**This Version is No Longer Current**
The latest version of this module is available here

## MODULE DESCRIPTOR

### Module Title

Principles Of Diagnostic Image Reporting

| Reference | HSM131 | Version | 5 |
|---|---|---|---|
| Created | October 2017 | SCQF Level | SCQF 11 |
| Approved | March 2013 | SCQF Points | 15 |
| Amended | November 2017 | ECTS Points | 7.5 |

### Aims of Module

The aim of the module is to enable the participant to develop the knowledge base, analytical, interpretive and evaluative skills required that underpins diagnostic image reporting and individual practitioner performance measurement (within their defined scope of practice).

### Learning Outcomes for Module

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

| 1 | Critically analyse the process of clinical decision making and reasoning in context of performance in image interpretation. |
|---|---|
| 2 | Analyse and synthesise the physiological and psychological factors related to the process of diagnostic image interpretation and the reporting of clinical findings. |
| 3 | Critically review application of the principles of performance measurement in diagnostic image reporting. |
| 4 | Critically assess the medico-legal aspects of diagnostic image reporting in the context of practitioners engaged in extended scope working. |

### Indicative Module Content

Psychophysical principles Visual perception Vision physiology Decision thresholds, decision making and clinical reasoning Pattern recognition Sensitivity, specificity, accuracy Statistical Inter-rater reliability evaluation Receiver Operator Characteristic (ROC) curves Medico-legal perspectives Audit and research in image interpretation

### Module Delivery

Lectures, tutorials, workshops and virtual learning environment activities

| Indicative Student Workload | Full Time | Part Time |
|---|---|---|
| Contact Hours | N/A | 60 |
| Non-Contact Hours | N/A | 90 |
| Placement/Work-Based Learning Experience [Notional] Hours | N/A | N/A |
| TOTAL | N/A | 150 |
| *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: | Coursework | Weighting: | 100% | Outcomes Assessed: | 1, 2, 3, 4 |
|---|---|---|---|---|---|
| Description: | The coursework will comprise an essay. | | | | |

## MODULE PERFORMANCE DESCRIPTOR

### Explanatory Text

Performance assessed with a grading proforma. Overall grade determined as follows;

| Module Grade | Minimum Requirements to achieve Module Grade: |
|---|---|
| A | Minimum of 3 As and 2B and 1C in rows 1-6. 1 distinction and 1 Pass in rows 7 and 8 |
| B | Minimum of 3 Bs and 2C and 1D in rows 1-6. Pass in rows 7 and 8 |
| C | Minimum of 3 Cs and 3Ds in rows 1-6. Pass in rows 7 and 8 |
| D | Minimum of 4 Ds and 2E in rows 1-6. 1 Pass and 1 Fail in rows 7 and 8 |
| E | Minimum of 3 Es and 3 Fs in rows 1-6. 1 Pass and 1 Fail in rows 7 and 8 |
| F | Does not meet the criteria for grade E |
| NS | Non-submission of work by published deadline or non-attendance for examination |

## Module Requirements

| Prerequisites for Module | Honours degree, or equivalent, in a relevant health care discipline. |
|---|---|
| Corequisites for module | None. |
| Precluded Modules | None. |

## INDICATIVE BIBLIOGRAPHY

1  DIMOND, B., 2002. *Legal aspects of radiology and radiography.* London: Wiley-Blackwell.

2  McCONNELL, J., EYRES, R. & NIGHTINGALE, J., 2005. *Interpreting trauma radiographs.* Oxford: Blackwell Publishing Limited.

3  THE ROYAL COLLEGE OF RADIOLOGISTS AND THE SOCIETY AND COLLEGE OF RADIOGRAPHERS, 2012. *Team working in clinical imaging.* London: RCR & SCOR.

4  Journal articles and professional publications.