

Subject Description Form

Subject Code	SO3008
Subject Title	Clinical Optometry 3
Credit Value	4
Level	3
Pre-requisite	Students are required to have attempted Clinical Optometry 2 (SO3007) and Visual Science 2 (SO3003)
Objectives	To equip students with theoretical understandings and practical skills in basic ocular health assessment procedures.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. describe the principle and evaluate the effectiveness of the ocular health assessment procedures b. conduct and apply basic and advanced ocular health assessment techniques competently c. apply these techniques as indicated in the ocular health assessment and recognise pathological changes of the fundus and anterior angle d. demonstrate skills in sampling and analysing clinical data for making appropriate tentative/final diagnosis on ocular health e. take part in community screening programme
Subject Synopsis/ Indicative Syllabus	<p>Direct ophthalmoscopy Indirect ophthalmoscopy Fundus biomicroscopy Gonioscopy Visual fields and visual field tests Macular functions Contrast Sensitivity Function Colour vision Photo-documentation</p>
Teaching/Learning Methodology	<p>Lecture: Didactic teaching and group discussion. Tutorial: Small group discussion of topics of interests. Answering questions raised by students. Pre-clinical laboratory: practice optometric techniques with student partners.</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
	1. Coursework:	60	✓	✓	✓	✓	✓
(i) Tests	20	✓	✓	✓	✓	✓	
(ii) Clinical assessment	40		✓	✓	✓	✓	
2. Examination	40	✓	✓	✓	✓		
Total	100						
Student Study Effort Required	Class contact:						
	▪ Lecture						22 Hrs.
	▪ Laboratory						48 Hrs.
	▪ Tutorial						3 Hrs.
	Other student study effort:						
	▪ Field work						3 Hrs.
	▪ Self-study						70 Hrs.
	Total student study effort:						146 Hrs.
Reading List and References	<u>Prescribed Reading</u>						
	<ol style="list-style-type: none"> 1. Barton J and Benatar M. (2003) Field Of Vision: A Manual And Atlas Of Perimetry. 2. Casser L., Fingeret M., Woodcome HT. (1997). Atlas Of Primary Eyecare Procedures. Stamford, Conn: Appleton & Lange. 3. Cabbage R. (2005). Visual Fields. Elsevier / Butterworth-Heinemann. 4. Elliott DB. (2007). Clinical Procedures In Primary Eye Care. Edinburgh: Elsevier/Butterworth Heinemann. 5. Eperjesi F, Bartlett HE, Dunne MCM (2007). Ophthalmic Clinical Procedures: A Multimedia Guide. 6. James B and Benjamin L (2007). Ophthalmology: Investigation And Examination Techniques. 						
	<u>Recommended Reading</u>						
	<ol style="list-style-type: none"> 1. Benjamin WJ (2006). Borish's Clinical Refraction, 2nd ed., Butterworth-Heinemann. 2. Carlson NB and Kurtz D (2004). Clinical Procedures For Ocular Examination. 3rd Ed., McGraw-Hill, Medical Publishing Division. 3. Grosvenor TP. (2007). Primary Care Optometry. St. Louis, Mo: Butterworth Heinemann / Elsevier. 						