

## Course Specification Template (Apprenticeships)

This specification provides a concise summary of the main features of the course and the learning outcomes that a typical learner might reasonably be expected to achieve and demonstrate if they take full advantage of the learning opportunities that are provided.

We undertake continuous review of our courses to ensure quality enhancement and professional relevance, in response to learner and other stakeholder feedback and to manage our resources. As a result, this course may be revised during a learner's period of registration. Major changes to courses and modifications to courses are approved following consideration through the University's Course Approval and Review processes or Course and Unit Modification policy, as appropriate. Any changes will be balanced against our obligations to learners as set out in our Student Agreement and Apprentice Agreement and will be discussed with and communicated to learners in an appropriate and timely manner.

### Basic Course Information

<b>Final award and title</b>	BSc (Hons) Diagnostic Radiography (Integrated Degree Apprenticeship)	<b>Course Code</b>	BSDRDAF
<b>FHEQ level and credit of final award</b>	FHEQ Level 6 360 credits		
<b>Intermediate awards titles</b>	Certificate in Higher Education (CertHE) Radiographic Studies Diploma in Higher Education (DipHE) Radiographic Studies Bachelor of Science (BSc) Radiographic Studies  Aegrotat and intermediate exit awards do not convey eligibility to apply for registration with the HCPC		
<b>FHEQ level and credit of intermediate award</b>	Certificate in Higher Education (CertHE) Radiographic Studies Level 4, 120 credits Diploma in Higher Education (DipHE) Radiographic Studies Level 5, 240 credits Bachelor of Science (BSc) Radiographic Studies Level 6, 300 credits		
<b>Awarding Institution</b>	Health Sciences University		
<b>Teaching Institution</b>	Health Sciences University		
<b>Apprenticeship</b>	Diagnostic Radiographer		
<b>Apprenticeship Code</b>	ST0619	<b>Apprenticeship Level</b>	6
<b>End Point Assessment Type</b>	Integrated		
<b>Apprenticeship Duration</b>	36 Months		

<b>Planned off the job learning hours protected learning time</b>	2510 Hours
<b>End Point Assessment preparation hours after gateway</b>	0
<b>Apprenticeship review date</b>	2026
<b>Professional, Statutory and Regulatory Body (PSRB) accreditation/recognition</b>	Health and Care Professions Council (HCPC) - approved course College of Radiographers (CoR) - accreditation to be applied for at the earliest opportunity
<b>Duration of PSRB accreditation/ recognition where applicable)</b>	HCPC – ongoing approval
<b>Mode of study</b>	Hybrid
<b>Distance Learning- Proportion of the course</b>	See Appendix 4 for breakdown of learning hours
<b>Standard length of course</b>	36 months / 3 years
<b>Language of delivery</b>	English
<b>Place of delivery</b>	Health Sciences University, Bournemouth
<b>UCAS code (where applicable)</b>	Not Applicable
<b>HECOS Code(s)</b>	100129
<b>Date Course initially approved</b>	Aug 2025
<b>Version number</b>	1
<b>Date this version approved</b>	Aug 2025
<b>Academic year from which this applies</b>	2025/26
<b>Author and End Point Assessment (EPA) Lead</b>	Michelle Holmes, Sherril Spencer & Ann Kennedy EPA Lead – Stewart Cotterill (Head of School)

## Course Overview

<b>1. Admissions regulations and entry requirements</b>
<p><b>Admissions Regulations</b></p> <p>The regulations for this Course are the University’s Standard Admission Regulations which may be found from the University’s <a href="#">Academic Policies and Procedures webpage</a>. These regulations include the general entry requirements and specific requirements regarding English language.</p>

As this is an Institute for Apprenticeships and Technical Education integrated degree, the learner, employer and university must also adhere to the requirements set for the [Diagnostic Radiographer Apprenticeship](#) and the [eligibility funding criteria of the Department for Education](#) and be employed with full employer support.

In addition, apprenticeship funding comes with the following requirements:

- You must be employed for a minimum of 30 hours per week, at least 50% of these hours must be working in England.
- Your employment must be linked to this apprenticeship course.
- You must have resided in the UK for a minimum of 3 years.
- You must be eligible for apprenticeship funding through your employer.
- You must not be enrolled on another apprenticeship
- You are also required to complete an occupational health questionnaire and screening, to assess your readiness to undertake the course (e.g. physical and mental health, inoculation status etc). You also require a Disclosure and Barring Service (DBS) check. It is anticipated that these requirements will align to the requirements of your employment.

To comply with the requirements of HCPC, the English as a second language requirements are higher than for other undergraduate programmes. The requirements are for the standard equivalent to level 7.0 of the International Language Testing System, with no element below 6.5. The test covers reading, writing, listening and speaking. Alternatively, the requirements for the Occupational English Test (OET), individuals must have no individual sub-test score below 300 and an overall minimum score 1400. Test scores should be no more than 2 years old on application.

### **Entry Requirements**

The detailed entry requirements for the course may be found from the relevant course page on the University's [website](#).

