



Introduction

Welcome

Welcome

Hi!

I am Nayana Parange and the course coordinator for this course. This course is run by Breast Screen SA.

If you are planning to use this course towards the Certificate of Mammographic Practice, CMP, (ASMIRT award). Before you enrol into the course, you are advised to contact BSSA at HealthBSSATrainingModules@sa.gov.au to discuss the requirements to be eligible to attend the face-to-face course.

Compliance to attend the course is through BSSA, SA Health and UniSA domestic and international policies.

WELCOME MESSAGE FROM Bronwyn Knight

BreastScreen SA (BSSA) is part of BreastScreen Australia, the national breast cancer screening program. BSSA collaborates with the University of South Australia to deliver quality education in mammography around common core syllabus and assessment.

On behalf of the University of South Australia and BreastScreen SA I would like to welcome all participants of 'Mammography – Academic Module'. I hope you have an informative and rewarding week.

Radiographers wanting to complete this course for CMP should contact BSSA at HealthBSSATrainingModules@sa.gov.au

Bronwyn Knight

Advanced Clinical Educator BreastScreen SA

HealthBSSATrainingModules@sa.gov.au

Academic Work Definitions

Internal mode includes face to face/in person components such as lectures, tutorials, practicals, workshops or seminars that may be offered at a University campus or delivered at another location. Courses delivered in internal mode may also be offered intensively allowing them to be completed in a shorter period of time. There is an expectation that students will be physically present for the delivery of face to face/in person teaching and learning activities.

Online facilitation

Student information

Online courses generally require students to independently read, view and/or work through all required materials, including pre-recorded presentations that have been produced and provided to facilitate this form of learning.

Independent online learning is supported by Online Facilitators who supplement online teaching resources by facilitating, monitoring and moderating online forums; answering student queries via virtual office hours or help desks, online dialogue and/or phone conversations, providing formative feedback on your work or explaining comments and marking of your prior work.

Students are expected to be familiar with all relevant course content, including materials provided and assessments, and engage appropriately with facilitators within the timeframes provided.

Staff information

Online facilitation by an academic may include monitoring online forums, hosting virtual office hours or help desks, online dialogue and/or phone conversations with students, providing formative feedback on a student's work or explaining summative feedback/marks on prior work.

These activities do not generally require regular preparation time as there is not delivery, per se, but preparation time for course familiarisation may be required before and during the teaching period to ensure that the facilitator maintains knowledge and awareness of course materials, course content, assessment requirements and student progress.

Course Teaching Staff

Primary Instructor: Ms Bronwyn Knight
Location: UniSA Allied Health & Human Performance
Email: Bronwyn.Knight@unisa.edu.au
Staff Home Page: people.unisa.edu.au/Bronwyn.Knight

Course Coordinator: AsPr Nayana Parange
Location: UniSA Allied Health & Human Performance
BJ1-24
Telephone: +61 8 8302 2585
Email: Nayana.Parange@unisa.edu.au
Staff Home Page: people.unisa.edu.au/Nayana.Parange

* Please refer to your Course homepage for the most up to date list of course teaching staff.

Contact Details

UniSA Allied Health & Human Performance

Website: <https://www.unisa.edu.au/about-unisa/academic-units/allied-health-and-human-performance/>

Additional Contact Details

Enquires to be directed to Nadine Zadow at HealthBSSATrainingModules@sa.gov.au

Course Overview

Prerequisite(s)

There are no prerequisite courses to be completed before this course can be undertaken.

Corequisite(s)

There are no corequisite courses to be completed in conjunction with this course.

Course Objectives

On completion of this course, students should be able to:

CO1. Discuss the rationale for breast screening, and the importance of communication, client confidentiality and consent.

CO2. Relate breast anatomy, physiology and identifiable mammographic pathology.

CO3. Apply advanced knowledge of basic mammographic positioning techniques and specialised views used in the assessment of breast lesions, including those useful for imaging the difficult to position client.

CO4. Apply knowledge of mammography equipment including critical analysis of quality control procedures for equipment and imaging technologists.

CO5. Outline emerging technologies used in the diagnosis of breast disease.

CO6. Use the best available evidence to critically discuss methods of biopsy, management options, and research into breast disease.

CO7. Explain the importance of the multidisciplinary team in the diagnosis and management of breast disease.

