

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Organization of Production and Logistics in Automotive Industry		Code 1011101351011114057
Field of study Engineering Management - Full-time studies -	Profile of study (general academic, practical) (brak)	Year /Semester 3 / 5
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: First-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 15 Classes: 15 Laboratory: - Project/seminars: -		No. of credits 4
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art		ECTS distribution (number and %)
Responsible for subject / lecturer: dr inż. Paulina Golińska-Dawson email: paulina.golinska@put.poznan.pl tel. 61 6653401 Faculty of Engineering Management ul. Strzelecka 11 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge of the organization of production and logistics fundamentals
2	Skills	student has the ability to perceive, to associate and interpret phenomena in organizations can take advantage of the fundamental information technologies for the management
3	Social competencies	student is aware of the consequences of their decisions and is prepared to take on social responsibility for decisions
Assumptions and objectives of the course: -To familiarize students with the principles of the organization of production and logistics in the automotive industry. Familiarize students with the fundamental techniques used in this area		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. have a basic understanding of the life cycle of industrial products - [K02-lnzA_W01]		
2. has a basic knowledge of management, including quality management, and business - [K06-lnzA_W04]		
Skills:		
1. can-when formulating and solving engineering tasks to see their system aspects, socio-technical, organizational and economic and non-technical - [K01-lnzA_U3]		
Social competencies:		
1. is aware that the creation of products to satisfy the needs of users requires a system approach in terms of the technical, economic, marketing, legal, organizational and financial - [K01-lnzA_K2]		
Assessment methods of study outcomes		
-Written test for the lecture and exercises		
Course description		

-The lecture begins with a short presentation of the car as an industrial product (complexity, applied technology, basic units), and the process of its design. Will be presented typical assembly systems, assembly line organization and the organization of a plant producing cars. The deals with the process of planning and control at the plant producing cars. You will then be presented to the planning material requirements for the production of cars. It will explore various options of procurement, including: suppliers parks, just-in-time and just-in-sequence deliveries. The scope covers also organization of the end-of-life vehicles management.

At exercises class students become familiar with the specific problems of the organization of automobile assembly line, production planning and control and the organization of supplies in different variants.

Basic bibliography:

1. Golinska P., Fertsch M. Organizacja produkcji i logistyki w przemyśle samochodowym, wyd. PP, Poznań 2012

Additional bibliography:

Result of average student's workload

Activity	Time (working hours)
1. An analysis of the manufacturing system and logistics system in the automotive industry	70

Student's workload		
Source of workload	hours	ECTS
Total workload	100	4
Contact hours	30	1
Practical activities	70	3