The entry requirements for the course are the following:

- Learners must have GCSE pass (A-C or 4-9) English and Maths or equivalent e.g. level 2 functional skills in English and Maths **AND**
- Level 5 qualification i.e. FdSc Assistant Practitioner **OR**
- Three A Levels BBC or above **OR**
- BTEC: DMM or above **OR**
- Access to HE Diploma: A total of 112-120 UCAS points in a relevant Access to HE Diploma **OR**
- International Baccalaureate: Overall grade of 30-32 points or higher **OR**
- T Level: Merit

### **Recognition of Prior Learning (RPL)**

An initial assessment of your knowledge, skills and behaviours will be undertaken as part of the process for determining eligibility for admission to the apprenticeship. This will include consideration of:

- Prior education, training or associated qualifications in a related subject area, including any previous apprenticeships undertaken
- Learning or competence gained from prior work experience.

The University has a Recognition of Prior Learning Policy which can be found in the [University's Recruitment, Selection and Admission Policy and Procedure for Taught Courses](#).

## 2. Aims of the course

The aims of the course are to:

- Develop the knowledge, skills and behaviours required to meet the standards of proficiency to register as a radiographer with the HCPC.
- Develop the breadth and depth of knowledge, competence, autonomy, reasoning, and compassion required to provide exceptional, professional, safe and effective person-centered healthcare for a broad scope of practice in medical imaging, in complex, demanding and changing environments and within the legal and ethical frameworks of the profession.
- Develop diagnostic radiographers who ensure the well-being of service users is protected at all times, respecting and upholding the dignity, values, and autonomy of all service users.
- Develop an appreciation of the impact of culture, equality and diversity on practice enabling graduates to practise in a non-discriminatory and inclusive manner
- Equip graduates with highly effective and sensitive communication skills
- Develop the skills to support the formation and maintenance of successful collaborative partnerships directly with service users but also with families, carers, other agencies, and professionals to ensure the provision of the highest quality person-centered service.
- Train radiography practitioners that practice autonomously, based on the best available evidence and in line with local, national, and professional body guidelines.
- Produce practitioners that can research, evaluate, and improve practice, and can influence and lead change that enhances clinical outcomes, service provision and the development of the radiography profession.
- Develop reflective, critical practitioners with a commitment to lifelong learning to develop personal and professional skills within the professional and broader community of healthcare.

## 3. Course Learning Outcomes *and* Knowledge, Skills and Behaviours (KSBs): what apprentices will be expected to achieve as set out in the Apprenticeship Standard

The **KSBs and learning outcomes mapping document** ([Appendix 2](#)) shows the relationship between the KSBs and ILOs for units and the overarching KSBs and ILOs of the course.

### Knowledge

- K1:** The importance of continuing professional development throughout own career.
- K2:** The importance of safeguarding, recognising signs of abuse and the relevant safeguarding processes.
- K3:** What is required of them by the Health and Care Professions Council, including but not limited to the standards of conduct, performance and ethics.
- K4:** The importance of valid consent.
- K5:** The importance of capacity in the context of delivering care and treatment.
- K6:** The scope of a professional duty of care.
- K7:** Legislation, policies and guidance relevant to own profession and scope of practice.
- K8:** The legislative, policy, ethical and research frameworks that underpin, inform and influence the practice of diagnostic radiography.
- K9:** The importance of own mental and physical health and wellbeing strategies in maintaining fitness to practise.

**K10:** How to take appropriate action if own health may affect own ability to practise safely and effectively, including seeking help and support when necessary.

**K11:** The need for active participation in training, supervision and mentoring in supporting high standards of practice, and personal and professional conduct, and the importance of demonstrating this in practice.

**K12:** Equality legislation and how to apply it to own practice.

**K13:** The duty to make reasonable adjustments in practice.

**K14:** The characteristics and consequences of barriers to inclusion, including for socially isolated groups.

**K15:** That regard to equality, diversity and inclusion needs to be embedded in the application of all HCPC standards and across all areas of practice.

**K16:** The emotions, behaviours and psychosocial needs of people undergoing diagnostic imaging, as well as that of their families and carers.

**K17:** When disclosure of confidential information may be required.

**K18:** The principles of information and data governance and be aware of the safe and effective use of health, social care and other relevant information.

**K19:** The need to ensure confidentiality is maintained in all situations in which service users rely on additional communication support, such as interpreters or translators.

**K20:** How concepts of confidentiality and informed consent extend to all mediums, including illustrative clinical records such as photography, video and audio recordings and digital platforms.

**K21:** The characteristics and consequences of verbal and non-verbal communication and recognise how these can be affected by difference of any kind including, but not limited to, protected characteristics, intersectional experiences and cultural differences.

**K22:** The need to support the communication needs of service users and carers, such as through the use of an appropriate interpreter.

**K23:** The need to provide service users or people acting on own behalf with the information necessary in accessible formats to enable them to make informed decisions.

**K24:** The principles and practices of other health and care professionals and systems and how they interact with own profession.

**K25:** The need to build and sustain professional relationships as both an autonomous practitioner and collaboratively as a member of a team.

**K26:** The qualities, behaviours and benefits of leadership.

**K27:** That leadership is a skill all professionals can demonstrate.

**K28:** The need to engage service users and carers in planning and evaluating diagnostics, and therapeutic interventions to meet own needs and goals.

**K29:** Information from other healthcare professionals and service users, in order to maximise health gain whilst minimising risks to the service user, such as from radiation dose.

**K30:** The need to involve service users in service design, service delivery, education and research.

**K31:** The need to engage service users and carers in planning and evaluating their diagnostic imaging and interventional procedures.

**K32:** The value of reflective practice and the need to record the outcome of such reflection to support continuous improvement.

