

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

<b>Course title:</b>	<b>INTERNSHIP LAB</b>	<b>Semester:</b>	7
<b>Course code:</b>	UPB.06.S.07.A.007	<b>Credits (ECTS):</b>	3

<b>Course structure</b>	Lecture	Seminar	Laboratory	Project	Total hours
<i>Number of hours per week</i>			2		2
<i>Number of hours per semester</i>			28		28
<b>Lecturer</b>	Lecture		Seminar / Laboratory / Project		
<i>Name, academic degree</i>	-				
<i>Contact (email, location)</i>	-				
<b>Course description:</b>					
<b>Seminar / Laboratory / Project description:</b>					
<p>Preparation and mastering a set of lucrative skills that foster the development of creative and practical implementation capacities of product development projects.</p> <p>Introduction, familiarization and learning of some practical skills involving manual work and operation of tools, equipment, work equipment and machine tools.</p> <p>Knowledge and familiarity with a set of practical representative situations of the productive process: training/ information semi-fabrication, processing, inspection/ control, operating assembly equipment, etc.</p> <p>Practice and testing of engineering type decision-making capacity for practical situations and cases.</p>					
<b>Intended learning outcomes:</b>					
<p>General knowledge and circulated information into the lucrative process.</p> <p>Knowledge and basic practice of lucrative activities from operating processes for prefabrication, mechanized tools, drilling, turning, planning, milling, grinding, plastic deformation, welding, prototyping, assembly, inspection and control equipments.</p>					

<b>Assessment method:</b>	<b>% of the final grade</b>	<b>Minimal requirements for award of credits</b>
Final exam	20	
Report / project	10	5
Homework		
Laboratory	60	50
Other- oral and practical	10	5

### **References:**

[1] Internship Lab: support material for students use (electronic or/and printed material), IMST/UPB

### **Prerequisites:**

*(as many as possible from the following list)*

English language  
 Materials Science  
 Technical Drawing  
 Materials Technology, Machine Tools  
 Manufacturing Processes 1,  
 Manufacturing Processes 2  
 Production and Operation  
 Management

### **Co-requisites**

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

### **Additional relevant information:**

Working in couple students team.  
 Rotating for completion of all proposed topics confirmed on individual chart.  
 Evaluation by assessment and scoring for each applicative session.

Date: 07.07. 2016

Professional degree, Surname, Name: