

POLITEHNICA University of Bucharest (**UPB**)
 Faculty of Industrial Engineering and Robotics (**IIR**)
 Study Programme: Industrial Engineering (**IE**)
 Form of study: Licence (Bachelor)

COURSE SPECIFICATION

Course title:	SYSTEM AND PROJECT MANAGEMENT	Semester:	5
Course code:	UPB.06. S.05.O.003	Credits (ECTS):	6

Course structure	Lecture	Seminar	Laboratory	Project	Total hours
<i>Number of hours per week</i>	2			2	4
<i>Number of hours per semester</i>	28			28	56

Lecturer	Lecture	Seminar / Laboratory / Project
<i>Name, academic degree</i>	Associate professor Maria Magdalena ROȘU	Associate professor Maria Magdalena ROȘU
<i>Contact (email, location)</i>	magdalena.rosu@upb.ro CB 111	magdalena.rosu@upb.ro

Course description:

The main objective of the course is to gain basic knowledge on the initiation, planning, execution, monitoring and control of production projects.
 Such students will gain skills on initiating and releasing projects in framework of production systems. For this purpose they will gain skills for formalization of a project, project planning activities, programming activities, take into account the resources allocated for project. By completing of this course students will gain communication skills and teamwork skills.

Seminar / Laboratory / Project description:

In framework of project activities meeting the students will develop own project. For this project the students will define the project, will establish the activities of project, and will make the initial planning of activities and then scheduling of activities take into account the limited resources. In final part of project will be release the financial analyses of project.

Intended learning outcomes:

Study thoroughly of bases knowledge's, of operational and strategically techniques and methods for Project Management
 Acquiring of managerial ability for elaboration, implementation and monitoring of Systems and Project Management

Communication capacity, negotiation and coordination develop in work team
 Identifies the priorities in scheduling of projects activities and identifies the exploitation opportunity of these in economic efficiency conditions
 Analyses of Systems and Project Management, resources allocation, task plans and work program elaboration

Assessment method:	% of the final grade	Minimal requirements for award of credits
Written exam	40	20
Report / project	40	20
Homework		
Laboratory		
Other	20	10

References:

1. ROȘU, M., TARBA, C., NEAGU, C., Managementul proiectelor. Elemente teoretice și aplicative, Ed. PRINTECH, 2014
2. ROȘU, M., NEAGU, C., Managementul proiectelor, Ed. PRINTECH, 2014
3. Hamilton, A. Management by project. Achieving success in a changing world. Oak Tree Press. Dublin, 1997
4. Look D. Project management, Sixth Edition, Gower, 1996;
5. Krezner, H., Project management – A system approach to Planning, Scheduling and Controlling, PhD Thesis, 1992.
6. Meredith, J., Project management – A managerial Approaches, John Willey and Sons, New York, 1995
7. Morris, Peter W.G. The management of project, American Society of Civil Engineers, 1994

Prerequisites:

Co-requisites

(courses to be taken in parallel as a condition for enrolment):

Communication, Probability and Statistics, Economics

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Additional relevant information:

Date: 09/07/2016 Associate professor PhD Eng. Maria Magdalena ROȘU