Course guide
370026 - DISPENS I - (Ang) Dispensació i Muntatges d'Ulleres I

Unit in charge: Terrassa School of Optics and Optometry
Teaching unit: 731 - OO - Department of Optics and Optometry.
Degree: BACHELOR’S DEGREE IN OPTICS AND OPTOMETRY (Syllabus 2020). (Compulsory subject).
Academic year: 2022 ECTS Credits: 3.0 Languages: Catalan

LECTURER

Coordinating lecturer: Lupón Bas, Marta (Professora titular, https://futur.upc.edu/MartaLuponBas).

Others: Fransoy Bel, Marta (Professora titular, http://futur.upc.edu/MartaFransoyBel).

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
CE12. Understand and make use of techniques for analysing, measuring, correcting and monitoring the effects of compensatory optical systems on the visual system in order to optimise their design and fit. Make use of the techniques of centring, fitting, mounting and adjusting on all kinds of optometrically prescribed lenses, visual aids and protective eyewear. Prescribe, monitor and follow up with optical corrections. Identify and analyse environmental and workplace risk factors that could lead to visual issues.

General:
CG5. Give opinions and produce reports and expert reports when necessary.
CG10. Communicate treatment indications of visual health and their conclusions to the patient, relatives and other professionals involved in the patient’s care, adapting to the sociocultural characteristics of each person.

Transversal:
CT6. Independent learning. Identify and overcome gaps in one’s knowledge by thinking critically and choosing the best approach to extending one’s knowledge.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

1.

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours small group</td>
<td>30,0</td>
<td>46.15</td>
</tr>
<tr>
<td>Guided activities</td>
<td>5,0</td>
<td>7.69</td>
</tr>
<tr>
<td>Self study</td>
<td>30,0</td>
<td>46.15</td>
</tr>
</tbody>
</table>

Total learning time: 65 h
CONTENTS


ACTIVITIES

name english

Related competencies:
CE12. Understand and make use of techniques for analysing, measuring, correcting and monitoring the effects of compensatory optical systems on the visual system in order to optimise their design and fit. Make use of the techniques of centring, fitting, mounting and adjusting on all kinds of optometrically prescribed lenses, visual aids and protective eyewear. Prescribe, monitor and follow up with optical corrections. Identify and analyse environmental and workplace risk factors that could lead to visual issues.

Full-or-part-time: 16h
Laboratory classes: 8h
Self study: 8h

name english

Related competencies:
CG10. Communicate treatment indications of visual health and their conclusions to the patient, relatives and other professionals involved in the patient’s care, adapting to the sociocultural characteristics of each person.
CE12. Understand and make use of techniques for analysing, measuring, correcting and monitoring the effects of compensatory optical systems on the visual system in order to optimise their design and fit. Make use of the techniques of centring, fitting, mounting and adjusting on all kinds of optometrically prescribed lenses, visual aids and protective eyewear. Prescribe, monitor and follow up with optical corrections. Identify and analyse environmental and workplace risk factors that could lead to visual issues.

Full-or-part-time: 19h
Laboratory classes: 12h
Self study: 7h

name english

Related competencies:
CG5. Give opinions and produce reports and expert reports when necessary.
CE12. Understand and make use of techniques for analysing, measuring, correcting and monitoring the effects of compensatory optical systems on the visual system in order to optimise their design and fit. Make use of the techniques of centring, fitting, mounting and adjusting on all kinds of optometrically prescribed lenses, visual aids and protective eyewear. Prescribe, monitor and follow up with optical corrections. Identify and analyse environmental and workplace risk factors that could lead to visual issues.
CT6. Independent learning. Identify and overcome gaps in one’s knowledge by thinking critically and choosing the best approach to extending one’s knowledge.

Full-or-part-time: 25h
Laboratory classes: 10h
Self study: 15h
name english

Related competencies:
CG10. Communicate treatment indications of visual health and their conclusions to the patient, relatives and other professionals involved in the patient's care, adapting to the sociocultural characteristics of each person.
CG5. Give opinions and produce reports and expert reports when necessary.
CT6. Independent learning. Identify and overcome gaps in one's knowledge by thinking critically and choosing the best approach to extending one's knowledge.

Full-or-part-time: 15h
Self study: 15h

name english

Full-or-part-time: 0h 01m
Self study: 0h 01m

GRADING SYSTEM

BIBLIOGRAPHY

Basic: