Course guide
370032 - DISPENS II - (Ang) Dispensació i Muntatges d’Ulleres II

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, Spanish

LECTURER

Coordinating lecturer: Martinez Roda, Juan Antonio (https://futur.upc.edu/JuanAntonioMartinezRoda)
Others: Lupon Bas, Marta (https://futur.upc.edu/MartaLuponBas)
Fransoy Bel, Marta (https://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

content english

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>46.88</td>
</tr>
<tr>
<td>Self study</td>
<td>30,0</td>
<td>46.88</td>
</tr>
<tr>
<td>Guided activities</td>
<td>4,0</td>
<td>6.25</td>
</tr>
</tbody>
</table>

Total learning time: 64 h
CONTENTS

Dispensing

**Description:**
content 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:** 31h 30m
Laboratory classes: 16h
Self study : 15h 30m

**title english**

**Description:**
content 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:** 43h 30m
Laboratory classes: 14h
Self study : 29h 30m

ACTIVITIES

**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:** 24h
Laboratory classes: 16h
Self study: 8h
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: 36h
Laboratory classes: 14h
Self study: 22h

Related competencies:

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.

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

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

GRADING SYSTEM

BIBLIOGRAPHY

Basic: