

**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 ( <b>ZPO</b> )		
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: <b>Production and Operations Management (ZPO)</b>	
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***