**K33:** The value of multi-disciplinary reviews, case conferences and other methods of review.

**K34:** The value of gathering and using data for quality assurance and improvement programmes.

**K35:** The principles and regulatory requirements for quality control and quality assurance as they apply to their profession.

**K36:** The quality improvement processes in place relevant to their profession.

**K37:** The structure and function of the human body, together with knowledge of physical and mental health, disease, disorder and dysfunction relevant to their profession.

**K38:** Recognise the roles of other professions and services in health and social care and understand how they may relate to the role of radiographer.

**K39:** The structure and function of health and social care systems and services in the UK.

**K40:** The role of the diagnostic radiographer and other operators in the promotion of health and health education in relation to public health, healthy living and health screening for disease detection.

**K41:** The harms and benefits of population and targeted health screening.

**K42:** The radiobiological principles on which the practice of diagnostic radiography is based.

**K43:** The concept of risk vs benefit with regards to ionising radiation and non-ionising radiation, acknowledging this will differ depending on modality, and communicate this with service users, taking into consideration service user judgement.

**K44:** The philosophy and principles involved in the practice of their profession.

**K45:** The principles of ionising radiation production, interaction with matter, beam modification, administration of radionuclides and radiation protection.

**K46:** The physical and scientific principles on which image formation using ionising and non-ionising radiation is based.

**K47:** Radiation dosimetry and the principles of dose calculation.

**K48:** The theoretical basis underpinning service user assessment prior to and during their procedure.

**K49:** The capability, applications and range of equipment used in their profession.

**K50:** The concepts and principles involved in the practice of their profession and how these inform and direct clinical judgement and decision making.

**K51:** The pharmacology of drugs used in their profession.

**K52:** The legislation, principles and methods for the safe and effective administration of drugs used in their profession.

**K53:** The mechanisms for the administration of drugs, including intravenous and oral contrast agents.

**K54:** The principles of the safe storage, transportation and disposal of medicinal products used in relation their profession.

**K55:** The different communication needs, anatomy and disease processes and their manifestation in children.

	<p><b>K56:</b> The signs and symptoms of disease and trauma that result in referral for diagnostic imaging procedures and their image appearances.</p> <p><b>K57:</b> The structure and function of the human body in health, disease and trauma, as well as common pathologies and mechanisms of disease and trauma, including the:– musculoskeletal system– soft tissue organs– regional and cross-sectional anatomy of the head, neck, limbs, thorax, pelvis and abdomen– the cardiovascular, respiratory, genitourinary, gastrointestinal and neuroendocrine systems.</p> <p><b>K58:</b> A range of research methodologies relevant to own role.</p> <p><b>K59:</b> The value of research to the critical evaluation of practice.</p> <p><b>K60:</b> The need to maintain the safety of themselves and others, including service users, carers and colleagues.</p> <p><b>K61:</b> Relevant health and safety legislation and local operational procedures and policies.</p> <p><b>K62:</b> Appropriate moving and handling techniques.</p> <p><b>K63:</b> The correct principles and applications of disinfectants, methods for sterilisation and decontamination, and for dealing with waste and spillages correctly.</p> <p><b>K64:</b> The role of the profession in health promotion, health education and preventing ill health.</p> <p><b>K65:</b> How social, economic and environmental factors, wider determinants of health, can influence a person’s health and well-being.</p>
<p><b>Skills</b></p>	<p><b>S1:</b> Identify the limits of own practice and when to seek advice or refer to another professional or service.</p> <p><b>S2:</b> Recognise the need to manage own workload and resources safely and effectively, including managing the emotional burden that comes with working in a pressured environment.</p> <p><b>S3:</b> Keep own skills and knowledge up to date.</p> <p><b>S4:</b> Maintain high standards of personal and professional conduct.</p> <p><b>S5:</b> Engage in safeguarding processes where necessary.</p> <p><b>S6:</b> Promote and protect the service user’s interests at all times.</p> <p><b>S7:</b> Respect and uphold the rights, dignity, values, and autonomy of service users, including own role in the assessment, diagnostic, treatment and/or therapeutic process.</p> <p><b>S8:</b> Recognise that relationships with service users, carers and others should be based on mutual respect and trust, and maintain high standards of care in all circumstances.</p> <p><b>S9:</b> Obtain valid consent, which is voluntary and informed, has due regard to capacity, is proportionate to the circumstances and is appropriately documented.</p> <p><b>S10:</b> Exercise a duty of care.</p> <p><b>S11:</b> Apply legislation, policies and guidance relevant to own profession and scope of practice.</p> <p><b>S12:</b> Recognise the power imbalance which comes with being a health care professional, and ensure it is not for personal gain.</p> <p><b>S13:</b> Practise in accordance with current legislation governing the use of ionising and non-ionising radiation for medical and other purposes.</p>

