

# PROGRAMM OF LLL COURSE “PROJECT MANAGEMENT”

## COURSE SCHEDULE

This document aims to be a means to provide a detailed distribution of the workload, including the timeframe for activities.

Course Name	PROJECT MANAGEMENT	
Edition	Total hours	90 hour (3 ECTS) = 2 hour introduction+2 hour for test – face –to-face AND 86 hour – on-line. 1 hour per day = 86 days = 3 month.

MONTH   YEAR	FEBRUARY 2016																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	30
Consultation F2F																														TEST

MONTH   YEAR	MARCH 2016																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	30
																														TEST

MONTH   YEAR	APRIL 2016																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	30
																														TEST F2F

## CONTENT

This document aims to place content within a certain module or topic. It also structures the way this content will be organized and presented.

COURSE NAME	PROJECT MANAGEMENT
MODULE	1. Introduction to project management. The complex of PM.
TOPIC	1.1. Introduction to the study process using Moodle platform 1.2. Basic concepts of project management. Basic project management competence. Staff project product. Model CMM. 1.3. The life cycle of software development projects. 1.4. Process Management and Review of subject area processes. Models of project selection. 1.5. The processes of PM. Group processes: initiation, planning, execution, monitoring and management, end interaction. 1.6. Management of project integration. Development: Statute of the project, preliminary project scope statement, the project management plan. Tools and methods for monitoring and management of the project. Completion of the project.1.1. Introduction to the study process using Moodle platform
NOTES	

### CONTENT 1 | 1

Texts, images, examples were used to present and explain concepts of how to used Moodle platform for study process.

### CONTENT 1 | 2

Texts, images, diagrams and examples were used to present and explain concepts of Basic project management competence, of staff project product. Model CMM.

### CONTENT 1 | 3

Texts, images, diagrams, examples, links to books and documents were used to present and explain concepts of life cycle of software development projects.

### CONTENT 1 | 4

Texts, images, examples, links to books and documents were used to present and explain concepts of Process Management and Review of subject area processes.

### CONTENT 1 | 5

Texts, images links to books and documents were used to present and explain concepts of PM processes.

### CONTENT 1 | 6

Texts, images, links to books and documents were used to present and explain concepts Management of project integration.

COURSE NAME	PROJECT MANAGEMENT
MODULE	<b>2. Management of cost, duration and human resource in project.</b>
TOPIC	2.1. Management Project. The content of the product and project. WBS. 2.2. Management of the project time. The methods of making schedule (critical path method). 2.3. Method the precedence. The method of planning the incident wave. Method of pointer charts. 2.4. Cost Management project. Tools and methods of determining the cost of the project. Analysis of performance measurement project. 2.5. Human resources management project. 2.6. SWOT-analysis - a tool of strategic management.
NOTES	

### CONTENT 2 | 1

Texts, images, diagrams and examples were used to present and explain concepts WBS.

### CONTENT 2 | 2

Texts, diagrams, examples, links to books and documents were used to present and explain concepts methods of making schedule.

### CONTENT 2 | 3

Texts, diagrams, examples, links to books and documents were used to present and explain concepts methods of planning.

### CONTENT 2 | 4

Texts, diagrams, images, tables, examples, links to books and documents were used to present and explain concepts tools and methods of determining the cost of the project.

### CONTENT 2 | 5

Texts, diagrams, tables, examples, links to books and documents were used to present and explain concepts human resources needs.

### CONTENT 2 | 6

Texts, diagrams, tables, examples, links to books and documents were used to present and explain concepts SWOT-analysis.

<i>COURSE NAME</i>	<b>PROJECT MANAGEMENT</b>
<i>MODULE</i>	<b>3. Assessment of the duration and cost of software development.</b>
<i>TOPIC</i>	3.1. Structure of work breakdown structure (WBS). List of tasks. 3.2. Assessment size and reuse of software. 3.3. Distribution costs in traditional costing and operational-oriented tool. 3.4. Methods of assessing the duration of software development. 3.5. The methods of assessing the value software development.
<i>NOTES</i>	

### CONTENT 3 | 1

Texts, diagrams and examples were used to present and explain concepts list of task in WBS.

