



Nr. \_\_\_\_\_ din \_\_\_\_\_

USAMV 0102030317

**COURSE DESCRIPTION**

**1. General data**

1.1. Higher Education Institution	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
1.2. Faculty	Veterinary Medicine
1.3. Department	Technical and soil sciences
1.4. Domain of study	Agronomy
1.5. level of study <sup>1)</sup>	Licence
1.6. Specialization/ Program of study	Montanology
1.7. Form of teaching	IF

**2. Characteristics of the course**

2.1. Name of the course		VEHICLE DRIVING						
2.2. Course leader				Assistant lecturer phd.eng Valentin Dan Crisan				
2.3. Coordinator of the laboratory/seminars activity				Assistant lecturer phd.eng Valentin Dan Crisan				
2.4. Year of study	III	2.5. Semester	1	2.6. Type of Evaluation	Continuously	2.7. Course regime	Content <sup>2</sup>	DU
							Level of compulsory <sup>3</sup>	Dfa

**3. Total estimated time (hours/semester for the teaching activities)**

3.1. Number of hours/week- frequency form	3	of which care: 3.2. course	1	3.3. seminar/ laboratory/ project	2
3.4. Total hours in the teaching curricula	42	Of which: 3.5. course	14	3.6. seminar/laboratory	28
<b>Distribution of time</b>					hours
3.4.1. Study based on hand book, notes, bibliography					16
3.4.2. Extra documentation in the library, on specific electronic platforms and on field					4
3.4.3. Prepare the seminars / laboratories / projects, theme, essays, reports, portofolio					22
3.4.4. Tutorial					2
3.4.5. Examination					4
3.4.6. Other activities					
3.7. Total hours of individual study	48				
3.8. Total hours on semester	90				
3.9. Number of ECTS <sup>4</sup>	-				

**4. Pre-conditions (where is the case)**

4.1. of curriculum	- Engines, tractor driving
4.2. of competences	The student must have knowledge of engine functioning and tractor driving skills

**5. Conditions (where is the case)**

5.1. of course development	The course is interactive, students can ask questions regarding the content of the exposure. Academic discipline imposes time start and end of the course. Any other activities are not allowed during the lecture, mobile phones are closed.
5.2. of seminar/laboratory/project development	Laboratory studies are required, both the laboratory and practical training on the vehicle. Academic discipline is imposed through the time of studies.



## 6. Specific competences gained

Professional competences	To know the specific language for vehicle driving discipline To know the traffic rules To understand the functioning of an internal combustion engine To recognize the main components of a vehicle To know the construction and operation of a vehicle main mechanical systems
Transversal competence	To show concern to the acquisition of theoretical and practical knowledge in order to obtain driving license.

## 7. Subject Objectives (as a result of the specific competences gained)

7.1. Subject general objective	To acquire theoretical and practical knowledge in order to obtain driving license for a category B, C, CE.
7.2. Specific objective	To understand the road norms and traffic rules in order to travel on public roads To know the factors which influence the quality of a good driver Driving skills for various categories and perform various maneuvers

## 8. Content

8.1.COURSE	Methods of teaching	Observations
<b>Number of hours – 14</b> Road network. Means for directing traffic Mandatory technical requirements for vehicles	Lectures	1 lecture
Obligations and prohibitions. Driving in intersections	Lectures	1 lecture
Passing priority. Overtaking vehicles	Lectures	1 lecture
Voluntary stopping and stationing .Return and reverse	Lectures	2 lecture
Vehicle registration, deregistration and driving license Traffic infringements and contraventions	Lectures	1 lecture
First aid	Lectures	1 lecture
<b>8.2.PRACTICAL WORK</b>		
<b>Number of hours – 28</b> Knowledge of road signs, markings, traffic signals and traffic agent signs . Identifying useful informations in traffic, anticipating them, roads and environment, other drivers. Use of all vehicle controls, coordination and flow of maneuvers. Adapting speed to different traffic situations. Choosing lanes in intersections with directed and undirected traffic. Traffic circulation in case of trams. Overtaking. Rights and obligations. Technical manouvering, space needed to overtake other vehicles. Braking. Evaluation of stopping distances (space braking). The coefficient of adhesion. Driving in extreme conditions. Driving at night, fog and low grip conditions.	Recognising traffic signs Identification of useful traffic informations Knowing vehicle controls Driving Driving Driving Driving Driving	1 laboratory study 1 laboratory study 1 laboratory study 2 laboratory study 3 laboratory studies 2 laboratory studies 2 laboratory studies 1 laboratory studies



Traffic questionnaires. Solving them to promote driving license examination.	Driving	1 laboratory studies
<p><i>Compulsory bibliography:</i></p> <ol style="list-style-type: none"> <li>Ordonanța de urgență nr. 195/12 decembrie 2002 privind circulația pe drumurile publice, completata prin OUG. Nr. 63/2006 și OUG. Nr. 69/2007</li> <li>Regulamentul de aplicare a ordonaței de urgență a Guvernului nr. 195/2002 privind circulația pe drumurile publ</li> </ol>		
<p><i>Facultative bibliography:</i></p> <ol style="list-style-type: none"> <li>Drocas I. si colab. 1999 Baza energetica pentru agricultura Editura Risoprint, Cluj Nazpoca</li> <li>Naghiu Al., si colab. 2003 - Baza energetica</li> <li>Bataga N., si colab., 1995 – Motoare cu ardere interna</li> </ol>		

**9. Corroboration of the subject content with teh expectations of the epistemic communities' representatives,of the proffessional associations and representatives employers in the domain**

In order to identify ways of modernization and continuous improvement of teaching and course content with the current issues and practical problems, teachers attend meetings where they meet specialists in mechanical and transport domain.

**10. Evaluation**

Type of activity	10.1. Evaluation criteria	10.2. Evaluation methods	10.3. Percent of the final grade
<b>10.4. Course</b>	Knowledge of traffic rules Knowing the observance and concrete implementation of traffic rules	2 Midterms	60%
<b>10.5. Seminar/Laboratory</b>	Knowledge of traffic rules and learning skills to drive a vehicle	2 Midterms	40%
<b>10.6.Minimal standard of performance</b>			
Mastering the information needed to obtain a driving license at an acceptable level. Obtaining the pass mark in midterms is a condition for graduation.			

<sup>1</sup> level of study – to be chosen one of the following – Bachelor /Post graduate/Doctoral

<sup>2</sup> Course regime (content)- for bachelor level it will be chosen one of the following - DF (fundamental subject), DD (subject in teh domain), DS (specific subject ), DC (complementary subject).

<sup>3</sup> Course regime ( compulsory level)- to be chosen one of the following – DI (compulsory subject) DO ( Optional subject) DFac ( Facultative subject).

<sup>4</sup> One ECTS is equivalent with 25-30 de hours of study (didactical and individual study).

Date of completion  
04.09.2019

Assistant lecturer phd.eng Valentin Dan  
Crisan

Assistant lecturer phd.eng Valentin Dan  
Crisan

Date of Department's  
aproval  
05.09.2019

Department manager  
Assoc.proffesor phd. Eng. Ovidiu Ranta