- S14:** Identify own anxiety and stress and recognise the potential impact on own practice.
- S15:** Develop and adopt clear strategies for physical and mental self-care and self-awareness, to maintain a high standard of professional effectiveness and a safe working environment.
- S16:** Recognise that they are personally responsible for, and must be able to, justify their decisions and actions.
- S17:** Use own skills, knowledge and experience, and the information available, to make informed decisions and/or take action where necessary.
- S18:** Make reasoned decisions to initiate, continue, modify or cease treatment or the use of techniques or procedures, and record the decisions and reasoning appropriately.
- S19:** Make and receive appropriate referrals, where necessary.
- S20:** Exercise personal initiative.
- S21:** Demonstrate a logical and systematic approach to problem solving.
- S22:** Use research, reasoning and problem-solving skills when determining appropriate actions.
- S23:** Respond appropriately to the needs of all different groups and individuals in practice, recognising this can be affected by difference of any kind including, but not limited to, protected characteristics, intersectional experiences and cultural differences.
- S24:** Recognise the potential impact of own values, beliefs and personal biases, which may be unconscious, on practice and take personal action to ensure all service users and carers are treated appropriately with respect and dignity.
- S25:** Make and support reasonable adjustments in own and others' practice.
- S26:** Actively challenge barriers to inclusion, supporting the implementation of change wherever possible.
- S27:** Adhere to the professional duty of confidentiality.
- S28:** Respond in a timely manner to situations where it is necessary to share information to safeguard service users, carers and/or the wider public and recognise situations where it is necessary to share information to safeguard service users, carers and/or the wider public.
- S29:** Use effective and appropriate verbal and non-verbal skills to communicate with service users, carers, colleagues and others
- S30:** Communicate in English to the required standard for the profession
- S31:** Work with service users and / or own carers to facilitate the service user's preferred role in decision-making, and provide service users and carers with the information they may need where appropriate
- S32:** Modify own means of communication to address the individual communication needs and preferences of service users and carers, and remove any barriers to communication where possible
- S33:** Use information, communication and digital technologies appropriate to own practice
- S34:** Formulate and provide information and support for service users about their treatment and / or imaging process and procedures, with regular reappraisal of their information needs as appropriate

- S35:** Advise other healthcare professionals about the relevance and application of imaging modalities to the service user's needs
- S36:** Provide appropriate information and support for service users throughout their diagnostic imaging examinations
- S37:** Keep full, clear and accurate records in accordance with applicable legislation, protocols and guidelines
- S38:** Manage records and all other information in accordance with applicable legislation, protocols and guidelines
- S39:** Use digital record keeping tools, where required
- S40:** Work in partnership with service users, carers, colleagues and others
- S41:** Contribute effectively to work undertaken as part of a multi-disciplinary team
- S42:** Identify anxiety and stress in service users, carers and colleagues, adapting own practice and providing support where appropriate
- S43:** Identify own leadership qualities, behaviours and approaches, taking into account the importance of equality, diversity and inclusion
- S44:** Demonstrate leadership behaviours appropriate to own practice
- S45:** Act as a role model for others
- S46:** Promote and engage in the learning of others
- S47:** Demonstrate awareness of the need to empower service users to participate in the decision-making processes related to their profession
- S48:** Demonstrate awareness of the need to encourage, support and mentor staff at all practitioner levels
- S49:** Demonstrate awareness of roles and responsibilities where work is delegated and how this applies in practice
- S50:** Interpret and act upon information from other healthcare professionals and service users, in order to maximise health gain whilst minimising risks to the service user (such as from radiation dose)
- S51:** Engage in evidence-based practice
- S52:** Gather and use feedback and information, including qualitative and quantitative data, to evaluate the responses of service users to own care
- S53:** Monitor and systematically evaluate the quality of practice, and maintain an effective quality management and quality assurance process working towards continual improvement
- S54:** Participate in quality management, including quality control, quality assurance, clinical governance and the use of appropriate outcome measures
- S55:** Evaluate care plans or intervention plans using recognised and appropriate outcome measures, in conjunction with the service user where possible, and revise the plans as necessary
- S56:** Demonstrate awareness of the principles and applications of scientific enquiry, including the evaluation of treatment efficacy and the research process
- S57:** Demonstrate awareness of the philosophy and the development of the profession of diagnostic radiography to inform understanding of current practice

- S58:** Apply the principles of ionising radiation production, interaction with matter, beam modification, administration of radionuclides and radiation protection
- S59:** Distinguish between normal and abnormal appearances on images
- S60:** Recognise and respond to adverse or abnormal reactions to medications used in relation to their profession
- S61:** Demonstrate awareness of the current developments and trends in the science and practice of diagnostic radiography
- S62:** Demonstrate awareness of the principles of Artificial Intelligence (AI) and deep learning technology, and its application to practice
- S63:** Change own practice as needed to take account of new developments, technologies and changing contexts
- S64:** Gather appropriate information
- S65:** Analyse and critically evaluate the information collected
- S66:** Select and use appropriate assessment techniques and equipment
- S67:** Undertake and record a thorough, sensitive, and detailed assessment
- S68:** Undertake or arrange investigations as appropriate
- S69:** Conduct appropriate assessment or monitoring procedures, treatment, therapy or other actions safely and effectively
- S70:** Critically evaluate research and other evidence to inform own practice
- S71:** Engage service users in research as appropriate
- S72:** Formulate specific and appropriate management plans including the setting of timescales
- S73:** Assess, monitor and care for the service user across the pathway of care relevant to their profession
- S74:** Undertake and record a thorough, sensitive and detailed clinical assessment, selecting and using appropriate techniques and equipment
- S75:** Use physical, graphical, verbal and electronic methods to collect and analyse information from a range of relevant sources including service user's clinical history, diagnostic images and reports, pathological tests and results, dose recording and treatment verification systems
- S76:** Interrogate and process data and information gathered accurately in order to conduct the procedures most appropriate to the service user's needs
- S77:** Appraise image information for clinical manifestations and technical accuracy, and take further action as required
- S78:** Manage complex and unpredictable situations including the ability to adapt planned procedures
- S79:** Operate diagnostic imaging equipment safely and accurately
- S80:** Check that equipment is functioning accurately and within the specifications, and to take appropriate action in the case of faulty functioning and operation
- S81:** Select and explain the rationale for radiographic techniques and immobilisation procedures appropriate to the service user's physical and disease management requirements
- S82:** Position and immobilise service users correctly for safe and accurate procedures