Upon completion of this course, students will have achieved the following combination of Graduate Qualities and Course Objectives:

	Graduate Qualities being assessed through the course						
	GQ1	GQ2	GQ3	GQ4	GQ5	GQ6	GQ7
CO1	•	•			•	•	•
CO2	•	•					
CO3	•	•	•	•		•	
CO4		•	•			•	•
CO5	•	•	•				•
CO6	•	•	•			•	•
CO7	•	•			•	•	•

Graduate Qualities

A graduate of UniSA:

GQ1. operates effectively with and upon a body of knowledge of sufficient depth to begin professional practice

GQ2. is prepared for life-long learning in pursuit of personal development and excellence in professional practice

GQ3. is an effective problem solver, capable of applying logical, critical, and creative thinking to a range of problems

GQ4. can work both autonomously and collaboratively as a professional

GQ5. is committed to ethical action and social responsibility as a professional and citizen

GQ6. communicates effectively in professional practice and as a member of the community

GQ7. demonstrates international perspectives as a professional and as a citizen

Course Content

Epidemiology and principles of mammography, rationale for screening and screening processes, breast anatomy, physiology and pathology, mammography equipment and quality control procedures, radiation dose and risk, basic positioning techniques, specialised assessment views, imaging the difficult to position client, risk management strategies, artifact evaluation, indications for breast MRI, recognition of benign/malignant appearances, lesion localisation, processor operation and quality assurance, troubleshooting techniques, images and equipment, hormone replacement therapy, role of breast ultrasound, breast prosthesis, stereotaxis, management and treatment of breast disease, communication, patient relations and stress management, mammography equipment including emerging technologies, quality assurance and site quality control for digital mammography, digital mammography workshop, infection control procedures.

Teaching and Learning Arrangements

Workshop

7 hours x 5 days

Unit Value

4.5 units

Student recording of learning activities

Students must seek permission prior to recording any UniSA learning activity. See [A-56 Policy Student recording of learning activities](https://i.unisa.edu.au/siteassets/policies-and-procedures/docs/academic/a56_student-recording-of-learning-activities.pdf) (https://i.unisa.edu.au/siteassets/policies-and-procedures/docs/academic/a56_student-recording-of-learning-activities.pdf)

Breaches of this Policy contravene the principles of academic integrity, and attract the penalties provided in the [Academic Integrity Procedure](https://i.unisa.edu.au/policies-and-procedures/university-policies/) (https://i.unisa.edu.au/policies-and-procedures/university-policies/).

Further Course Information

Lectures will be provided by guest speakers throughout the week covering a range of topics on breast imaging including but not restricted to:

Breast Screening Overview, Breast Anatomy and Physiology, Mammography Equipment, Basic Mammography Techniques, Breast Pathology Radiation Physics, Specialised Mammography Techniques, Hormone Replacement Therapy and Breast Self-Awareness, Lesion Localisation
Introduction to Breast Ultrasound to name a few.

Group work will be undertaken in workshops in small groups facilitated by the organisers.

Learning Resources

Textbook(s)

There are no textbooks listed for this course.

learnonline course site

All course related materials are available on your learnonline course site which you will be able to access from the 'my Current Studies' section in myUniSA (<https://my.unisa.edu.au>).

Access to Previous Courses

You will have access to your previous course sites for a period of 4 years. After this time, the course sites will be archived and will be unavailable.

Note: Course readings provided via the University Library are only made available to current students and staff due to licensing and copyright restrictions. Students may download their course readings while they are enrolled in the course for their personal research purposes only.

Assessment

Academic Integrity

Academic integrity is the foundation of university life and is fundamental to the reputation of UniSA and its staff and students. Academic integrity means a commitment by all staff and students to act with honesty, trustworthiness, fairness, respect and responsibility in all academic work.

An important part of practising integrity in academic work is showing respect for other people's ideas and being honest about how they have contributed to your work. This means taking care not to represent the work of others as your own. Using another person's work without proper acknowledgement is considered Academic Misconduct, and the University takes this very seriously.

The University of South Australia expects students to demonstrate the highest standards of academic integrity so that its qualifications are earned honestly and are trusted and valued by its students and their employers. To ensure this happens, the University has policies and procedures in place to promote academic integrity and manage academic misconduct. For example, work submitted electronically by students for assessment will be examined for copied and un-referenced text using the text comparison software Turnitin <http://www.turnitin.com>.