### CONTENT 3 | 2

Texts, diagrams, tables, examples, links to books and documents were used to present and explain concepts assessment size and reuse of software

### CONTENT 3 | 3

Texts, diagrams, tables, examples, links to books and documents were used to present and explain the distribution costs for IT Project

### CONTENT 3 | 4

Texts, images, tables, examples, links to books and documents were used to present and explain the methods of assessing the duration of software development.

### CONTENT 3 | 5

Texts, images, tables, examples, links to books and documents were used to present and explain the methods of assessing the value software development

## SUPPORT RESOURCES

This document provides a means to organize and allocate resources to a specific module or topic. Different types of resources may be available to students. The resources available in one specific module or topic may depend on the aims and the type of contents, as well as the type of activities requested.

COURSE NAME	PROJECT MANAGEMENT
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## RESOURCES

TEXTS	Lectures regarding of this course (pdf format)	<input type="checkbox"/> MODULE <nº1 –3>
	Methodological guidelines for laboratory and practical works of this course	<input type="checkbox"/> TOPIC <nº1.2 – 3.5>
BOOKS	1. Fatrell, Robert T. Software project management. Achieving optimum quality at the lowest cost. [Text]: Book / Robert T. Fatrell, Donald F. Shafer, Linda I. Shafer.- M-SPb-K: Williams, 2004.- 1136p.	<input type="checkbox"/> MODULE <nº1 – 3> <input type="checkbox"/> TOPIC <nº1.2 – 3.5>
	2. Archipenko, S. Lectures on software project management. [Text]:Book / S.Arhipenkov.-M, 2009.-128p.	<input type="checkbox"/> MODULE <nº1> <input type="checkbox"/> TOPIC <nº1.3 – 1.5>
	3. Marmal, Elaine. Microsoft Project 2007. The Bible by [Text]:Book / Elaine Marmel. M: Williams, 2008.-800p.	<input type="checkbox"/> MODULE <nº2> <input type="checkbox"/> TOPIC <nº2.1 – 2.5>
	4. American National Standard ANSI / PMI 99-001-2004. Guide to the Management Body of Knowledge project. [Text]. -Enter. 2004.- Third Edition. (Manual PMBOOK®). – 401p.	<input type="checkbox"/> MODULE <nº1,2> <input type="checkbox"/> TOPIC <nº1.2 – 2.6>
	5. Berkun, Scott. The art of managing IT-projects. 2nd ed. [Text]:Book / Scott Berkun.- M: Peter, 2011.-432p.	<input type="checkbox"/> MODULE <nº1 –3> <input type="checkbox"/> TOPIC <nº1.2 –3.5>
	6. Management processes. [Text]:Book /. Ed. J. Becker, L. Vilkova, etc ..- M. Eksmo, 2007.-384p.	<input type="checkbox"/> MODULE <nº2> <input type="checkbox"/> TOPIC <nº2.1 – 2.6>
ARTICLES	1. Project Management Institute (PMI). [Electron resource] .- access modes: <a href="http://www.pmi.org/About-Us/Press-Media-Kit.aspx">http://www.pmi.org/About-Us/Press-Media-Kit.aspx</a>	<input type="checkbox"/> MODULE <nº1 – 3> <input type="checkbox"/> TOPIC <nº1.2 – 3.5>
WEBSITES	1. Microsoft Project 2003/2007/2013 course certification materials. Trainer kit. [Electron resource] .- access modes: <a href="http://www.cheltenhamcourseware.com/">http://www.cheltenhamcourseware.com/</a>	<input type="checkbox"/> MODULE < nº1 – 3> <input type="checkbox"/> TOPIC <nº1.2 – 3.6>
	2. IT project management. [Electron resource] .- access modes: <a href="http://www.slideshare.net/koltunova/it-project-management?qid=cd12d592-ee43-459b-9b4c-2805e60025be&amp;v=qf1&amp;b=&amp;from_search=16">http://www.slideshare.net/koltunova/it-project-management?qid=cd12d592-ee43-459b-9b4c-2805e60025be&amp;v=qf1&amp;b=&amp;from_search=16</a>	
	3. Requirements management in Agile. [Electron resource] .- access modes: <a href="http://www.slideshare.net/Geeks_Lab/4-39090653?qid=cd12d592-ee43-459b-9b4c-2805e60025be&amp;v=default&amp;b=&amp;from_search=35">http://www.slideshare.net/Geeks_Lab/4-39090653?qid=cd12d592-ee43-459b-9b4c-2805e60025be&amp;v=default&amp;b=&amp;from_search=35</a>	<input type="checkbox"/> MODULE < nº1> <input type="checkbox"/> TOPIC <nº1.2 – 1.6>
	4. Project management in IT. [Electron resource] .- access modes: <a href="http://www.slideshare.net/PMIufa/pmi-2010-0526?qid=cd12d592-ee43-459b-9b4c-2805e60025be&amp;v=qf1&amp;b=&amp;from_search=59">http://www.slideshare.net/PMIufa/pmi-2010-0526?qid=cd12d592-ee43-459b-9b4c-2805e60025be&amp;v=qf1&amp;b=&amp;from_search=59</a>	<input type="checkbox"/> MODULE < nº1> <input type="checkbox"/> TOPIC <nº1.2 – 1.6>