**S83:** Authorise and plan appropriate diagnostic imaging examinations

**S84:** Calculate radiation doses and exposures and record and understand the significance of radiation dose

**S85:** Perform a broad range of standard imaging techniques, including examinations requiring contrast agents for relevant modalities across a variety of diagnostic or screening care pathways

**S86:** Assist with a range of more complex diagnostic imaging techniques and interventional procedures providing radiographic support to the service user and other members of the multidisciplinary team

**S87:** Provide appropriate care for the range of service users and their carers before, during and after imaging examinations, minimally invasive interventional procedures and contrast agent examinations

**S88:** Perform a range of imaging examinations where the service user's individual characteristics require examinations to be carried out using nonstandard techniques

**S89:** Perform a range of techniques using mobile imaging equipment outside of a dedicated imaging room

**S90:** Manage and assist with imaging techniques performed on anaesthetised or unconscious individuals

**S91:** Adjust ionising radiation exposures and image recording parameters to achieve required image quality at optimal dose for children and adults

**S92:** Perform a range of imaging techniques and interventions on children

**S93:** Use to best effect the processing and related technology supporting imaging systems

**S94:** Manage and assist with fluoroscopic diagnostic and interventional procedures, including those that are complex and involve the use of contrast agents

**S95:** Perform a broad range of computed tomographic (CT) examinations, including standard head CT examinations, and assist with CT examinations of the spine, chest and abdomen in acute trauma, and to contribute effectively to other CT studies

**S96:** Perform standard magnetic resonance imaging procedures

**S97:** Assist with ultrasound imaging procedures

**S98:** Assist with imaging procedures involving the use of radionuclides including PET tracers and particle emitters

**S99:** Critically analyse clinical images for technical quality and suggest improvement if required

**S100:** Distinguish disease trauma and urgent and unexpected findings as they manifest on diagnostic images and take direct and timely action to assist the referrer

**S101:** Demonstrate awareness of relevant health and safety legislation and comply with all local operational procedures and policies

**S102:** Work safely, including being able to select appropriate hazard control and risk management, reduction or elimination techniques in a safe manner and in accordance with health and safety legislation

**S103:** Select appropriate personal protective equipment and use it correctly

**S104:** Establish safe environments for practice, which appropriately manages risk

	<p><b>S105:</b> Apply appropriate moving and handling techniques</p> <p><b>S106:</b> Ensure the physical safety of all individuals in the imaging/ therapeutic work environment, especially with regard to radiation safety and high-strength magnetic fields</p> <p><b>S107:</b> Use basic life support techniques and deal with clinical emergencies</p> <p><b>S108:</b> Empower and enable individuals (including service users and colleagues) to play a part in managing own health</p> <p><b>S109:</b> Engage in occupational health, including being aware of immunisation requirements</p>
<b>Behaviours</b>	<p><b>B1:</b> Demonstrate a calm demeanour with empathy, compassion and underpinning emotional resilience to manage day-to-day pressures in unpredictable, emergency and distressing situations, e.g. individuals in cardiac arrest, suffering life changing injuries and/or disease diagnosis.</p> <p><b>B2:</b> Confident, flexible and adaptable within own scope of practice.</p> <p><b>B3:</b> Demonstrate emotional intelligence.</p> <p><b>B4:</b> Act with professionalism, honesty, integrity and respect in all interactions. Maintain good character as outlined in their professional Code of Conduct and not bring their profession or organisation into disrepute.</p> <p><b>B5:</b> Reflect on own impact on others, take responsibility and be accountable for own actions. Sensitively challenge others and raise issues when appropriate.</p> <p><b>B6:</b> Actively reflect on own practice and accept and respond to constructive criticism. Be proactive in implementing improvements in order to improve service delivery and patient care.</p> <p><b>B7:</b> Be aware of and take responsibility for their own fitness in context of physical and/or mental health issues which may affect performance. Seek help and/or guidance as appropriate. Inform Health and Care Professions Council and employer of any change of circumstance that may affect the right to practise.</p>
<b>Core Apprenticeship Curriculum</b>	<p>CAC1: British Values (Democracy, Individual Liberty, Respect and Tolerance, Rule of Law)</p> <p>CAC2: Equality and Diversity</p> <p>CAC3: Further Development of Maths and English</p> <p>CAC4: Careers and Personal Development</p> <p>CAC5: Safeguarding and Prevent</p>
<b>This course provides opportunities for learners to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the following areas:</b>	<b>The methods used to enable outcomes to be achieved and demonstrated are as follows:</b>
<p><b>Subject Knowledge and Understanding</b></p> <p>Having successfully completed this course learners will be able to demonstrate knowledge and understanding of:</p> <ul style="list-style-type: none"> <li>A1 The theoretical principles underpinning the appropriate, safe</li> </ul>	<p><b>Teaching and Learning Methods</b></p> <p>The teaching and learning strategies for this course use a blended learning approach. For the outcomes related to subject knowledge and understanding, this includes: group discussions, in class discussion, independent project, lectures, multidisciplinary work, online group workshops,</p>

