

## **TEACHING DISCIPLINE: Computer Aided Teaching** (Specialization ENVIRONMENTAL ENGINEERING , 3rd Year of study, 2nd Semester)

**Credit value (ECTS): 2**

**Course category: facultative**

**Course holder: Lecturer Marius Calin, PhD**

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

The course approaches the utilisation of software e-learning development environments. Such a software can be used both as teaching tools at K12 and university level, and as training instruments within companies.

The main focus is on using the Moodle e-learning environment: structure, blocks, commands that create a general framework for developing e-learning courses.

### **Contents (syllabus)**

<b>Course (chapters/subchapters)</b>
1. Introducing e-learning. Definitions, argument. The Moodle software platform. Structure. Administering the virtual classroom.
2. Participants, groups, profiles.
3. Functional blocks.
4. Adding resources.
5. Adding activities.
6. Creating verification tests.

<b>Practical works</b>
1. Logging in to Moodle. The classroom space viewed by the students. Using Moodle as a student.
2. Administering the virtual classroom as a course creator.
3. Functional blocks.
4. Enrolling students by the teacher. Creating groups of students.
5. Creating a course. General structure.
6. Adding resources.
7. Adding activities.
8. Creating verification tests.

### **Bibliography**

1. Buchner A., 2010 - Moodle Administration. Packt Publishing. ISBN 978-1-847195-62-3
2. Lawrence R., 2009 - Course Creator Reference Manual. [www.howtomoodle.com](http://www.howtomoodle.com). ISBN: 978-0956340610
3. Riordan M., 2008 – Moodle. An electronic classroom. [www.moodle.org/Moodle\\_manuals](http://www.moodle.org/Moodle_manuals)

## Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Collocutional exam	Oral assessment during the semester, and final laboratory colloquium on an e-learning course created by the student.	80%
Evaluation of the activity during the semester	Evaluation of activity during the the whole semester.	20%

## Contact

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