



Introduction

Welcome

Hello and welcome to **Advanced Musculoskeletal Sonography RADY5025** for Study Period 2 2023.

It is my role to assist you in navigating this course - my name is Angela and I am the course coordinator for this semester.

My university office hours are **Monday, Tuesday and Wednesday** but I will check emails and the discussion board regularly and I will endeavour to respond to emails promptly.

This course aims to build on the knowledge that you developed in the prerequisite course Musculoskeletal Sonography - RADY5029.

You must have previously passed Musculoskeletal Sonography to undertake this course. If you have not, then please revise your enrolment or contact me.

You are also required to have access to Advanced Musculoskeletal cases while studying this course.

I am happy to discuss these areas with you if you think that you have the access, knowledge and the skills to take this course.

You will have access to the "*learnonline*" resources that are available through myUNISA which will assist with your studies during the semester. This is where you will find the **study guide** and **learning modules** for this course. This learnonline page and your study guide will assist you with your learning throughout the semester.

Please read this **Course Outline** in conjunction with the **Study Guide** and note the **Key Dates** listed. It is important that you be aware of the due dates for the compulsory quiz and assignments as failure to submit any of these will result in failure of this course.

It is also important that you **access your university emails** at least **once a week** and check and participate in the discussion board on the learnonline site regularly. Here you will find tips, including helpful assignment information and reminders regarding up coming events throughout the study period. This is also where you can ask any questions regarding the course or assignments. I check this board and respond to any questions regularly!

I recommend you login and introduce yourself on the discussion board as a first port of call. Student discussion on the forum is most welcome and I encourage you all to post interesting cases or scanning tips here throughout the study period.

Please note that you should manage your time efficiently throughout the study period and you should also be aware that there is an expectation that you should be studying for at least **10 hours** per week.

I am contactable via email, and by phone for urgent issues only, should you need to talk, please email first so we can coordinate a good time. **(It is important to use your university email account and state which course you are studying when emailing).**

I look forward to working with you during the semester, and wish you all the very best with your studies.

Best wishes,

Angela Farley

Academic Work Definitions

External mode includes online, distance education, industry placement or directed research. Virtual classrooms are deemed to be an external mode of delivery. External mode does not normally include a face to face component, however some courses offered in external mode may require a small component of on-campus activity, or practical sessions.

The expectations of your activity and preparation for each course will be aligned to the activity being undertaken. For example, if you are studying externally and there are virtual lectures, your preparation would be as listed under the lecture section of this guide.

You may also be supported through online facilitation, with preparation required, and other learning activities provided in your course, that will each have specific preparation requirements for you. These requirements should be set out in individual course guides.

Peer Interaction is usually included in UniSA courses in both external and internal modes of delivery and is considered a critical element of the learning process that may involve activities, projects, discussion forums, presentations, practicals, workshops.

Lecture

Student information

A lecture is delivery of course content either in person, or online in a virtual classroom, that builds on the course readings and pre-lecture requirements for you and other students in the course. The primary purpose of the lecture is to comprehensively describe and explain course content, ideas or skills to provide a foundation on which students build understanding through extended study. Lectures may also be pre-recorded and embedded in online courses.

All students are expected to have undertaken required readings and assigned activities prior to the lecture.

Tutorial

Student information

A tutorial can be conducted either in person or online in a virtual classroom. A tutorial is a facilitated group discussion, where your tutor leads analyses of issues and/or more detailed explanations related to the topics provided to you in online resources and/or lectures.

All students are expected to be familiar with relevant lecture content and readings prior to a tutorial and to participate actively in the related activities assigned for preparation. Tutorials may include a range of activities, including problem solving, group work, practical activities, and presentations.

Workshop

Student information

A workshop is a structured activity, delivered either in person or online in a virtual classroom in which the student is required to actively contribute. Your instructor will facilitate guided activities that relate to course content previously covered in a lecture and/or seminar and/or tutorial.

All students are expected to be familiar with relevant lecture seminar and/or tutorial content prior to a workshop in preparation for undertaking the activities in the workshop.

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.