<p>and ethical use of technology and medicines utilised in radiography practice, including the legislative requirements relating to radiation safety and risk management in clinical decision making</p> <ul style="list-style-type: none"> <li>• A2 A broad range of medical imaging procedures and techniques</li> <li>• A3 The biomedical - physiological, anatomical, biochemical, immunological, genetical, environmental and sociological determinants of health and the role of the profession in the promotion of good health and wellbeing.</li> <li>• A4 The ethical, moral, regulatory and legal frameworks relating to radiography practice</li> <li>• A5 The roles, responsibilities and boundaries of professional specialisms, their relevance to and interactions with radiography and interdisciplinary practice.</li> <li>• A6 Research and information management in the development, evaluation, and enhancement of radiotherapy practice and the profession.</li> </ul>	<p>online quizzes, peer-led discussions, practical sessions, practice-based learning, profession-specific group work, reflection, role play, self-assessment, seminars, simulation, small group activities, tutorials, workshops.</p>
<p><b>Cognitive Skills</b></p> <p>Having successfully completed this course learners will be able to:</p> <ul style="list-style-type: none"> <li>• B1 Source, critically appraise, analyse, evaluate, interpret and apply research to practice</li> <li>• B2 Critically appraise, select and conduct a broad range of medical imaging techniques</li> <li>• B3 Formulate, implement and evaluate reasoned, evidence-based patient management pathways</li> <li>• B4 Monitor, assess and evaluate the effectiveness of diagnostic radiography services and contribute to the evolution and enhancement of the profession.</li> <li>• B5 Engage in research-related, service evaluation or audit activity, including dissemination of findings in a variety of ways to a range of stakeholders</li> </ul>	<p><b>Assessment Methods</b></p> <p>The assessment methods for subject knowledge and understanding include: Case Study, Critical evaluation, Debate, Examination, Group project, Leadership report, OSCE, Personal statement and career development plan, Practice Placement Portfolio, Presentation, Reflective portfolio, Report, Research skills portfolio, Viva, Written examination</p> <hr/> <p><b>Teaching and Learning Methods</b></p> <p>The teaching and learning strategies for this course use a blended learning approach. For the outcomes related to cognitive skills this includes: group discussions, independent project, lectures, multidisciplinary work, online group workshops, online quizzes, peer-led discussions, practical sessions, practice-based learning, reflections, role play, seminars, small group activities, tutorials</p> <hr/> <p><b>Assessment Methods</b></p> <p>The assessment methods for cognitive skills include: Critical evaluation, Debate, Examination, Group project, Leadership report, Personal statement and career development plan, Poster, Practice Placement Portfolio, Presentation, Reflective portfolio, Report, Research skills portfolio, Viva.</p>

<p><b>Practical Skills</b></p> <p>Having successfully completed this course learners will be able to:</p> <ul style="list-style-type: none"> <li>• C1 Apply advanced communications skills and behaviour change practices, to support effective radiography practice, whilst respecting the rights, dignity, values and autonomy of service users.</li> <li>• C2 Practice radiographic procedures safely and effectively within the legal, ethical, policy and professional frameworks relevant to the radiography profession</li> <li>• C3 Engage in continued professional development and adapt to the challenges and opportunities of an ongoing career in radiography.</li> <li>• C4 Apply the principles of critical reflection and research to support evidence informed practice to innovate and enhance radiography practice</li> <li>• C5 Interpret, and evaluate procedures and management interventions and modify care in accordance with clinical and professional guidelines</li> </ul>	<p><b>Teaching and Learning Methods</b></p> <p>The teaching and learning strategies for this course use a blended learning approach. For the outcomes related to practical skills this includes: group discussions, in class discussion, independent project, lectures, multidisciplinary work, online group workshops, online quizzes, peer-led discussions, practical sessions, practice-based learning workshops, profession-specific group work, reflections, role play, self-assessment, seminars, simulation, small group activities, tutorials</p> <hr/> <p><b>Assessment Methods</b></p> <p>The assessment methods for practical skills include: Critical evaluation, Debate, Examination, Group project, Leadership report, Personal statement and career development plan, Poster, Practice Placement Portfolio, Presentation, Reflective portfolio, Report, Research skills portfolio, Viva.</p>
<p><b>Transferable skills</b></p> <p>Having successfully completed this course learners will be able to:</p> <ul style="list-style-type: none"> <li>• D1 Demonstrate highly effective and sensitive communication skills in all contexts, including to negotiate, mediate and influence others</li> <li>• D2 Effectively manage time, organise and prioritise tasks to work effectively independently and in partnership with others</li> <li>• D3 Take responsibility for own wellbeing, reflection, self-evaluation and commit to lifelong learning and professional development</li> <li>• D4 Critically evaluate information from a range of sources to problem solve and deal with complex issues systematically and creatively and contribute to innovation and change</li> <li>• D5 Within the scope of practice, work effectively in a changing environment, demonstrating adaptability,</li> </ul>	<p><b>Teaching and Learning Methods</b></p> <p>The teaching and learning strategies for this course use a blended learning approach. For the outcomes related to transferable skills this includes: group discussions, in class discussion, independent project, lectures, multidisciplinary work, online group workshops, online quizzes, peer-led discussions, practical sessions, practice-based learning, practice-based learning workshops, profession-specific group work, reflections, role play, self-assessment, seminars, simulation, small group activities, tutorials</p> <hr/> <p><b>Assessment Methods</b></p> <p>The assessment methods for transferable skills include: Critical evaluation, Debate, Examination, Group project, Leadership report, Personal statement and career development plan, Poster, Practice Placement Portfolio, Presentation, Reflective portfolio, Report, Research skills portfolio, Viva.</p>

