

## Module Specification

### Module Summary Information

<b>1</b>	<b>Module Title</b>	Mammography – Principles and Practice
<b>2</b>	<b>Module Credits</b>	40
<b>3</b>	<b>Module Level</b>	4
<b>4</b>	<b>Module Code</b>	HSC4076

<b>5</b>	<b>Module Overview</b>
<p><b>Rationale:</b></p> <p>This module is appropriate for Trainee Assistant Practitioners who are working in a Breast Imaging Department and will be undertaking the standard routine mammographic imaging of the breast. You will be responsible for your own learning, and will reflect on your clinical experience during your academic studies, and similarly will apply knowledge to practice which will involve provision of effective care to a diverse range of service users from a range of cultural backgrounds.</p> <p>This module aims to provide you with the fundamental knowledge and the core clinical skills that Assistant Practitioners require to prepare for and undertake the standard routine mammographic imaging of the breast on the screening and/or symptomatic patient. It will therefore enable you to learn how to position and undertake Cranio-Caudal (CC) and Medio-Lateral Oblique (MLO) projections of the breast. In addition you will reflect and gain an understanding and awareness of working safely and within the limits of your practice. Studying this module will enable you to acquire underpinning knowledge of the National Breast Screening Programme and its Quality Assurance Programme, as well as the symptomatic breast diagnostic service. You will develop knowledge of the functions, performance and specifications of mammography machines and the associated quality control testing. You will also have the opportunity to learn about the signs and symptoms of breast disease and the multidisciplinary approach to its diagnosis in the affected patient. A breast imaging department is a highly emotive environment and thus this module aims to equip you with strategies that will enable you to recognise and respond to the psychological and emotional needs of the service user and their relatives or friends.</p> <p>As work-based learning remains the very essence of the programme, you will have the opportunity to combine your previous experience with your newly acquired knowledge and apply this immediately into your practice. Collaboration between the University and work-based partners is fundamental to the programme.</p> <p><b>Alignment with Programme Philosophy and Aims</b></p> <p>The Foundation Degree Health and Social Care programme is committed to developing workers who will be compassionate, caring, knowledgeable and productive members of inter-professional teams, with the ability to be adaptable and flexible in order to respond to the ever changing needs and priorities of the services we support.</p> <p>During this Module you will develop the role related knowledge and skills required to support your individual working roles and therefore benefit your service users. You will develop into an individual that can influence the quality of care delivered and disseminate good practice within your organisation.</p>	

Skills acquired while studying this module can be applied to clinical practice throughout your professional career.

### **Learning, teaching and assessment strategy**

This module is a full time work based learning module. The module will be delivered using a blended learning approach as well as providing the opportunity for independent study. The underpinning theoretical principles of breast imaging and breast disease will be delivered in a series of university based tutorials/lectures, supported by Moodle activities and self-directed study. In addition work based learning within a breast imaging service is an essential component of this module to enable development of the skills required to undertake mammography.

Examples of tasks students will undertake whilst studying this module include:

- Exploring case studies related to anatomy, physiology and pathology of the breast and the associated appearance on mammographic images.
- Investigating the psychological and emotional factors experienced by patients attending a breast imaging department via peer interaction and the use of audio visual material.

### **Assessment Strategy**

This module comprises of two items of summative assessment and continuous formative assessment in the workplace.

1. A practice based assessment consisting of a clinical assessment handbook and a record of clinical experience (logbook). You will be judged as being competent or not competent at the completion of the assessment period. This is a pass/fail assessment. Learning outcomes 1 and 2.
2. A 3000 word written assignment. Learning outcomes 3 and 4.

You are required to pass both elements of assessment in order to pass the module.

<b>7</b>	<b>Module Learning Outcomes</b>
	<b>On successful completion of the module, students will be able to:</b>
<b>1</b>	Prepare for and undertake the routine mammographic imaging of the breast.
<b>2</b>	Relate knowledge and understanding of the anatomy and basic physiological and pathological processes of the breast with their associated mammographic appearances.
<b>3</b>	Define and explain your role and contribution to the multidisciplinary approach to the breast diagnostic services.
<b>4</b>	Demonstrate your ability to communicate effectively with patients attending a breast imaging department from differing social and cultural backgrounds that have differing needs, values and beliefs.

8 Module Assessment			
Learning Outcome			
	Coursework	Exam	In-Person
1, 2			X
3, 4	X		

9 Breakdown Learning and Teaching Activities	
Learning Activities	Hours
<b>Scheduled Learning (SL)</b> includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	69
<b>Directed Learning (DL)</b> includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	319
<b>Private Study (PS)</b> includes preparation for exams	12
<b>Total Study Hours:</b>	400