Subject Description Form

Subject Code	SO4004
Subject Title	Clinical Optometry 4
Credit Value	4
Level	4
Pre-requisite	Students are required to have attempted Clinical Optometry 3 (SO3008) and Visual Science 3 (SO3004)
Objectives	1. To develop and integrate the clinical skills acquired from prior clinical subjects for routine comprehensive eye examination. 2. To equip students with theoretical understandings and practical skills in advanced ocular health assessment procedures. 3. To equip students with comprehensive skills in primary optometric management and practice.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a. integrate the clinical skills acquired from prior clinical subjects into a routine comprehensive eye examination b. demonstrate organized, coherent routine eye examination and able to do all measurements accurately c. take comprehensive patient history, devise working hypothesis and formulate tests to evaluate clinical symptoms d. explain the principles and evaluate the effectiveness of specialized and advanced optometric investigations e. conduct specialized and advanced optometric investigations competently f. select appropriate specialized and advanced procedures for assessment as indicated in the optometric examination g. integrate and synthesize clinical findings/information and come up with correct tentative and final clinical diagnosis with management plans h. prescribe appropriate correction per refractive and non-refractive conditions and give suitable management plan i. demonstrate understanding in the role of optometrist as a primary eye care provider, able to diagnose and treat, and able to interact professionally in inter and intra-profession communication
Subject Synopsis/ Indicative Syllabus	• Introduction to advanced optometric investigations - Ultrasonography and advanced imaging techniques • Case history taking and symptomatology and headache • Prescription decisions • Clinical case management • Inter- and intra-profession communication

<table>
<tr><td>Teaching/Learning Methodology</td><td>Lecture: Didactic teaching and group discussion.

Tutorial: Small group discussion of topics of interests in clinical practice. Answering questions raised by students.

Pre-clinical laboratory: practice new and integrated optometric techniques with student partners and comprehensive skills in primary optometric management and practice. Students will take a clinical competence test and are required to pass the test before their clinical practice in the Optometry Clinics</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="9">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td><td>i</td></tr>
<tr><td>1. Coursework (written test and competence test)</td><td>60</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>2. Examination</td><td>40</td><td>✓</td><td></td><td>✓</td><td>✓</td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>Total</td><td>100</td><td colspan="9"></td></tr>
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<tr><td>Student Study Effort Required</td><td>
<table>
<tr><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lecture</td><td>20 Hrs.</td></tr>
<tr><td>▪ Laboratory</td><td>50 Hrs.</td></tr>
<tr><td>▪ Tutorial</td><td>4 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ e-learning</td><td>6 Hrs.</td></tr>
<tr><td>▪ Field Study</td><td>3 Hrs.</td></tr>
<tr><td>▪ Self-study</td><td>60 Hrs.</td></tr>
<tr><td>Total student study effort:</td><td>143 Hrs.</td></tr>
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</td></tr>
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Reading List and References	Prescribed Reading Eskridge, J. B., Amos, J. F., & Bartlett, J. D. (1991). Clinical procedures in optometry. Philadelphia: Lippincott. [RE951 .C66 1991] Elliott, D. B. (2007). Clinical procedures in primary eye care. Edinburgh: Elsevier/Butterworth Heinemann. [RE952.9 .C56 2007] Grosvenor, T. P. (2007). Primary care optometry. St. Louis, Mo: Butterworth-Heinemann/Elsevier. [RE951 .G76 2007] Casser, L., Fingeret, M., & Woodcome, H. T. (1997). Atlas of primary eyecare procedures. Stamford, Conn: Appleton & Lange. [RE952 .F56 1997] Bezan, D. (1999). Differential diagnosis in primary eye care. Boston: Butterworth-Heinemann. [RE75 .D53 1999] Recommended Reading Alexander, K. L. (1995). The Lippincott manual of primary eye care. Philadelphia: Lippincott. [RE951 .L56 1995] Amos, J. F. (1987). Diagnosis and management in vision care. Boston: Butterworths. [RE951 .D53] Milder, B., & Rubin, M. L. (2004). The fine art of prescribing glasses without making a spectacle of yourself. Gainesville, Fla: Triad Pub. [RE925 .M49 2004]