

Subject Description Form

Subject Code	SO3007
Subject Title	Clinical Optometry 2
Credit Value	4
Level	3
Pre-requisite	Students are required to have attempted: Clinical Optometry 1 (SO2004) and Visual Science 1 (SO2003)
Objectives	To familiarize the students with basic clinical optometry principles and procedures
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. perform basic optometric procedures b. demonstrate skills in binocular vision assessment and ocular health assessment c. analyse data of binocular vision and diagnose types of abnormal binocular conditions d. diagnose and manage presbyopia optically e. recognise normal anterior ocular features using a bio-microscope f. choose and apply different kinds of diagnostic pharmaceutical agents g. measure and interpret arterial blood pressure and intra-ocular pressure for the evaluation of ocular health h. take up professional responsibility in the community and appreciate the need to learn continuously in primary eye care <p>Students are expected to maintain and further develop skills acquired in CO1 using the extra laboratory sessions allocated.</p>
Subject Synopsis/ Indicative Syllabus	<p>Accommodation and presbyopia Investigation of binocularity Slitlamp biomicroscopy Clinical uses of diagnostic drugs Intraocular pressure and tonometry Sphygmomanometry and Ophthalmodynamometry</p>
Teaching/Learning Methodology	<p>Lecture: Principles and examples of optometry assessments will be covered during lectures.</p> <p>Laboratory: Introduction and demonstration of individual topics will be delivered at the beginning of each lab. The students are required to show competency in the techniques taught.</p> <p>Tutorial: Tutorials will discuss clinical applications of the optometry procedures learned during the lectures.</p>

Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)							
			a	b	c	d	e	f	g	h
	1. Coursework (tests)	60	✓	✓	✓	✓	✓	✓	✓	✓
	2. Examination	40	✓	✓	✓	✓	✓	✓	✓	✓
Total	100									
	<p>Coursework: Practical exams will be scheduled throughout the semester to monitor the learning process of the students.</p> <p>Examination: A written exam will be given at the end of the semester to test the student's understanding of all topics covered during the semester.</p> <p>*All students are requested to participate in one 3-hour field study during the semester in order to receive their grade.</p>									
Student Study Effort Required	Class contact:									
	▪ Lecture									20 Hrs.
	▪ Laboratory									52 Hrs.
	▪ Tutorial/Seminar									3 Hrs.
	Other student study effort:									
	▪ Field work									3 Hrs.
	▪ Self-study									60 Hrs.
	▪ Total student study effort:									138 Hrs.
Reading List and References	<p><u>Prescribed Reading</u></p> <p>Grosvenor TP. Primary Care Optometry, 5th Ed., Butterworth & Heinemann, 2007</p> <p>Benjamin WJ. Borish's Clinical Refraction. WB Saunders, Philadelphia. 1998</p> <p>Elliot DB. Clinical Procedures in Primary Eye Care. 2nd Ed., Butterworth-Heinemann, 2003</p> <p>Carlson NB, Kurtz D. Clinical procedures for ocular examination. New York : McGraw-Hill, Medical Publishing Division. 4th ed. 2016.</p>									
	<p><u>Recommended Reading</u></p> <p>Esckridge JB, Amos JF, Bartlett JD. (ed) Clinical Procedures in Optometry, JB Lippincott Co., 1991</p>									