



Statement of Inherent Requirements

Faculty	Health
Disciplines	Medical Radiation Science
Courses	Undergraduate Course Bachelor of Medical Radiation Science (Medical Imaging) [319JA] Postgraduate Courses Master of Medical Imaging [340JA]

Ethical Behaviour

Inherent Requirement

- Behave ethically and professionally in academic and professional environments, complying with relevant standards and codes of ethics applicable to the medical imaging profession.

Rationale

- Compliance with relevant professional standards and/or codes of conduct, and commonly accepted standards of professional behaviour facilitates safe, competent interactions and relationships for students and the people they engage with in all contexts. This supports the physical, psychological, emotional and spiritual wellbeing of all.

Related Professional Requirements:

Medical Radiation Practice Board of Australia Codes and Guidelines, Guidelines for Professional Conduct for Radiographers, Radiation therapists and Sonographers

Related university requirements: <http://www.canberra.edu.au/current-students/canberra-students/conduct>

Examples

- Apply ethical behaviour in the management of confidential and sensitive personal information.
- Reflect on ethical dilemmas and issues, and take responsibility for ensuring awareness of ethical behaviour.
- Operate within own role and responsibilities in the clinical setting.
- Accept and fulfil responsibilities you are given for patient care.
- Accept and fulfil responsibilities expected as a university student.

Legal Compliance

Inherent Requirement

- Comply with Australian Law, professional regulations and/or scope of practice relevant to the medical imaging profession.

Rationale

- Knowledge, understanding and compliance with Australian Law and professional regulations facilitates effective, professional, responsible and accountable diagnostic radiographers, and is necessary to work effectively and meet professional registration requirements.

Related Professional Requirements: [Privacy Act 1988](#), [Health Practitioner Regulation National Law \(ACT\)](#), [Australian Health Practitioner Regulation Agency \(AHPRA\)](#); [AHPRA Student Registration](#); [Medical Radiation Practice Board of Australia Student Registration](#)

Examples

- Comply with the requirements for student registration with the Australian Health Practitioner Regulation Agency (AHPRA), including that students must report their criminal history and the mandatory requirement of education providers to notify AHPRA if they reasonably believe that a student has an impairment that that in the course of their clinical training may place the public at substantial risk of harm.
- Comply with policies of clinical facilities (e.g. Work Health and Safety Act, infection control, and uniform requirements).
- Obtain informed consent prior to assessment and procedure in the clinical setting.
- Prepare and provide documentation according to legal requirements and accepted procedures and standards.
- Comply with the requirements for student radiation licencing.

Communication Skills

1. Expressive Communication Skills

Inherent Requirement

- Ability to communicate effectively, in English, to a standard that allows clear, scholarly, and professional-level messages and text with language use and style appropriate to the audience.

Rationale

- Communication skills are an essential requirement to develop and maintain trusting relationships, and to perform effectively in an academic and complex professional environment, as well as solve problems and communicate knowledge and understanding of relevant subject matter effectively.

Examples

- Construct coherent written communication to an academic and professional standard as appropriate to the circumstances.
- Advocate for the needs of others and facilitate behavioural change and self-management in others.
- Review, communicate, record and manage patient records and use patient information management systems appropriately and in a timely manner that meets legal and professional standards.

2. Receptive Language Skills

Inherent Requirement

- Ability to assess concepts and meaning in English, using knowledge of language, background knowledge,

critical thinking skills, and self-reflection.

Rationale

- Communication skills are an essential requirement to develop and maintain trusting relationships, and to perform effectively in an academic and complex professional environment, as well as solve problems and communicate knowledge and understanding of relevant subject matter effectively.

Examples

- Comprehend spoken English delivered at conversational speed, including in noisy environments such as hospital settings, and confirm the radiographic procedure according to clinical indicators.
- Understand and follow directions from e.g. staff and health professionals, in university and clinical settings.
- Understand and respond appropriately to verbal and non-verbal communication cues e.g. facial cues for pain and discomfort.
- Recognise and respond appropriately to a patient's needs including responding appropriately to a patient's deteriorating condition.
- Be aware of, and clearly communicate your learning requirements to the appropriate people in a timely manner.

3. Interpersonal Communication Skills

Inherent Requirement

- Respectful communication with others, including the ability to listen, display and respect empathy, build rapport and gain trust to ensure meaningful and effective interactions with people they engage with.

Rationale

- Communication skills are an essential requirement to develop and maintain trusting relationships, and to perform effectively in an academic and complex professional environment, as well as solve problems and communicate knowledge and understanding of relevant subject matter effectively. As a student enrolled in a Medical Imaging course you will be involved in encounters where you must physically interact with patients/ relatives/ carers/ staff /other students coming from a range of ethnic, age, gender and disability backgrounds.

Examples

- Communicate respectfully and work with people of different gender, sexuality and age, and from diverse cultural, religious, socio-economic and educational backgrounds in complex and diverse Australian educational and health settings.
- Establishing rapport with clients, patients, relatives, carers during radiographic examination and respond appropriately to requests from patients, supervisors and other health professionals in the clinical setting.
- Communicate to multiple people (individual, small and large group settings) to convey required information in a comprehensible and audience-appropriate manner, in both clinical and academic environments.
- Respect and maintain personal and professional boundaries.

Behavioural Stability

Inherent Requirement

- Behaviour that is adaptable to effectively manage changing situations sufficiently to maintain academic and professional relationships to acceptable community standards.

