MODULE DESCRIPTOR

Module Title

Image Reporting 2

Reference	HSM189	Version	3
Created	March 2023	SCQF Level	SCQF 11
Approved	July 2018	SCQF Points	30
Amended	June 2023	ECTS Points	15

Aims of Module

To enable the student to develop knowledge and understanding of performance measurement in radiographic reporting and the specialist skills required to report trauma images, and images from a range of specialist imaging modalities.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1	Critically review the principles of performance measurement in radiographic image interpretation.
2	Critically appraise the role of the reporting radiographer in ultrasound, CT and other specialist procedures and modalities.
3	Critically evaluate trauma images from a range of imaging modalities and provide a radiographic opinion of normal and abnormal appearances.
4	Critically evaluate images from a range of specialist modalities and provide a radiographic opinion of normal and abnormal appearances.

Indicative Module Content

Principles of performance measurement in radiographic image interpretation to include causes of error, sources of bias in measurement, statistics in performance measurement, Chi squared, Kappa, Receiver Operator Characteristic (ROC) curves, standards of practice. Radiographer reporting roles in ultrasound, CT, MRI and other specialist procedures and modalities. Pattern recognition in trauma imaging, and in ultrasound, CT, MRI and other specialist procedures and modalities. Terminology relevant to radiographer reporting in trauma and other specialist modalities. Research and development underpinning radiographer reporting.

Module Delivery

Blended delivery comprising on campus and online learning and engagement. This will include Workshops, Tutorials, Keynote Lectures, Digital Learning Resources.

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Indicative Student Workload	Full Time	Part Time
Contact Hours	60	N/A
Non-Contact Hours	240	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	N/A
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Examination	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	Computer based objective structured clinical examination (OSCE).				

Component 2

Type:	Coursework	Weighting:	0%	Outcomes Assessed:	3, 4
Description:	This relates to a minimum of 80% mandatory attendance of all scheduled module delivery. Attendance will be assessed on a pass/unsuccessful basis.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

C1- Major component (graded) C2 - Minor component (pass/fail (unsuccessful)) To achieve a pass, a grade D or above is required and a pass in C2.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A and pass
B	B and pass
C	C and pass
D	D and pass
E	E/unsuccessful or pass, A and unsuccessful, B and unsuccessful, C and unsuccessful, D and unsuccessful.
F	Fails to achieve the minimum requirements for an E and/or fails to meet the module attendance requirements
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of all Stage Three modules of Master of Diagnostic Radiography will normally be required.
Corequisites for module	None.
Precluded Modules	None.

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INDICATIVE BIBLIOGRAPHY

1	GREY, M.L. & AILINANI, J.M., 2012. *CT & MRI pathology: a pocket atlas.* 2nd ed. Cambridge: McGraw-Hill Education.
2	HOLMES, E.J. & MISRA, R.R., 2004. *A-Z of emergency radiology.* Cambridge: Cambridge University Press.
3	McCONNELL, J., EYRES, R., & NIGHTINGALE, J., 2005. *Interpreting trauma radiographs.* London : Blackwell.
4	RABY, N. et al., 2014. *Accident & emergency radiology: a survival guide.* 3rd ed. London: Saunders Elsevier.
5	Journal articles and professional publications.