Course Teaching Staff

Online Course Facilitator:	Mrs Angela Farley
Location:	UniSA Allied Health & Human Performance BJ1-18
Telephone:	+61 8 8302 2913
Email:	Angela.Farley@unisa.edu.au
Staff Home Page:	people.unisa.edu.au/Angela.Farley

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

Contact Details

Course Overview

Prerequisite(s)

Individual Compulsory Courses

RADY 5020 Musculoskeletal Sonography 1

RADY 5029 Musculoskeletal Sonography

Prerequisite Comments

Knowledge of general medical sonography scanning principles will be assumed. Students are only required to have one of the above courses for their prerequisite.

Corequisite(s)

Corequisite Comments

The student should be an accredited medical sonographer and working in an environment where diagnostic medical sonography is performed.

Course Aim

The aim of this course is to enable the student to acquire the knowledge and develop advanced skills required to perform non routine region specific practical procedures in musculoskeletal sonography.

Course Objectives

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

CO1. Appraise a case which illustrates how sonography is used to diagnose a complex musculoskeletal condition.

CO2. Evaluate sonographic images to identify normal and complex musculoskeletal pathology.

CO3. Report on a diagnostic musculoskeletal clinical case that required advanced sonographic scanning skills, image interpretation and clinical reasoning.

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	•	•	•			•	

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

Gross anatomy and pathophysiology of the musculoskeletal structures that present in complex case of of the shoulder, elbow, ankle and foot, hand and wrist, knee, hip, groin and buttock, upper arm, forearm, thigh, lower leg. Clinical signs and symptoms, diagnostic test results (including other imaging modalities) associated with complex pathophysiological conditions of the shoulder, elbow, ankle and foot, hand and wrist, knee, hip, groin and buttock.

Teaching and Learning Arrangements

External

13 weeks

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

You will be asked to provide evidence that you are an accredited sonographer working in an ultrasound department, by getting a senior person in your department to sign a form (Prerequisite/co-requisite form).

Your final assignment asks you to report on a Musculoskeletal case that you have been involved in. If you don't have access to musculoskeletal cases in your department, please let the course coordinator know.

Learning Resources

Textbook(s)

There are no textbooks listed for this course.

Reference(s)

Reference materials are provided in the Learnonline site 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		20% of Course Total			Objectives being assessed:CO1, CO2, CO3		
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Case Study Presentation	No	2000 words	-	14 Apr 2023, 11:00 PM	learnonline	Yes	Yes

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

Case Study Presentation

This case study assessment is in three parts (A,B,C).

A brief outline is provided below. Detailed assignment information and instructions, are provided for you on the learnonline site. Please refer to these before starting the assignment. Look for the '**Assessment: Case Study Presentation**' section in the course navigation menu.

Part A: You will choose a case study topic from the list provided on the dedicated 'Case Study Presentation' discussion forum (found within the section mentioned above). You will then use a template containing a set of questions to develop a powerpoint presentation about your chosen musculoskeletal topic.

This will help you learn the process of developing a case study presentation for a conference. You will be sharing your research on the pathology with your fellow students by recording a presentation and posting the file to the discussion forum. You will also need to submit your template 'script' including references to the Gradebook link and generate a Turnitin report to ensure university academic integrity policies are adhered to.

Due date: Friday 14th April @ 11:00PM.

Part B: You will then need to visit the designated discussion forum and watch each of the presentations. Use this discussion forum to pose a question about the cases submitted to **TWO** of your fellow students.

Due date: Monday 1st May @ 11:00PM.

Part C: You will use the designated discussion forum to answer questions submitted by **TWO** of your fellow students.

Due date: Friday 12th May @ 11:00PM.

Referencing to be used for this assignment is **IEEE Referencing Style**.

Assessment 2

Single		60% of Course Total			Objectives being assessed:CO1, CO2, CO3		
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Case Study Report	No	3000 words	-	9 Jun 2023, 11:00 PM	learnonline	Yes	Yes

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

Case Study Report

This assessment is a case study of a case you have performed during your clinical practice. A brief outline is provided below. Detailed assignment information and instructions, are provided for you on the learnonline site. Please refer to these before starting the assignment. Look for the '**Assessment: Case Study Report**' section in the course navigation menu.

The case must relate to the content of the course as outlined in the study guide and can not be on the same topic that you addressed in the first assignment, the Case Study Presentation.

You will be provided with formatting guidelines that are consistent with author guidelines for a journal.

This will help you learn the process of submitting a paper to a journal for publication.

Referencing to be used for this assignment is **IEEE Referencing Style**.

Due date: Friday 9th June @ 11:00PM.