It is an offence for any person or company to provide academic cheating services to students of Australian universities, irrespective of whether the service is provided by an Australian or overseas operator (see [Tertiary Education Quality and Standards Agency Amendment \(Prohibiting Academic Cheating Services\) Bill 2019](https://www.legislation.gov.au/Details/C2020A00078) - <https://www.legislation.gov.au/Details/C2020A00078>). "Academic cheating services" includes providing or undertaking work for students, where that work forms a substantial part of an assessment task.

More information about academic integrity and what constitutes academic misconduct can be found in the [Academic Integrity Policy and Procedure](https://i.unisa.edu.au/policies-and-procedures/university-policies/academic/ab-69) (<https://i.unisa.edu.au/policies-and-procedures/university-policies/academic/ab-69>).

To learn more on academic integrity and how to avoid academic misconduct, please refer to the Academic Integrity Module: <https://lo.unisa.edu.au/mod/book/view.php?id=252142>

Important information about all assessment

All students must adhere to the University of South Australia's [procedures about assessment](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/): <http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>.

Assessment Details

Details of assessment submission and return are listed under each assessment task. Assessment tasks will be returned to you within 15 working days of submission.

Cover sheets

A cover sheet is not required for assessment tasks submitted via learnonline, as the system automatically generates one.

If the Course Coordinator allows submissions in hard copy format, you will be required to attach an Assignment Cover Sheet which is available on the learnonline student help (https://asklearnonline.unisa.edu.au/app/answers/detail/a_id/2222/kw/coversheet) and in myUniSA.

Assessment Descriptions

Assessment 1

Single		50% of Course Total		Objectives being assessed:CO1, CO2, CO3, CO4, CO5			
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Compression Assignment	No	2000 words	-	12 Sep 2023, 11:59 PM	learnonline	No	No

Further information on re-marking and re-submission is available in the academic policy, AB-68 P4 Re-marking and Re-submission Procedure

More information will be provided in the workshop.

Assessment 2

Single		50% of Course Total		Objectives being assessed:CO1, CO2, CO3, CO4, CO5, CO6, CO7			
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Case Study	No	2000 words	-	18 Oct 2023, 11:59 PM	learnonline	No	No

Further information on re-marking and re-submission is available in the academic policy, AB-68 P4 Re-marking and Re-submission Procedure

More information will be provided in the workshop.

Feedback proformas

The feedback proforma is available on your course site.

Additional assessment requirements

The length of time for completion of this module is Six (6) months after completion of Academic Week, unless prior arrangement with the Course Coordinator.

Marking process

Marking criteria will be provided at the course.

Penalties for late submission

Late submission of assessment tasks in this course will result in a penalty unless an extension has been granted or the student can provide evidence of unexpected or exceptional circumstances as defined by Section 7.8 in the Assessment Policies and Procedures Manual. Please note that this is a policy so non-negotiable. Students are therefore encouraged to plan their time accordingly and submit extension requests before the due date if they are unable to meet the deadlines.

The penalty for late submissions will be:

1. a deduction of 10% of the available marks, for each day (or part thereof) that the assignment is late up to a maximum of 5 days.

Thus, for an assessment item that is one day late the maximum mark available will be 90%, and for two days late 80% etc. By way of example, if a student achieved a mark of 65% for an assignment that was submitted one day late, their adjusted mark would be 65% of a total available mark of 90%, so the mark would be adjusted to 58.5%.

2. assignments which are more than 5 days late may not be assessed and will be assigned a zero grade inclusive of non-graded pass work. Whether or not an assignment that is more than 5 days late will be assessed will be at the discretion of the Course Coordinator.

Rationale for Late submission of assessment tasks policy

If unexpected or exceptional circumstances (as defined by Section 7.8 in the Assessment Policies and Procedures Manual) occur that result in late submission, or if an extension has been granted for an assessment item, there will be no penalty.

However, where no extension has been granted, and there were no unexpected or exceptional circumstances that resulted in late submission a penalty will be applied. This is to prevent students from seeking to obtain an unfair advantage, compared with their peers, by having more time to complete an assessment item.

It was considered that if a student were to work on an assessment item for one day they might be able to improve their mark by 10%, so a 10% penalty has been applied to offset any such advantage that might be gained.

The 10% deduction will be from the available mark rather than the achieved mark to ensure equity between students. By way of example:

1) If a student achieved a mark of 77 (Distinction), but the assessment item was submitted two days late, their grade becomes 77% of 80 = 61.6 which is a true 20% reduction.

If the 20% deduction were applied to the achieved mark this would be $77\% - 20\% = 57\%$, which would actually represent a 26% reduction of their achieved grade.

