

Dr Eliza Buszkowska

Adjunct in the Department of Economic Sciences

THE PROJEKT

**Syllabus for subject Production and Operations Management on the major
Management**

I. General Information

1. The name of educational module :
Production and Operations Management
2. Code of module:
10-ZPOw-z2-n
3. Type of module:
Obligatory
4. Major:
Management
5. Level of studies (I lub II stopień albo jednolite studia magisterskie):
I
6. Year of studies:
Fifth
7. Semester (zimowy lub letni):
Summer
8. Kind of classes :
**Stacjonarny studies: 40hours of lecture .
Nonstacjonary studies: 21 hours of lacture**
9. The numer of ECTS points:
10. First and second name , degree , , e-mail:
Dr Eliza Buszkowska (eliza_b2@o2.pl)
11. Language:
Polish

II. Detailed Information

1. The purpose of module:
Learning by student knowledge from Production and Operations Management. Abbility to solve tasks
2. Introductory requirements in area of knowlage, social skills.
Knowledge of mathematics, management and statistics on the level of performend courses
3. Educational effects in the area of knowlage, skills, social skills for module and major:

Symbol of effects of education	After examination student can:	Reference to education effects on the major
ZPO_01	know historical development and present state of production management	K_U01, K_W09
ZPO_02	know what is technical preparation of production	K_W01
ZPO_03	know what is constructional and technological documentation	
ZPO_04	know and can characterize forms of organization and preparation of production	
ZPO_05	know strategic and tactical aspects of production management	
ZPO_06	characterize flexible manufacturing systems	
ZPO_07	control production, create MPR schedule	K_U02, K_U06
ZPO_08	plan manufacturing – create schedules	K_U02, K_U06
ZPO_09	forecasting – apply different models of forecasting based on time serieses, calculate measures of accuracy of forecasts	K_U02, K_U04
ZPO_10	calculate and define reliability	K_U02
ZPO_11	know what is quality ond can control it	
ZPO_12	apply linear programming in management	K_U02, K_U04
ZPO_13	know problems involving human resources management nad WSH	K_K02
ZPO_14	know basic notions consiidering production management for example prodiction programme, series, batch	
ZPO_15	balance production tasks with production potential	K_U02

4. Educational contents:

Name of educational module: Production and Operations Management (ZPO)		
Symbol of educational content	Description of educational content	Reference to educational effects of module
TK_01	Historical development and present state of production management	ZPO_01
TK_02	Technical preparation of production	ZPO_02
TK_03	Constructional and technological documentation	ZPO_03

TK_04	Forms of organization and preparation of production	ZPO_04
TK_05	Strategic and tactical aspects of production management	ZPO_05
TK_06	Flexible manufacturing systems	ZPO_06
TK_07	MPR schedule	ZPO_07
TK_08	plan manufacturing – create schedule onward and backward	ZPO_08
TK_09	Forecasting	ZPO_09
TK_10	Reliability	ZPO_10
TK_11	Quality	ZPO_11
TK_12	Linear programming	ZPO_12
TK_13	Human resources management nad WSH	ZPO_13
TK_14	Basic notions considering production management	ZPO_14
TK_15	Balance production tasks with production potential	ZPO_15

5. Zalecana literatura:

Danuta Głowacka – Fertsch, Marek Fertsch: „ Zarządzanie produkcja” , publisher: Wyższa Szkoła Logistyki Poznań

Alan P. Muhlemann, John S. Oakland, Keith G. Lockyer „ Zarządzanie produkcja i usługi” publisher :Wydawnictwo Naukowe PWN Warszawa

Cecil Bozarth, Robert B. Handfiel:” Wprowadzenie do zarządzania operacjami i łańcuchem dostaw”, publisher: Wydawnictwo Helion Gliwice

III. Additional Information

1. Reference of educational effects and educational content to the ways of performing classes and methods of evaluation

Name of module: Production and Operations Management			
Symbol of education effect for module	Symbol of education contents realized during classes	Ways of performing classes	Methods of evaluation
ZPO_01-15	TK_01-15	Lecture	Written exam, additional points for activity on classes

2. ECTS points:

Name of module: Production and Operations Management (ZPO)	
Activity form	Medium numer of hours on realizing activity
Hours of classes according to a plan of studies with a teacher	stacjonary studiesstacjonarne: 40 hours of lecture nonstacjonary studies:21 hours of lecture

The own work of student (all form together)	stacjonarny studies: nonstacjonary studies:
Hours sum	
Total number of ECTS points for module	

3. Total quantitative indicators :

- a) numer of ECTS points , which którą student obtains on classes demand straightforward share of academic teachers.:
- b) number of points ECTS, which student obtains on practical classes such as exercises:

Student receive all ECTS points for passing all module Quality Management, for passing with positive note the examination.

4. Evaluating criterions:

We apply the following evaluating criterions:

- a) **abbility to use presented methods and tools**
- b) **knowlage of topics presented on lecture**

Eliza Buszkowska