Rationale

- Behavioural stability is essential in managing personal emotional responses and behaviour in academic and complex professional environments, including situations of potential human distress. It is required to work constructively in culturally and socially diverse settings and to deal with challenging issues, timelines and ambiguously defined problems. Medical imaging occurs in a broad range of geographic locations, across diverse population groups and utilises multiple imaging modalities. As a student enrolled in a Medical Imaging course you will be involved in patient encounters where patients may be severely injured or be at the end stage of a terminal illness, and work in environments that may be highly stressful. All students must attend clinical workplaces, for extended periods of time, in interstate, metropolitan, regional and rural areas.

Examples

- Reflecting on practice and responding appropriately to constructive feedback.
- Coping with own emotions and behaviour effectively when dealing with individuals in the clinical setting (e.g. maintaining professional empathy and objectivity in the context of a severely injured or dying patient) and when living away from home (e.g. on interstate clinical placements).
- Manage your own work schedule and be able to work effectively and adapt to changing environments (multiple modalities and clinical settings) and work effectively in environments that may be stressful such as operating theatre, intensive and neonatal intensive care wards, to maximise safety and efficiency.
- Manage your own physical and mental health and seek help and/or notify others to maintain patient and public safety.
- Be able to work with and respect the diverse team members with various fields and levels of expertise.

Motor Skills

Inherent requirement

- Sufficient tactile function, strength and mobility to function within diagnostic radiography scope of practice.

Rationale

- Diagnostic radiography requires adequate motor, tactile and visual functions to operate complex diagnostic imaging equipment, computer applications and to perform the full range of radiographic examinations in order to minimise the risk of harm to self and others. As a student enrolled in a Medical Imaging course you must be physically capable to independently move patients and equipment, and to wear protective lead aprons for extended periods of time. Students must comply with a range of workplace health safety requirements including infection control procedures, immunisation, first aid and CPR requirements in order to minimise the risk of harm to self and others, including government requirement that clothing worn during clinical placement does not cover the elbows and forearms.

Examples

- Independently carry, manipulate and/or move x-ray equipment and instrumentation necessary for clinical care.
- Work, including sitting, standing and walking for extended periods of time.
- Wear protective lead gowns (heavy) for extended periods of time.
- Meet workplace health and safety requirements including infection control procedures, immunisation, first aid and CPR.
- Use both upper arms to perform tasks whilst maintaining a standing position such as when positioning an x-ray tube.

Sensory Skills
<p>Inherent requirement</p> <ul style="list-style-type: none"> • Sufficient sensorimotor skills, including visual, auditory and tactile acuity to function within diagnostic radiography scope of practice.
<p>Rationale</p> <ul style="list-style-type: none"> • Diagnostic radiography requires visual, auditory and tactile acuity in order to consistently provide safe and effective care in order to minimise the risk of harm to self and others.
<p>Examples</p> <ul style="list-style-type: none"> • Good visual acuity in order to detect and describe detail (technical and clinical image appearances) in the range of modalities within diagnostic radiography. • Gather and interpret information through touch such as touch patient anatomy to correctly position patients during radiographic examinations. • Effectively manipulate small objects such as lead markers. • Good auditory acuity to respond to patients and other health workers in noisy workplace environments.

Cognitive Skills
<p>Inherent Requirement</p> <ul style="list-style-type: none"> • Acquire knowledge, process information, analyse, think critically and synthesise information to apply knowledge of the discipline and sufficiently meet learning outcomes and academic standards relevant to the course, utilising cognitive, numeracy and literacy skills, including focus, memory, and attention to detail.
<p>Rationale</p> <ul style="list-style-type: none"> • Cognitive skills are essential in acquisition and application of knowledge in both the academic and professional environment.
<p>Examples</p> <ul style="list-style-type: none"> • Ability to conceptualise and use appropriate knowledge in response to academic assessment items. • Ability to synthesise and respond to complex oral, written and image-based information and three-dimensional relationships for anatomy, imaging and clinical examinations. • Apply critical and reflective thinking and use an evidence based approach to solve clinical challenges. • Accurately recall information without reference i.e. considerable accumulation and recall of procedural knowledge is required to undertake diagnostic radiography in clinical environment. • Complete radiographic tasks and examinations in a safe and timely manner and maintain a sufficient level of concentration to safely complete complex radiographic examinations that may last several hours.

ICT Capacity
<p>Inherent Requirement</p> <ul style="list-style-type: none"> • Acquire, and employ information and communications technology (ICT) skills in an appropriate and effective manner, utilising a range of systems in both the academic and professional setting.

Rationale

- Competent ICT skills are essential to successfully access, apply and communicate information.

Examples

- Use patient information, hospital and radiology information systems including picture archiving and communication systems.
- Use appropriate software systems to manipulate images including 3D datasets.
- Accessing electronic journals, eBooks, discipline specific regulatory documents and Government documents and submitting research based assignments online.
- Use a range of software packages to enter, analyse and communicate information (e.g. word, excel).
- Use computer-based simulation equipment.

Sustainable Performance

Inherent requirements

- Consistently completes tasks in a safe and timely manner and within a designated period, where required, while maintaining consistency and quality of performance.

Rationale

- Tasks must be completed consistently and with respect to industry or workplace defined timeframes. Medical imaging occurs in a broad range of geographic locations, across diverse population groups and utilises multiple imaging modalities. As a student enrolled in a Medical Imaging course you must attend clinical workplaces, for extended periods of time, in interstate, metropolitan, regional and rural areas.

Examples

- Regular and punctual attendance in laboratory and tutorial classes, and at designated clinical placements as scheduled throughout the course.
- Submits work, such as assignments, on time and to a high standard.
- Complete radiographic tasks and examinations in a safe and timely manner.
- Organise accommodation and travel where clinical placement requires you to live away from your normal residence and manage living away from home for extended periods of time.
- Organise travel to and from clinical placements.