## ACTIVITIES PLAN

This document includes all the activities of the course, providing an overview of the tasks the student will have to perform.

<i>COURSE NAME</i>	<i>PROJECT MANAGEMENT</i>
<i>DATE</i>	1.02.2016 - 30.04.2016

### Module 1. Introduction to project management. The complex of PM.

No.	Activity Name	Typology	Start date	End date	Weight in Assessment
1.1	Individual	Listening the information, the work in an Moodle platform, discussion question-answer	1/02/2016	1/02/2016	
1.2	Individual	To read, make excercises	2/02/2016	6/02/2016	4 / 33
1.3	Individual	To read, make excercises, file submission	7/02/2016	11/02/2016	4 / 33
1.4	Colaboration. Team work	To read. Group work: make common excercises using forum in Moodle	12/02/2016	16/02/2016	6 / 33
1.5	Colaboration. Team work	To read. Group work: make common excercises using forum in Moodle, file submission	17/02/2016	22/02/2016	6 / 33
1.6	Individual	To read, make excercises, file submission	23/02/2016	27/02/2016	4 / 33
	On-line test of Module 1	Test	28/02/2016	28/02/2016	9 / 33

### Module 2. Management of cost, duration and human resource in project.

No.	Activity Name	Typology	Start date	End date	Weight in Assessment
2.1	Individual	To read, make excercises.	1/03/2016	4/03/2016	3 / 33
2.2	Individual	To read, make excercises, file submission	5/03/2016	9/03/2016	4 / 33
2.3	Individual	To read, make excercises.	10/03/2016	14/03/2016	3 / 33
2.4	Individual	To read, make excercises, file submission	15/03/2016	19/03/2016	4 / 33
2.5	Individual	To read, make excercises.	20/03/2016	24/03/2016	3 / 33
2.6	Colaboration. Team work	To read. Group work: make common excercises using forum in Moodle, file submission.	25/03/2016	28/03/2016	7 / 33
	On-line test of Module 1	Test	29/03/2016	29/03/2016	9 / 33

### Module 3. Assessment of the duration and cost of software development.

No.	Activity Name	Typology	Start date	End date	Weight in Assessment
3.1	Colaboration. Team work	To read. Group work: make common excercises using forum in Moodle	1/04/2016	5/04/2016	6 / 34
3.2	Individual	To read, make excercises, file submission	6/04/2016	10/04/2016	4 / 34
3.3	Individual	To read, make excercises, file submission	11/04/2016	16/04/2016	4 / 34
3.4	Individual	To read, make excercises, file submission	17/04/2016	22/04/2016	4 / 34
3.5	Individual	To read, make excercises, file submission	23/04/2016	28/04/2016	4 / 34
	Test F2F	Test	29/04/2016	29/04/2016	12 / 34
	TOTAL				100