

Module Details	
Module Title	Ocular Health Assessment 2
Module Code	OPT5014-B
Academic Year	2020/1
Credits	20
School	School of Optometry and Vision Science
Subject Area	Optometry
FHEQ Level	FHEQ Level 5
Pre-requisites	N/A
Co-requisites	N/A

Contact Hours	
Type	Hours
Online Lecture (Synchronous)	24
Practical Classes or Workshops	24
Directed Study	152

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Academic Year

Module Aims
To enable students to consolidate and extend their knowledge and understanding of ophthalmic instruments and techniques for the detection of common ocular abnormalities and pathology.

Outline Syllabus
Direct Ophthalmoscopy; Binocular Indirect Ophthalmoscopy; Contact Tonometry (eg Goldmann & Perkins); gonioscopy; clinical tests of colour vision, contrast sensitivity & glare testing; advances in ocular imaging technology; ocular ultrasound; visual electrophysiology; interpretation of visual field data; introduction to common visual and ocular abnormalities (wet & dry eyes, differential diagnosis of the red eye, uveitis, cataract, optic nerve head & primary open angle glaucoma, maculopathies, vascular & diabetic retinopathies, peripheral retinal abnormalities, retinal detachment).

Learning Outcomes	
Outcome Number	Description
01	Explain the role of instrumentation in the detection of ocular disease and abnormality.
02	Describe the principal abnormal ocular conditions encountered in optometric practice - their signs, symptoms, pathophysiology and clinical appearance.
03	Compare the information gained from the use of a range of ophthalmic instruments.
04	Analyse clinical information from ophthalmic instruments and formulate appropriate tentative diagnoses regarding the principal ocular diseases.
05	Analyse clinical information regarding the principal ocular diseases and formulate appropriate management plans.
06	Work together in small teams or with a partner.
07	Develop communication skills.
08	Review new information, concepts and evidence from a range of sources.

Learning, Teaching and Assessment Strategy
This module is based on a lecture series and practical clinical sessions and supported by online multimedia material. 1. The fundamental principles relating to the instruments and techniques used to assess ocular health are covered in formal lectures. 2. Practical classes are used to develop basic skills and assess competence in fundamental clinical examination techniques. 3. Additional directed study will be based on recommended texts. The clinical portfolio is a completed record of clinical competence in the examination of patients` s anterior segments and fundi and the interpretation of visual field data.

Mode of Assessment				
Type	Method	Description	Length	Weighting
Summative	Computerised examination	Closed book computerised exam at the end of the module.	2 hour	70%
Summative	Clinical Assessment	ssessment in range of basic practical skills covered in the syllabus	N/A	30%
Summative	Coursework	A series of clinical skills competency assessments - PASS/FAIL	N/A	0%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

© University of Bradford 2020

<https://bradford.ac.uk>