COURSE OUTLINE

(1) GENERAL

SCHOOL	**of MEDICINE**			
ACADEMIC UNIT				
LEVEL OF STUDIES	**POSTGRADUATE**			
COURSE CODE	**TAO - 101**	**SEMESTER**	**1**	
COURSE TITLE	**EYE AND VISION I**			
INDEPENDENT TEACHING ACTIVITIES *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*			**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures			4	7
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).				
COURSE TYPE *general background, special background, specialised general knowledge, skills development*	general background			
PREREQUISITE COURSES	None			
LANGUAGE OF INSTRUCTION and EXAMINATIONS	English			
IS THIS COURSE OFFERED TO ERASMUS STUDENTS	YES			
COURSE WEBSITE (URL)				

(2) LEARNING OUTCOMES

Learning outcomes *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* • *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area* • *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B* • *Guidelines for writing Learning Outcomes*
Upon successful completion of the course, students will be able to: • Know *The course according to the European Qualifications Framework for Lifelong Learning belongs to level 7.*

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 Teamwork* *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...* *.....*
• Capacity to address complex problems. • Development of scientific thought • Use of the University Library and multiple bibliographic references • Searching sources, simulations, and electronic courses on the internet • Taking notes and development of independent methods of studying • Writing research reports • Efficient management of time and deadlines • Development of the ability to present concepts in a succinct form	

(3) SYLLABUS

1) Fundamentals

(4) TEACHING and LEARNING METHODS - EVALUATION

Delivery *Face-to-face, Distance learning, etc.*	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	• Use of slides • Videos with demonstration/understanding experiments. • Use of an asynchronous e-learning platform (e-learn) where the following are provided: o *Bibliography of the course* *o Slides of the course* *o Self-study Exercise Set* *o Lecture videos* *o Demonstration videos and simulations* *o* Communication through the e-learn platform, use of the discussion area facility with topics, email as well as fixed office hours announced • Students' assignments are received and corrected via the platform (e-learn)

TEACHING METHODS *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*	***Activity***	***Semester workload***
	Lectures	48 (18 x 2 + 4 x 3)
	Assignments/Projects	30 (15/15)
	Directed learning activity (office hours)	
	Non-directed learning activity	90 (3 hours study/presentation during the semester (18) and 2 hours study/presentation as preparation for the final exam)
	Course total	**168**
STUDENT PERFORMANCE EVALUATION *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.*	Language of Evaluation: English The final grade is the sum of the final written examination (100%).	

(5) ATTACHED BIBLIOGRAPHY

Bibliography

- *Lecture notes*
- *ER Kandel, JH Schwartz, TM Jessell. Principles of Neural Science, 6th edition, McGraw-Hill.*
- *MF Bear, BW Connors, MA Paradiso. Neuroscience: Exploring the Brain, 3rd edition, 2007*