

University POLITEHNICA of Bucharest

Faculty of Industrial Engineering & Robotics

Study programme: Industrial Engineering

Form of study: Bachelor

### COURSE SPECIFICATION

<b>Course title</b>	<b>Systems and Project Management</b>	<b>Semester</b>	<b>5</b>
<b>Course code</b>	<b>UPB.06.S.05.O.003</b>	<b>ECTS</b>	<b>6</b>

<b>Course structure</b>	<b>Lecture</b>	<b>Seminar</b>	<b>Laboratory</b>	<b>Project</b>	<b>Total hours</b>
<b>No. of hours/ week</b>	<b>2</b>			<b>2</b>	<b>4</b>
<b>No. of hours/ semester</b>	<b>28</b>			<b>28</b>	<b>56</b>

<b>Lecturer</b>	<b>Lecture</b>	<b>Seminar</b>	<b>Laboratory</b>	<b>Project</b>
<b>Name, academic degree</b>	<b>Maria Magdalena ROȘU, Associate professor, PhD</b>			<b>Maria Magdalena ROȘU, Associate professor, PhD</b>
<b>Contact (E-mail, location)</b>	<b><a href="mailto:magdalena.rosu@upb.ro">magdalena.rosu@upb.ro</a>, CB 111b</b>			<b><a href="mailto:magdalena.rosu@upb.ro">magdalena.rosu@upb.ro</a>, CB 111b</b>

- **Course description (max: 200 words)** *Study thoroughly of bases knowledge's, of operational and strategically techniques and methods for Systems and Project Management; Acquiring of managerial ability for elaboration, implementation and monitoring of projects; Communication capacity, negotiation and coordination develop in work team.*

**Seminar description (max: 200 words)**

**Laboratory description (max. 200 words)**

- **Project description (max. 200 words)** *Setting knowledges for project initiation planning and scheduling activities on allocated resources, project activities budgeting, monitoring and control in project implementation phase; Setting practical knowledges for project optimum working program; Setting practical knowledges for budget project establish.*

<b>Assessment methods</b>	<b>Percentage of the final grade</b>	<b>Minimal requirements for award of credits</b>
<b>Written exam</b>	<b>40%</b>	<b>20%</b>
<b>Report/ Project</b>	<b>40%</b>	<b>20%</b>
<b>Homework</b>	<b>20%</b>	<b>10%</b>
<b>Laboratory</b>		

**References**

[1] PMBook, A guide to the Project Management Body of Knowledge (PMBok Guide) – Fifth Edition, 2013

[2] Chvidchenco, I. Chevallier, J. Conduite et gestion de projets. Cepadules -Editions. Paris, 1994

Hamilton, A. Management by project. Achieving success in a changing world. Oak Tree Press. Dublin, 1997

[3] Look D. Project management, Sixth Edition, Gower, 1996;

[4] Krezner, H., Project management – A system approach to Planning, Scheduling and Controlling, PhD Thesis, 1992.

[5] Meredith, J., Project management – A managerial Approaches, John Willey and Sons, New York, 1995

[6] 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)
Probability and Statistics, Economics	-

**Additional relevant information: -**

**Date: 17<sup>th</sup> May 2022**