

**ASAR**Australian Sonographer
Accreditation RegistryAustralian Sonographer Accreditation Registry Limited
(02) 8850 1144, registry@asar.com.au, www.asar.com.au

Appendix 4 – Subject Outline

Name of Subject/Unit

Subject/Unit Code

(Use a separate template for each subject/unit in the course)

Section 1: General Information

1.1 Core or elective subject/unit Indicate if the subject/unit is a:

☒ core subject/unit

☐ elective subject/unit

☐ other (please specify):

1.2 Subject/unit weighting

If applicable, indicate, the weighting of this subject/unit and the total course points (eg 10 credit points for the subject/unit and 320 credit points for the course).

Subject/Unit Credit Points (eg 10 credit points)

Total Course Credit Points (eg 320 credit points)

1.3 Student workload

Indicate below, the expected student workload per week for this subject/unit:

Number timetabled hours/week*

Number personal study hours/week**

Number clinical placement hour/week***

Total workload hours/week****

* Total time spent per week at lectures, tutorials, etc

** Total time students are expected to spend per week in studying, completing assignments, etc

*** Total time spent per week on clinical placements

**** That is, * + ** + *** = workload hours.

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Indicate if this subject/unit is delivered (You may tick more than one box).

☐

face to face

☒

online

☐

independent learning module/untimetabled study

☐

by a combination of modes (please specify)

☐

through a practicum

☐

other

Other (please specify)

1.5 Pre-requisites and / or assumed knowledge

Are students required to have undertaken a prerequisite/co-requisite subject/unit(s) for this subject/unit?

☒

Yes

☐

No

If **yes**, provide details of the prerequisite/co-requisite or assumed knowledge requirements below:**Prerequisites:**

RADY 5024 Professional Issues for Sonographers

RADY 5030 Ultrasound Physics and Instrumentation

RADY 5013 Abdominal Sonography

RADY5015 Superficial Parts Sonography

RADY 5016 Vascular Sonography

RADY 5014 Obstetric and Gynaecologic Sonography

RADY 5029 Musculoskeletal Sonography

Corequisite:

Engaged in ultrasound examinations for minimum 200 hours per study period

1.6 Resource requirements

Do students require access to specialist facilities and/or equipment for this subject/unit (eg specialist facilities, computer access, equipment, particular case / scan types, libraries)?

☒

Yes

☐

No

If **yes**, provide details of the requirements below. Please attach floor plans and photographs or videos showing the facilities and equipment that will be used for the course.

Students need to access the learnonline (moodle) website for this subject. The website provides resource, assessment portals & discussion boards. Students also can access the library and a number of online texts.



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Section 2 – Academic Details

2.1 Student learning outcomes/objectives

List the clinical and academic learning outcomes / objectives students would be expected to attain by successfully completing this subject/unit (link to assessment tasks (refer to 2.4 below)):

- a)

Use integrated knowledge of relevant anatomy, physiology, pathophysiology, ultrasound physics and image optimisation to competently implement sonographic examinations.

- b)

Deliver safe, patient centred services.

- c)

Practice effectively and problem solve within professional and ethical frameworks.
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- d)

Communicate effectively with patients and other professionals across a range of contexts.

- e)

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- f)

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- g)

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- h)

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- i)

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- j)

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2.2 Subject/unit content and structure

Provide details in the table below, about the subject/unit content and how it is structured, including practical components such as laboratory, studio and work-based placements. **NOTE:** Please attach course materials where available

This course is designed to assist students in the transition from Accredited student Sonographer to an **Accredited Medical Sonographer AMS** and therefore gain eligibility for entry to the ASAR registry as an AMS.

This capstone course consolidates the academic knowledge students have already obtained prerequisite courses in the program, to clinical training and knowledge. Students are provided with extensive information on the learn-online platform regarding the assessable items in this course along with due dates for these items. Focus is laid on students competent in the requisite range of scanning regions. Emphasis on practical tutor assessments in scanning areas as prescribed by the ASAR is the foundation. Students must demonstrate evidence of having attained clinical training milestone hours and have incorporated a learning contract with the agreement of their clinical supervisor signatures.

A protocol review assignment demonstrates their consolidation of work integrated learning in this capstone course. This presentation is also peer reviewed and demonstrates a constructive review of workplace protocols against contemporary research in their areas of interest.

The course then culminates with the Objective Structured Clinical examinations (OSCEs), when eligible students are allocated dates and times to attend exams. Most recent OSCE's have been conducted away from campus due to the ongoing effects of COVID 19 Pandemic, and then airline restrictions. A culmination of practical assessments, films, worksheets and video assessment, along with online image interpretation exam, and online one on one oral viva have provided avenues of assessment.

Students are examined in 6 key scanning areas as prescribed by ASAR and attend both online image interpretation/ short answer exam, and oral viva of the prescribed program content. Any aspect of the content may be assessed at these times.

2.3 Teaching methods/strategies

Briefly describe below, the teaching methods/strategies (face to face lectures, online tutorial) used in this subject/unit:

This subject uses a self-directed learning approach. Students are provided access to 6 previous IGSO course learn online sites, which allows them to access all course materials and all of the learning facilities that each of those courses provide. Students should be engaged in clinical ultrasound for at least 200 hours during the study period.

Introductory, mid-semester and revision virtual classrooms are conducted for students to log in live and clarify any doubts. These sessions are recorded and made available for those who could not log into the live session.

Student tips on OSCEs, a mobile game for orientation into the OSCE format and venue, bounce-back resilience activity with case scenarios of common challenging situations and co-ordinator support via the learn-online discussion forum and emails are key student support resources.

Students are provided with extensive information regarding the assessment items in this course along with a large amount of moral support as the final OSCE can be a daunting exam. Students are aware that successful completion of this course and the OSCE provides them with eligibility for accreditation with ASAR.

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2.4 Student assessment:

Provide, in table format as shown below, a schedule of formal clinical and academic assessment tasks and major examinations for the subject/unit

Assessment Type (eg Assignment – 2000 word essay (specify topic), Examination (specify length))	When Assessed (eg Week 5)	Weighting (eg 10% of Total subject/unit marks)	Learning Outcomes Assessed (link to 2.1 above eg (a), (b))
Learning Contract Logbook Audit Protocol Review	Ongoing Week 5 Week 8	P / F	a,b,c d
Objective Structured Clinical Examination Image interpretation exam Oral Viva	week 15	P / F	a,c,d,
Practical Assessment - Tutor Assessment	week 5	P / F	all
Clinical Experience Record (Log Book) Final Clinical Audit	week 15	P / F	all

2.5 Prescribed and recommended readings:

Provide below, in formal reference format, a list of the prescribed and recommended readings:

All texts/resources previously recommended for earlier studies, in addition to recommended readings provided on the learnonline site.

2.6 Required Attachments:

Please provide the following materials for each subject:

1. The learning materials for the student
2. The teaching materials
3. The assessment tasks (academic and clinical)
4. Any materials provided to workplace supervisors.