Assessment 3

Single		20% of Course Total			Objectives being assessed:CO1, CO2, CO3		
Title	Team work	Length	Duration	Due date (Adelaide Time)	Submit via	Re-Submission	Re-Marking
Online Compulsory Quiz	No	50 questions	-	26 Jun 2023, 11:00 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

Online Compulsory Quiz

A brief outline is provided below. Detailed assignment information and instructions, are provided for you on the learnonline site. Please refer to these before starting the assignment. Look for the '**Assessment: Online Compulsory Quiz**' section in the course navigation menu.

This assessment is an online image interpretation quiz to help you consolidate key concepts of the course that you have learnt throughout the study period. It will also ensure you have exposure to sonographic images with pathologies and will help you practice and refine your image interpretation skills.

The quiz will be open on Monday the 19th of June and will be open for one week only.

Due date: This quiz will close on Monday 26th June @ 11:00PM.

Feedback proformas

The feedback proforma is available on your course site.

Further Assessment Information

Students must attempt each assessment component to pass the course.

Extensions may be granted for a negotiable number of days at the discretion of the course coordinator. All extensions should be submitted through the 'extensions' link on the learnonline site. An extension may be granted for up to a week without supporting documentation. For any requested extension longer than one week,

written evidence should be provided for medical or compassionate grounds with the School of Health Sciences 'Request for Extension form.

Late submissions may incur a reduction of 10% of grades for every day the assignment is late.

Word counts and referencing styles are explained for each assessment.

Additional assessment requirements

Students must submit each assessment component and pass the Case Study to obtain a pass for this course.

Marking process

Before the final grade is determined marks may be moderated or scaled to ensure consistency between markers.

Penalties for late submission

Late submission of assessment tasks policy

The penalty for late submissions within this course 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 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 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.

Negotiable assessment methods

For the Case study, if you don't have access to Musculoskeletal cases in your sonography practice, please let me know.

Depending on your circumstances, an alternate assessment may be arranged.

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

Special consideration is available for this course. Note: Special consideration cannot be granted for a deferred assessment or examination, or a supplementary assessment or examination. APPM 7.7.6

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

Towards the end of the course we would ask that you access the Course Evaluation Questionnaire available on the course learnonline page. In order to keep our courses at a high standard we rely on feedback from you, so please take a little time to complete this questionnaire.

Feedback from students has helped improve the online resources on the learnonline site.

Course Calendar

Study Period 2 - 2023

	Weeks	Topic	Comments	Public Holidays
	13 - 19 February	Pre-teaching		
	20 - 26 February	Pre-teaching		
1	27 February - 5 March	Module 1 - Introduction		
2	06 - 12 March	Module 2 - Advanced Shoulder	Coreq/Prereq form DUE Tuesday 7th March @ 11pm	
3	13 - 19 March	Module 3 - Upper Arm & Elbow		Adelaide Cup Day 13 Mar 2023
4	20 - 26 March	Module 4 - Forearm		
5	27 March - 2 April	Module 5 - Hand & Wrist	CENSUS DATE 31st March	
6	03 - 9 April	Upper Limb Modules Catch Up Week		Good Friday 07 Apr 2023
7	10 - 16 April	Assignment Work Week	Case Study Presentation Part A DUE Friday 14th April @ 11pm	Easter Monday 10 Apr 2023
8	17 - 23 April	Module 6 - Pelvis & Hip		
	24 - 30 April	Mid-break		Anzac Day 25 Apr 2023
9	01 - 7 May	Module 7 - Thigh & Knee	Case Study Presentation Part B DUE Monday 1st May @ 11pm	
10	08 - 14 May	Module 8 - Leg	Case Study Presentation Part C DUE Friday 12th May @ 11pm	
11	15 - 21 May	Module 9 - Ankle & Foot		
12	22 - 28 May	Lower Limb Modules Catch Up Week		
13	29 May - 4 June	Assessment Work Week		
14	05 - 11 June	Assessment Work Week	Case Study Report DUE Friday 9th June @ 11pm	
15	12 - 18 June	Revision Week		Queens Birthday 12 Jun 2023
16	19 - 25 June	Assessment Work Week	Compulsory Online Quiz OPENS Monday 19th June @ 9am	
17	26 June - 2 July	Final Week	Compulsory Online Quiz CLOSES Monday 26th June @ 11pm	