<p>independence, resilience and maturity</p> <ul style="list-style-type: none"> <li>• D6 Respect diversity, individual differences, cultural beliefs and customs</li> <li>• D7 Make effective use of all resources including digital skills, information systems and technology to support and improve the quality-of-service provision and outcomes.</li> <li>• D8 Undertake research, clinical audit and service improvement to support the adoption of best practice and the advancement of the profession</li> </ul>	
<p><b>Professional competencies</b></p> <p>Having successfully completed this course learners will be able to:</p> <ul style="list-style-type: none"> <li>• E1 Practice as an autonomous practitioner to deliver evidence-based radiographic services, in compliance with regulatory, legal and ethical frameworks that govern the profession</li> <li>• E2 Safely, effectively and ethically practice as a radiographer, acting in the best interests of all service users; to promote health and wellbeing</li> <li>• E3 Demonstrate the qualities and abilities needed to act autonomously in planning, implementing, and analysing practice encouraging and enabling choice, shared decision making and partnership working</li> <li>• E4 Create environments which facilitate and enable inclusive access to person-centered services</li> <li>• E5 Through continual and systematic reflection, promote and contribute to the development and enhancement of the profession of radiography</li> <li>• E6 Demonstrate leadership skills and be able to work independently and as part of a team to deliver a high-quality service to service users and stakeholders</li> </ul>	<p><b>Teaching and Learning Methods</b></p> <p>The teaching and learning strategies for this course use a blended learning approach. For the outcomes related to professional competencies this includes: group discussions, in class discussion, independent project, lectures, multidisciplinary work, online group workshops, online quizzes, peer-led discussions, practical sessions, practice-based learning, practice-based learning workshops, profession-specific group work, reflections, role play, self-assessment, seminars, small group activities, tutorials</p> <p><b>Assessment Methods</b></p> <p>The assessment methods for professional competencies include: Critical evaluation, Debate, Examination, Group project, Leadership report, Personal statement and career development plan, Poster, Practice Placement Portfolio, Presentation, Reflective portfolio, Report, Research skills portfolio, Viva.</p>

**Intermediate exit award outcomes**

**Certificate in Higher Education (CertHE) Radiographic Studies**

- A1 The theoretical principles underpinning the appropriate, safe and ethical use of technology and medicines utilised in radiography practice, including the legislative requirements relating to radiation safety and risk management in clinical decision making
- A3 The biomedical - physiological, anatomical, biochemical, immunological, genetical, environmental and sociological determinants of health and the role of the profession in the promotion of good health and wellbeing.
- A4 The ethical, moral, regulatory and legal frameworks relating to radiography practice
- A5 The roles, responsibilities and boundaries of professional specialisms, their relevance to and interactions with radiography and interdisciplinary practice.
- B1 Source, critically appraise, analyse, evaluate, interpret and apply research to practice
- B2 Critically appraise, select and conduct a broad range of medical imaging techniques
- C1 Apply advanced communications skills and behaviour change practices, to support effective radiography practice, whilst respecting the rights, dignity, values and autonomy of service users.
- C2 Practice radiographic procedures safely and effectively within the legal, ethical, policy and professional frameworks relevant to the radiography profession
- D2 Effectively manage time, organise and prioritise tasks to work effectively independently and in partnership with others
- D3 Take responsibility for own wellbeing, reflection, self-evaluation and commit to lifelong learning and professional development
- D6 Respect diversity, individual differences, cultural beliefs and customs
- E2 Safely, effectively and ethically practice as a radiographer, acting in the best interests of all service users; to promote health and wellbeing

### **Diploma in Higher Education (DipHE) Radiographic Studies**

- A1 The theoretical principles underpinning the appropriate, safe and ethical use of technology and medicines utilised in radiography practice, including the legislative requirements relating to radiation safety and risk management in clinical decision making
- A2 A broad range of medical imaging procedures and techniques
- A3 The biomedical - physiological, anatomical, biochemical, immunological, genetical, environmental and sociological determinants of health and the role of the profession in the promotion of good health and wellbeing.
- A4 The ethical, moral, regulatory and legal frameworks relating to radiography practice
- A5 The roles, responsibilities and boundaries of professional specialisms, their relevance to and interactions with radiography and interdisciplinary practice.
- B1 Source, critically appraise, analyse, evaluate, interpret and apply research to practice
- B2 Critically appraise, select and conduct a broad range of medical imaging techniques
- B3 Formulate, implement and evaluate reasoned, evidence-based patient management pathways
- C1 Apply advanced communications skills and behaviour change practices, to support effective radiography practice, whilst respecting the rights, dignity, values and autonomy of service users.
- C2 Practice radiographic procedures safely and effectively within the legal, ethical, policy and professional frameworks relevant to the radiography profession

- D1 Demonstrate highly effective and sensitive communication skills in all contexts, including to negotiate, mediate and influence others
- D2 Effectively manage time, organise and prioritise tasks to work effectively independently and in partnership with others
- D3 Take responsibility for own wellbeing, reflection, self-evaluation and commit to lifelong learning and professional development
- D5 Within the scope of practice, work effectively in a changing environment, demonstrating adaptability, independence, resilience and maturity
- D6 Respect diversity, individual differences, cultural beliefs and customs
- E2 Safely, effectively and ethically practice as a radiographer, acting in the best interests of all service users; to promote health and wellbeing
- E4 Create environments which facilitate and enable inclusive access to person-centered services

