest way what resulted with a project management as a most useable model for managing with changes. Projects differ from "normal" business and it challenging. With aim to be more and more simple and successful were developed a many models and tools of project management.		
Recommended entry level	University (bachelor) degree, engineering studies		
Special requirements	-		
Duration	20 hours		
General objectives	Upon completion of the module participants will be able to: <ul style="list-style-type: none"> • Explain of basic abstractions of project management • Compare the vision, strategy and aims of projects • Know the model of process of project management • explain of basic organizational structures of enterprise • Explain an organization of project • Recognize the methods for planning of projects by planning of time and/or capacity - gantograms, techniques of net planning - PERT, CPM • Know the methods of planning of projects for managing of costs - Target Costing. 		
Topics	1. Basic abstractions and development of project managements 2. Project organizational structures 3. Models of project management 4. Techniques of project planning		
Specific learning outcomes in topics	Topic 1: Basic abstractions and development of project managements	Number of hours	4
	Participants will be trained to recognize and use of next abstractions: <ul style="list-style-type: none"> • Project • Project management • Project manager • Project teams 		
	Topic 2: Project organizational structures	Number of hours	4
	Participants will be trained to recognize and use: <ul style="list-style-type: none"> • Clean and individual project organizations • Project as a part of functional organization structure • Project as a part of matrix organization structure 		
	Topic 3: Models of project management	Number of hours	8
Participants will be trained to use HBS model of process of project management through: <ul style="list-style-type: none"> • Defining and organizing of projects • Planning of projects • Monitoring of stage of project 			
Topic 4: Techniques of project planning	Number of hours	4	
Participants will be introduced with line and net techniques of project planning: <ul style="list-style-type: none"> • Gantograms, Orthogonal plan and Ciklograms • Critical Path Method, CPM and Project Evaluation and Review Technique, PERT. 			

Portfolio assessment

Acquired knowledge and skills will be checked by written exam. At the exam each correct answer is scored, while incorrect answers are not penalized. The exam can be repeated once.

The final grade is obtained on the basis of collected points. The final grade is derived as follows:

- 80-100% of the collected points - PASSED
- 65-79% of collected points - GOOD
- 50-64% of collected points - EXCELLENT