1011105341011111178

Course (compulsory, elective)

obligatory

4

2/4

Year /Semester

No. of credits

Production Management

Name of the module/subject

Elective path/specialty

12

Field of study

Cycle of study:

No. of hours

Lecture:

Engineering Management - Part-time studies -

First-cycle studies

Classes:

Status of the course in the study program (Basic, major, other)

10 Laboratory:

Educa-	(brak)		(brak)			
Educa	ation areas and fields of s	science and art		ECTS distribution (number and %)		
Res	ponsible for sub	oject / lecturer:	Responsible for subje	ect / lecturer:		
dr	inż. Agnieszka Grzelo	czak	dr inż. Agnieszka Grzelcza	ak		
	email: agnieszka.grzelczak@put.poznan.pl		email: agnieszka.grzelczak@put.poznan.pl			
	I. 61 665 33 69 aculty of Engineering N	Management		tel. 61 665 33 69 Faculty of Engineering Management		
	. Strzelecka 11 60-965	•	ul. Strzelecka 11 60-965 F	•		
Prer	requisites in teri	ms of knowledge, sk	ills and social competencies	:		
1	Knowledge	The student has a basic and organization of work	knowledge of the technology used an k stations.	d the basis for the management		
2	Skills	The student understands and can apply the parametric description of the process and the design of the production system and the organization of work stations.				
		The student understands and is prepared for production management especially in the design of the organization of production.				
3	Social competencies			gement especially in the design		
	competencies		oduction.	gement especially in the design		
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STUDY MODULE DESCRIPTION FORM

Profile of study

Subject offered in:

Form of study (full-time,part-time)

Project/seminars:

(brak)

(general academic, practical)

Polish

(university-wide, from another field)

part-time

Faculty of Engineering Management

Forming Rating:

Exercise: Based on the assessment of the progress of the task

Lectures: on the basis of answers to questions concerning the material discussed in the previous lectures.

Rating summary: Exercises: test Lectures: final grade

Course description

The essence of production management. Classification of business processes, the process organized. The parameters and norms of production management, space modeling of the manufacturing process, the control plane. The product (product or service), the basis of technical preparation of production, product range, the program, the pace and rhythm of production. The production cycle of the product performance. Inventories production and their functions. Production capacity, balancing the burden of production capacity. Management of production capacity, scheduling, production flow analysis. Fundamentals of production control.

Basic bibliography:

- 1. Organizacja i sterowanie produkcją, Brzeziński M, AW Placet, Warszawa, 2002
- 2. Inżynieria zarządzania, Durlik I., AMP WN, Katowice, 1993
- 3. Projektowanie struktur systemów produkcyjnych, Mazurczak J., WPP, Poznań, 2001
- 4. Zarządzanie. Produkcja i usługi, Muhlemann A., Oakland J., Lockyer K, PWN , Warszawa, 2001
- 5. Sterowanie przepływem produkcji, Senger Z, WPP, Poznań, 1998

Additional bibliography:

- 1. Zarządzanie produkcją, Głowacka D., Fertsch M., WSL, Poznań, 2004
- 2. Podstawowe zagadnienia zarządzania produkcją, Liwowski B., Kozłowski R., Oficyna Ekonomiczna, Kraków, 2006
- 3. Zarządzanie produkcją. Produkt, technologia, organizacja, Pająk E., PWN, Warszawa, 2006

Result of average student's workload

Activity	Time (working hours)
1. Participation in lectures	30
2. Participation in exercises and activities of project	30
3. Consultation	15
4. Independent problem solving	15
5. Preparing to pass	8
6. Pass	2

Student's workload

Source of workload	hours	ECTS
Total workload	70	4
Contact hours	22	2
Practical activities	30	1