

**COURSE OUTLINE**

**(1) GENERAL**

<b>SCHOOL</b>	HEALTH & CARE SCIENCES		
<b>ACADEMIC UNIT</b>	BIOMEDICAL SCIENCES		
<b>DIVISION</b>	OPTICS AND OPTOMETRY		
<b>LEVEL OF STUDIES</b>	UNDERGRADUATE		
<b>COURSE CODE</b>	7051	<b>SEMESTER</b>	7 <sup>th</sup>
<b>COURSE TITLE</b>	ETHICS IN OPTICIAN -OPTOMETRIST		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>	<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>	
Lectures	2	3	
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
<b>COURSE TYPE</b> <i>general background, special background, specialised general knowledge, skills development</i>	Special background		
<b>PREREQUISITE COURSES:</b>	NO		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	GREEK		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	NO		
<b>COURSE WEBSITE (URL)</b>			

**(2) LEARNING OUTCOMES**

<p><b>Learning outcomes</b>  <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described. Consult Appendix A</i></p> <ul style="list-style-type: none"> <li>• <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i></li> <li>• <i>Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i></li> <li>• <i>Guidelines for writing Learning Outcomes</i></li> </ul>
<p>The aim of the course is the student's understanding the concepts of Ethics and to know the basic rules of his profession as an Optician -Optometrist.          Upon successful completion of the course the student will be able</p> <ul style="list-style-type: none"> <li>• to understand basic concepts of Occupational Ethics .</li> <li>• to know ways to deal with ethical problems and issues at their work.</li> <li>• to be familiar with the basic rules of Ethics at their profession ,as opticians-Optometrists</li> </ul>

**General Competences**

*Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?*

*Search for, analysis and synthesis of data and information,  
with the use of the necessary technology  
Adapting to new situations  
Decision-making  
Working independently  
Team work  
Working in an international environment  
Working in an interdisciplinary environment  
Production of new research ideas*

*Project planning and management  
Respect for difference and multiculturalism  
Respect for the natural environment  
Showing social, professional and ethical responsibility and sensitivity to gender issues  
Criticism and self-criticism  
Production of free, creative and inductive thinking  
.....  
Others...  
.....*

- Working independently
- Team work

**(3) SYLLABUS**

- The profession of Optician - Optometrist, Conditions for its practice,
- Prohibitions and punishments,
- Education and specializations,
- Restrictions on access to the profession,
- Legislation and obligations.
- Relationships with Funds and Banks.
- Restrictions and the assignment of responsibility.
- Professional Codes of Ethics.
- Professional solidarity.
- National, social, trade union and professional rules

#### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc.</i>	In class	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> <i>Use of ICT in teaching, laboratory education, communication with students</i>	e-class	
<b>TEACHING METHODS</b> <i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.  The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i>	<b>Activity</b>	<b>Semester workload</b>
	Lectures	26
	Study	34
	Course total	60
<b>STUDENT PERFORMANCE EVALUATION</b> <i>Description of the evaluation procedure  Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other  Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i>	1. written final exam (100%)	

#### (5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

In Greek

1. *Visual Optics, Drakopoulos Panos and George Asimellis, pp 440, Syghroni Gnosi 2014*
2. *Geometrical Optics, Asimellis George, Vamvakas Ioannis, Panos Drakopoulos, pp281, Syghroni Gnosi, 2012*
3. *Visual Optical Instruments, Drakopoulos Panos and George Asimellis, pp 256, Syghroni Gnosi, 2011*
4. *Illuminating engineering, Topalis F, Oikonomou L, Kourtesi St., Tzolas Publications., pp 580, 2<sup>nd</sup> ed, 2016*
5. *Artificial Light Sources, S. Kitsinelis, S Parikou Ed., 2011*
6. *Basic principles of Chromatometry, V. Orphanakos, Stamoulis Ed., 2004*
7. *Lighting and Architecture, Kontorigas Th., Ktirio Pub., 2006*
8. *Special Installations in Illumination Engineering, Touloglou S., Ion Publish., 2007*

*English*

1. *Handbook of Optics, M. Bass editor, Volumes II, III, McGraw-Hill Inc, 3rd edition, 2010*
2. *Human factors in Lighting, R. Boyce, Taylor & Francis 2003*
3. *IESNA Lighting Handbook, David DiLaura, Kevin Houser, Richard Mistrick, Gary Steffy Editors, 10th edition, 2011*
4. *Optics, Blaker J.W., P. Schaeffer, an Introduction for Technicians and Technologists, Prentice-Hall, 2000*
5. *Optics, Hecht E., Addison Wesley, 4th Edition, 2001*
6. *The manual of photography, E. Allen and S. Triantaphillidou editors, 10th edition, Focal Press, 2011*
7. *Illumination engineering, Murdoch JB, Macmillan Publishing Company, 1985*
8. *Handbook of Applied Photometry, DeCusatis Editor, 1998*
9. *The light measurement Handbook, Ryer A., International light, 1997*