

POLITEHNICA University of Bucharest (**UPB**)
 Faculty of Engineering and Management of Technological Systems (**IMST**)
 Study Programme: Industrial Engineering (**IE**)
 Form of study: Licence (Bachelor)

COURSE SPECIFICATION

Course title:	Industrial Logistics	Semester:	7
Course code:	UPB.06.S.07.O.002	Credits (ECTS):	7

Course structure	Lecture	Seminar	Laboratory	Project	Total hours
<i>Number of hours per week</i>	2		2	2	6
<i>Number of hours per semester</i>	28		28	28	84

Lecturer	Lecture	Laboratory / Project
<i>Name, academic degree</i>	Marius Daniel PARASCHIV, Lecturer, PhD	Marius Daniel PARASCHIV, Lecturer, PhD
<i>Contact (email, location)</i>	marius.paraschiv@upb. ro	marius.paraschiv@upb.ro

Course description:
<p>Presentation of the fundamental notions of industrial logistics. Presenting the main activities related to the industrial logistics and of the relationship between the industrial logistics and the production environment and detailed the following points:</p> <ul style="list-style-type: none"> Introduction in Logistics Elements of general Logistics Modern industrial Logistics Enterprise Resource Planning (ERP) Industrial Sensors ATT systems in Logistics Barcodes identification Identification systems Packaging systems Packing systems Marking systems Palletizing systems Wrapping systems Storage in industrial logistics
Seminar / Laboratory / Project description:
<p>For laboratory activities: presentation theoretical and real ATT systems, identification systems, industrial sensors, PLC`s, storage systems, packing systems, sorting systems, palletizing and wrapping and components assembly systems</p> <p>For project activities: Making 3D design of a conveyor</p>

Intended learning outcomes:

Students will be able to realized and understanding how it works and how can implement a industrial logistic structure on as product distribution, transportation management, supply chain, inventory control, and customer service.

Assessment method:	% of the final grade	Minimal requirements for award of credits
Written exam	40	50%
Project	40	50%
Laboratory	20	50%

References:

1. Logistica intreprinderilor industriale, Enciu George, Editura Fair Partners, Bucuresti 2011
2. Business Logistics Management: Teory and Practice, JJ Vogt, WJ Pienaar, PWC de Wit, Oxford University Press, Southern Africa 2002

Prerequisites:**Co-requisites**

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

Additional relevant information:

Date: 25.07.2016

Lecturer. Ph.D. Eng. Marius-Daniel PARASCHIV