

01S1-ZAP

PRODUCTION MANAGEMENT

ECTS: 2.0

HOURS PER SEMESTER/WEEK: LECTURES: 15/1; CLASSES: 15/1

COURSE CONTENTS

LECTURES: Production management - introduction. Production and its types. Efficiency and its types. Financial and non-financial indicators of effectiveness measurement. Costs and their classification. Financial result. Substitution of production factors. Agricultural production function. Input-product relationship. Unit cost. Logistic processes. The market of production factors. JIT (Just-in-Time) concept. Quality management.

CLASSES: Preparation of a sample production project. The structure of the production process in terms of technology, subject matter and processing. The essence and scope of production preparation. Place of preparation of production in the activity of the enterprise. The influence of technical progress on production. Technical preparation of production. Organization of production. Basic documents in the field of production planning. Production planning based on external orders. Planning of serial and individual production. Organizing the production process. Assessment of the strengths and weaknesses of the products. Controlling production processes. Marketing mix of the production company.

EDUCATIONAL PURPOSE: To acquaint students with the basic issues of production management.

LEARNING OUTCOMES

Knowledge. Student has basic knowledge of the production process in the enterprise. He knows the methods of planning and organizing production.

Skills. Student can prepare the production process and assess the strengths and weaknesses of products.

Social competences. Student recognizes the potential of knowledge about the production process in the enterprise. He is aware of the importance of teamwork.

TEACHING FORMS AND METHODS

Lectures. Information lecture with multimedia presentation.

Classes. Project exercises: project preparation.

FORM AND CONDITIONS FOR VERIFICATION OF LEARNING OUTCOMES

Lectures. Assessment of work and cooperation in a group. Student activity during classes..

Classes. Preparation of the project and its presentation.

BASIC LITERATURE

1) Pająk E. - Zarządzanie produkcją. Wydawnictwo PWN Warszawa, 2006, 2) Szatkowski K. - Przygotowanie produkcji. Wydawnictwo PWN Warszawa, 2008.

ADDITIONAL LITERATURE

1) Kosieradzka A. (red.) - Podstawy zarządzania produkcją - ćwiczenia. Oficyna Wydawnicza Politechniki Warszawskiej , Warszawa 2016.

THE TEACHER/S CONDUCTING THE CLASSES:

dr Aneta BEŁDYCKA-BÓRAWSKA aneta.beldycka-borawska@uwm.edu.pl

Department of Agrotechnology and Agribusiness

Oczapowskiego 8, 10-719 Olsztyn, POLAND