

ACCADEMIC YEAR: 2017/2018

TEACHING / MODULE: Safety and Ergonomic in forestry yard (AGR09)

TYPOLOGY OF FORMATIVE ACTIVITY: Affine

LECTURER: Prof. Paola D'Antonio

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Language: ITALIANO

n. CFU: 6 including 5 lessons and 1
exercise / laboratory. n. Hours .56
Location:
School: SAFE.

CdS: Course in Forestry Sciences -
University Code 0425 - Class L-25 -
Agricultural and Forestry Sciences
and Technologies.

Semester :I

FORMATIVE OBJECTIVES AND LEARNING RESULTS

Students will need to acquire basic security concepts. Apply knowledge of machines used for forestry operations in the woods and their organization at a workplace for safety and ergonomics.

Knowledge and understanding skills

The student must demonstrate knowledge of the Universal Text dlg 81/08 and organize the main groups of forestry machinery groups, their performance and technical characteristics, the work organization organization model and address the issues related to their proper management In respect of operator safety and ergonomics.

O Ability to apply knowledge and understanding:

The student must demonstrate to be able to analyze site and environment conditions of machine use and. To demonstrate how to apply the legislative provisions on risk predisposition.

O Autonomy of judgment:

The student must be able to know how to independently evaluate and select the most suitable tools for setting up proper security management strategies. The student must be able to adapt and / or modify the choice of machines for his / her autonomy of judgment in relation to the multiple and not always standardizable different endogenous and exogenous factors that determine the type of use to ensure safety.

O Communicative Skills:

The student should have the ability to explain, in a simple way, to non-sectoral people the possible use machines for forest use, describing the operation and organization within the yard.

O Learning Skills:

Students should be able to continuously update and enrich their knowledge through consultation of texts and / or publications, computer tools, attendance at courses and seminars in the security sector, using the knowledge gained during the course.

Prerequisites

Good knowledge of physics and mathematics, forestry, bedding, forest mechanization are recommended.

CONTENTS OF THE COURSE

1st credit: topics discussed in lessons

Health legislation.

2nd credit: topics covered during lessons

Testo Unico, dlg 81/2008.

3rd credit: topics covered during lessons

Tsto Unico, dlg 81/2008.

4rd credit: topics covered during lessons

Security management.

5th credit: topics discussed in lessons

Ergonomics of forestry and first-use machines.

6th credit: topics discussed in lessons.

Exercises on: Risk profiles, DUVR predisposition.

Technical visits and laboratory

DIDACTIC METHODS

The course is organized in the following parts:

1) Frontal Teaching: through frontal lessons.

The verification of the acquisition of knowledge will be monitored through the constant teacher-student interaction also by the solicitation to ask questions or to propose topics during the lesson. In order to stimulate reflection, the teacher may ask questions to the student so that he can, on the basis of his / her knowledge, reach the solution to the problem himself. Written checks will be possible during the course.

2) Exercises: The student with the active participation in the laboratory exercises. By using the practical exercises in the lab the student will have the opportunity to apply the knowledge gained during the lectures.

TEACHING VERIFICATION MODES

Verification of learning will take place through an oral exam at the end of the course and will, of course, relate to the subjects discussed during the course.

REFERENCE AND MESSAGE TEXTS, DIDACTIC MATERIAL ON-LINE

Testo Unico dlg 81/2008.

Notes from lessons.

For the purpose of viewing additional photographic material compared to the one shown during the lessons or for further information, web site addresses will be provided.

Notes provided during lessons.

METHODS AND METHODS OF MANAGING REPORTS WITH STUDENTS.

At the beginning of the course, after describing objectives, program and verification methods, the teacher collects the student list, complete with name, surname, enrollment and email for any communications. Presumable reception time: Monday-Friday from 9am to 11am. These schedules may vary depending on any academic lessons or commitments that will be posted in a special bulletin board. In addition to the weekly reception time, the teacher is available at any time for a student contact, through his or her email or by telephone contact on the fixed telephone.

DATE OF EXAMINATION REQUIRED

22/06 / 2017.20 / 07 / 2017.18 / 09 / 2017.16 / 10 / 2017.06 / 11/201711/12 / 2017.15 / 01 / 2018.19 / 02 / 2018.19 / 03 / 2018.16 / 04/2018.

Any variations due to academic commitments or lessons will be communicated by mail or by posting in a special bulletin board.

SEMINARS OF EXPERTS

SIX NO

OTHER INFORMATION

Examination Board: Prof. Paola D'Antonio (President); Prof. Giovanni Carlo Di Renzo (member), Prof. Giuseppe Altieri (member).
