Course guide
33110 - REDMOP - Restoration of Lanscapes Deteriorated by Mining and Public Works

Unit in charge: Manresa School of Engineering
Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering.
Degree: MASTER'S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2015). (Optional subject).
Academic year: 2022  ECTS Credits: 5.0  Languages: Spanish

LECTURER
Coordinating lecturer: Hoffmann Sampaio, Carlos

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
1. The ability to restore spaces degraded by natural resource exploitation using the most current restoration techniques.

Generical:
2. The ability to take the initiative and be creative.
3. The ability to communicate effectively orally and in writing.
4. The ability to lead work teams.
5. A broad awareness of professional ethics and the will to improve.
6. Awareness of environmental issues.

TEACHING METHODOLOGY
Attendance at scheduled lectures is noted. The practical exercises carried out and a bibliographic research assignment related to the content of the subject are assessed.

LEARNING OBJECTIVES OF THE SUBJECT

1. To study the way in which the environmental impact of geological resource exploitation is described.
2. To describe systems for correcting environmental impact.
3. To correctly restore spaces by moving materials, conditioning, revegetating and determining a maintenance programme.

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Hours large group</td>
<td>30,0</td>
<td>66.67</td>
</tr>
<tr>
<td>Hours medium group</td>
<td>15,0</td>
<td>33.33</td>
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Total learning time: 45 h
CONTENTS

**DESCRIPTION**

Description:
1. To study the way in which the environmental impact of geological resource exploitation is described.
2. To describe systems for correcting environmental impact.
3. To correctly restore spaces by moving materials, conditioning, revegetating and determining a maintenance programme.

**Full-or-part-time:** 45h
- Theory classes: 30h
- Practical classes: 15h

**GRADING SYSTEM**

Different parts of the course, the practical exercises carried out and a final assignment demonstrating the attainment of subject are assessed. Assessment is divided up as follows:

- Individual continuous assessment, class attendance and a final exam, if applicable: 50%
- A real-world group assignment and its presentation: 50%

**BIBLIOGRAPHY**

**Basic:**