

## **Agricultural machinery (IIInd Year of study, IVth Semester)**

**Credit value (ECTS) 4**

**Course category**

Domain (Imposed)

**Discipline code**

A.EMIAIA.D.207

**Course holder**

Vlad Nicolae ARSENOAIA

### **Discipline objectives (course and practical works)**

Within the course and practical works, the aim is for students to acquire the theoretical and practical foundation regarding agricultural machinery.

### **Contents (syllabus)**

<b>Course (chapters/subchapters)</b>
Tools, equipment, agricultural implements
Working capacity of equipment
Agricultural equipment for soil preparation
Seeding machines
Planting machines

<b>Practical works</b>
Plows
Subsoilers
Disc harrows
Cultivators
Agricultural rotary tillers
Mounted seed drills for cereals
Mounted seed drills for row crops
Trailed seed drills for cereals
Trailed seed drills for row crops
Potato planting machines
Final colloquium for knowledge assessment

### **References**

1. Mircea Badescu, Sorin Boruz 2015 - Masini agricole si horticole, Edit. Sitech
2. Cazacu Dan și colaboratorii, 2017 - Tractorul pe înțelesul tuturor. Editura PIM, Iași

3. Cazacu Dan, Rosca R., 2015 - Construcția tractoarelor , editia I. Editura Ion Ionescu de la Brad

### **Evaluation**

<b>Evaluation form</b>	<b>Evaluation Methods</b>	<b>Percentage of the final grade</b>
Exam	Written examination	80%
Appreciation of the activity during the semester	Oral assessment during the semester, verification tests and final laboratory colloquium.	20%

### **Contact**

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