2) If a student achieves a mark of 54 (P2) and is 2 days late in submitting the assessment item, their grade becomes 54% of 80 = 43.2 which is a true 20% reduction. If the 20% deduction were applied to the achieved mark this would be $54\% - 20\% = 34\%$ which represents an actual 37% reduction of their achieved grade. Thus, if the deduction were applied to the achieved mark both students would experience a different real deduction depending on the actual mark they achieved. Thus, in the interest of student equity the deduction will be taken from the available mark.

Exam Arrangements

Exam Arrangements

This course does not have an exam.

Deferred Assessment or Examination

Deferred assessment or examination is not available for this course. APPM 7.6.4

Supplementary Assessment

Supplementary assessment or examination offers students an opportunity to gain a supplementary pass (SP) and is available to all students under specific conditions unless supplementary assessment or examination has not been approved for the course.

Specific conditions and further information is available in the [Variations to Assessment Procedure](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/). <http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>

Special Consideration

Variations to assessment tasks

Details for which variation may be considered are discussed in the [Variations to Assessment Procedure](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/) (<http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>). Variation to assessment in unexpected or exceptional circumstances should be discussed with your course coordinator as soon as possible.

More information about variation to assessment is available in the [Variations to Assessment Procedure](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/) (<http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/>).

Students with disabilities or medical conditions please refer to **Students with disabilities or medical conditions**.

Students with disabilities or medical conditions

Students with disabilities or medical conditions or students who are carers of a person with a disability may be entitled to a variation or modification to standard assessment arrangements. See the [Variations to Assessment Procedure](http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/) at: <http://i.unisa.edu.au/policies-and-procedures/codes/assessment-policies/> and Policy C7 [Students with Disability](https://i.unisa.edu.au/policies-and-procedures/university-policies/corporate/c-7/) at: <https://i.unisa.edu.au/policies-and-procedures/university-policies/corporate/c-7/>

Students who require variations or modifications to standard assessment arrangements must first register for an Access Plan with the UniSA Access & Inclusion Service. It is important to contact the Access & Inclusion service early to ensure that appropriate support can be implemented or arranged in a timely manner.

Students who wish to apply for an Access Plan must book an appointment with a UniSA Access & Inclusion Advisor by contacting Campus Central or via the Online Booking System in the Student Portal. For more information about Access Plans please visit: <https://i.unisa.edu.au/students/student-support-services/access-inclusion/>

Once an Access Plan has been approved, students must advise their Course Coordinator as early as possible to ensure that appropriate supports can be implemented or arranged in a timely manner.

Students are advised there are also strict deadlines to finalise Access Plan arrangements prior to examinations. Further information is available at: http://i.unisa.edu.au/campus-central/Exams_R/Before-the-Exam/Alternative-exam-arrangements/

Action from previous evaluations

Student feedback is appreciated and BreastScreen SA in conjunction with UniSA endeavour to improve the course based on student evaluation.

Course Calendar

Study Period 5 - 2023

	Weeks	Topic	Assessment Details (Adelaide Time)
	10 - 16 July		
	17 - 23 July		
1	24 - 30 July	BreastScreen overview Basic breast anatomy and physiology Breast density	
2	31 July - 6 August	Basic mammography equipment Basic mammography Technique, ergonomics and breast compression Mammography image evaluation and troubleshooting the non-optimum image	
3	07 - 13 August	Radiation physics Tomosynthesis, quality assurance and breast pathology	
4	14 - 20 August	Communication and cultural awareness: the breast imaging department Breast Prosthesis	
5	21 - 27 August	Specialised views and imaging the more challenging to position client Breast imaging-lesion localisation	
6	28 August - 3 September	Introduction to stereotactic mammography Breast biopsy techniques Analysis of breast specimens Correlation with breast ultrasound	
7	04 - 10 September	Risk benefit analysis of screening mammography	
8	11 - 17 September	Breast MRI and other modalities for breast imaging Infection control	Compression Assignment due 12 Sep 2023, 11:59 PM
	18 - 24 September	Mid-break	
	25 September - 1 October	Mid-break	
9	02 - 8 October	Revision	
10	09 - 15 October	Revision	
11	16 - 22 October	Revision	Case Study due 18 Oct 2023, 11:59 PM
12	23 - 29 October		
13	30 October - 5 November		
14	06 - 12 November		
15	13 - 19 November		
16	20 - 26 November		