

The study guide for the course

PROJECT MANAGEMENT , S190M016

Kaunas University of Technology, Lithuania

1. Subject Identification

NAME	Project Management		CODE	S190M016
DEGREE	Master	CENTER	School of Economics and Business	
TYPE	Compulsory	E.C.T.S.	6	
PERIOD	Semester	LANGUAGE	English	
COORDINATOR LECTURER		PHONE/EMAIL		ADDRESS
Ruta Ciutiene		ruta.ciutiene@ktu.lt		Laisves av.55, Kaunas, Lithuania
OTHER LECTURERS		PHONE/EMAIL		ADDRESS
Vytautas Stankevicius		Vytautas.stankevicius@ktu.lt		Laisves av.55, Kaunas, Lithuania

2. Context Degree

Project Management course (6 ECTS) is a part of the Applied Physics degree. Other related subjects are *Engineering Projects Management; Strategic Project Management; Risk and Quality Management in Projects*.

The subject is compulsory and is taught during the second semester of the first year of the Degree in Applied Physics.

It has 6 ECTS credits, which represent a total of 160 hours, 24 on-campus activities hours and 136 self-study hours.

3. Requirements

To take this course, it is recommended to have successfully acquired the learning objectives established in the basic subjects of Economics and management study programs (*E.g. Management, Planning, Quality Management and others*)

4. Competencies and Learning Outcomes

Project Management Course (module) Learning Outcomes:

No.	Learning Outcomes
1	Have contemporary knowledge about projects management theories
2	Are able to identify problems need to use project management methods
3	Know project initiation processes
4	Is able to designe project charter
5	Has competence in application project monitoring, control and regulation methods
6	Have competence to select methods of project risk management
7	Have competence to select methods of project quality management
8	Are able to manage project team
9	Have knowledge in project portfolio designe
10	Know modern project management tendencies

5. Syllabus

No.	Sections and themes
1.	Projects in contemporary organization startegy
2.	Project's and their management enviroment
2.1	Conception of a "Project"
2.2	Conception of a "Project management"
3.	Project management processes and knowledge areas
3.1	Project management processes
3.2	Project quality management
3.3	Project risk management
3.4	Project human resource management
3.5	Project portfolio and programmms management
3.6	Project management communication systems

No.	Sections and themes
4.	Project management problems and perspectives
4.1	International projects management
4.2	Project management perspectives

6. Working plan and methodology

The main course topics and assignments are:

Content (topics)	Study week	Meetings/lectures	Assignments
1. PROJECTS IN CONTEMPORARY ORGANIZATION STRATEGY			
1.1. Why do we need projects	1 week	29/09 Monday 14.00-14.45 hour CET	
1.2. Projects and strategy			
2. PROJECT'S AND THEIR MANAGEMENT ENVIROMENT	2 week	06/10 Monday 14.00-14.45 hour CET	Famous projects in my country
2.1. Project conception 2.2. Project management conception			
3. PROJECT MANAGEMENT PROCESSES AND KNOWLEDGE AREAS			
3.1. Project management processes: Initiation	3 week	13/10 Monday 14.00-14.45 hour CET	Tree of problems Problems evaluation Project stakeholders
3.2. Project management processes: Planing			
3.3. Project management processes: Execution	4 week	20/10 Monday 14.00-14.45 hour CET	Project chart: the main aim, WBS, results, time planning, budget.
Mid-term exam (Test)	5 week	27/10 Monday 14.00-14.45 hour CET	
3.4. Project management processes: Monitoring and controlling. 3.5. Project management processes: Closing 3.6. Quality management in projects	6 week	03/11 Monday 14.00-14.45 hour CET Online Test (restricted time)	Project chart: the main aim, WBS, results, time planning, budget. Quality plan
3.7. Risk management in projects 3.8. Project HR mangement			
3.7. Risk management in projects 3.8. Project HR mangement	7 week	17/11 Monday 14.00-14.45 hour CET	Risk identification Matrix of responsibilities
4. PROJECT MANAGEMENT PROBLEMS AND PERSPECTIVES	8 week	01/12 Monday 14.00-14.45 hour CET	Project presentation
4.1. International projects management			

4.2. Project portfolio management			
Examination	9 week	15/12 Monday 14.00-14.45 hour CET	

Students will carry out face-to-face and self-study works and teachers will supervise these activities.

Teaching activities will be of one of these types:

- Lectures, where to establish fundamental contents and where the student will be guide for their self-study activities.
- Workshops and seminars, to drive the student through active and collaborative learning, integrating lectures and virtual campus work.
- Evaluation Sessions, examinations will be carried on in order to assess student acquisition of knowledge.

7. Learning material

- scientific literature;
- literature review presentation;
- video lectures and online consultations in virtual learning environment;
- practical tasks and group work;
- discussion forums;
- case analysis;
- additional interesting and useful literature;

8. Methodology

The student will have access to the following contents:

1. **Learning Guide:** For **Project Management** . It describes the basic theoretical elements that will be dealt with in the online lectures.
2. **Learning Objects:** Basically, the learning objects are the contents of the guide, along with some additional elements (videos, audio, etc.) and the self-assessment tools. These objects will be available in the Virtual Campus.
3. **Additional books and readings:** These are references to other additional learning contents that expand those of the Guide and the Learning Objects.

The working method of this subject is described below:

1. The student has to revise theoretical material before a theoretical lecture on line.
2. During on line lecture theoretical issues will be discussed. The student has to participate actively in discussion, share experience and analyse practical examples.
3. All lectures are related and aligned with practical task. Practical task "Project" will be prepared in teams.
4. List of additional readings is provided.
5. One week before mid-term exam and final exam the student will be able to make self-assessment tests on the Virtual Campus.
6. Completed practical task "Project" has to be submitted and presented on line one week before exam.

9. Learning Assessment

Schedule of individual work tasks and their influence on final grade

	<i>Nº. of syllabus</i>	<i>Influence on grade, %</i>	<i>Week of task presentation</i>
Literature reviewing/ presentation (individual work)	1-2	20	2
Mid term exam	1-3.3	20	5
Group Work	2-6	30	4,6,7,8
Exam	3.4-4.2.	20	9
Total:	-	100	

10. Resources, bibliography and complementary documentation

1. Strategic Project Management. (2012). Paul Roberts. Publisher: Kogan Page, Ltd .
2. Meredith, Jack R.(2012). Project management : a managerial approach .
3. Wysocki, Robert K. (2012).Effective project management : traditional, agile, extreme .
4. A guide to the project management body of knowledge. (PMBOK® Guide). 5th ed. 2013.
5. Kerzner, H., Wiley, J. & sons. (2009). Project Management. A Systems Approach to Planning, Scheduling, and Controlling. 10th edition. Inc.
6. Project Management. 9th Edition. Dennis Lock . 2007.
7. Strategic project portfolio management. (2010). Moore Simon.
8. Kerzner, H. (2009, April). Project Management Case Studies, 3rd Editon.
9. Kerzner, H. (2006). Project Management Best Practices: Achieving Global Excellence.
10. Turney R., Huemann M., Anbari F., Bredillet Ch. (2010). Perspectives on Projects. Routledge.
11. Vysocki, R. K. (2009). Effective Project Management. Traditional, Agile, Extreme. Fifth Editon.
12. A Guide to the Project Management Body of Knowledge (PMBOK.) 5 edition. 2012.