### **Bachelor of Science (BSc) Radiographic Studies**

*Depending on the units undertaken, it is possible to achieve several of the following learning outcomes:*

- A1 The theoretical principles underpinning the appropriate, safe and ethical use of technology and medicines utilised in radiography practice, including the legislative requirements relating to radiation safety and risk management in clinical decision making
- A2 A broad range of medical imaging procedures and techniques
- A3 The biomedical - physiological, anatomical, biochemical, immunological, genetical, environmental and sociological determinants of health and the role of the profession in the promotion of good health and wellbeing.
- A4 The ethical, moral, regulatory and legal frameworks relating to radiography practice
- A5 The roles, responsibilities and boundaries of professional specialisms, their relevance to and interactions with radiography and interdisciplinary practice.
- A6 Research and information management in the development, evaluation, and enhancement of radiotherapy practice and the profession.
- B1 Source, critically appraise, analyse, evaluate, interpret and apply research to practice
- B2 Critically appraise, select and conduct a broad range of medical imaging techniques
- B3 Formulate, implement and evaluate reasoned, evidence-based patient management pathways
- B4 Monitor, assess and evaluate the effectiveness of diagnostic radiography services and contribute to the evolution and enhancement of the profession.
- B5 Engage in research-related, service evaluation or audit activity, including dissemination of findings in a variety of ways to a range of stakeholders
- C1 Apply advanced communications skills and behaviour change practices, to support effective radiography practice, whilst respecting the rights, dignity, values and autonomy of service users.
- C2 Practice radiographic procedures safely and effectively within the legal, ethical, policy and professional frameworks relevant to the radiography profession
- C3 Engage in continued professional development and adapt to the challenges and opportunities of an ongoing career in radiography.
- C4 Apply the principles of critical reflection and research to support evidence informed practice to innovate and enhance radiography practice

- C5 Interpret, and evaluate procedures and management interventions and modify care in accordance with clinical and professional guidelines
- D1 Demonstrate highly effective and sensitive communication skills in all contexts, including to negotiate, mediate and influence others
- D2 Effectively manage time, organise and prioritise tasks to work effectively independently and in partnership with others
- D3 Take responsibility for own wellbeing, reflection, self-evaluation and commit to lifelong learning and professional development
- D4 Critically evaluate information from a range of sources to problem solve and deal with complex issues systematically and creatively and contribute to innovation and change
- D5 Within the scope of practice, work effectively in a changing environment, demonstrating adaptability, independence, resilience and maturity
- D6 Respect diversity, individual differences, cultural beliefs and customs
- D7 Make effective use of all resources including digital skills, information systems and technology to support and improve the quality-of-service provision and outcomes.
- D8 Undertake research, clinical audit and service improvement to support the adoption of best practice and the advancement of the profession
- E1 Practice as an autonomous practitioner to deliver evidence-based radiographic services, in compliance with regulatory, legal and ethical frameworks that govern the profession
- E2 Safely, effectively and ethically practice as a radiographer, acting in the best interests of all service users; to promote health and wellbeing
- E3 Demonstrate the qualities and abilities needed to act autonomously in planning, implementing, and analysing practice encouraging and enabling choice, shared decision making and partnership working
- E4 Create environments which facilitate and enable inclusive access to person-centered services
- E5 Through continual and systematic reflection, promote and contribute to the development and enhancement of the profession of radiography
- E6 Demonstrate leadership skills and be able to work independently and as part of a team to deliver a high-quality service to service users and stakeholders

## Course Structure

### 4. Outline of course content

The diagnostic radiography degree apprenticeship provides a comprehensive pathway to meet the knowledge skills and behaviours; standards of proficiency and professional standards to register as a radiographer with the Health and Care Professions Council (HCPC) and the College of Radiographers (CoR). This course is mapped to:

- [Apprenticeship standard - Diagnostic Radiographer - ST0619](#)
- [HCPC Standard of Proficiency for Radiographers](#)
- [College of Radiographers – Education and Career Framework](#)

This means on successful completion you would be eligible to join the professional register and become a full member of the professional body.

The aims and learning outcomes of the course are underpinned by the following four principles: professionalism, evidence-based practice, autonomy and teamwork, and person-centred care. You will develop the ability to think critically and analytically, and become resilient, evidence-based, reflective and empathetic practitioners able to respond to the complex needs of patients, and make important decision in pressured environments. Under the guidance of mentors and educators,

#### 4. Outline of course content

learners will have the opportunity to apply theoretical concepts in practice with patients from various backgrounds, and where appropriate collaborate with interdisciplinary healthcare teams to deliver excellent person-centred services.

The BSc (Hons) Diagnostic Radiography (Integrated Degree Apprenticeship) course consists of 17 core units:

HRA4001	The Determinants of Health
HRA4002	Foundations of Professional Practice
HRA4003	Health and Wellbeing - the role of Allied Health Professionals
DRA4011	Radiation Physics and Equipment 1: Fundamentals
DRA4012	Skeletal Imaging 1: Principles and Practice
DRA4013	Visceral Imaging 1: Principles and Practice
HRA5001	Developing Professional Practice
HRA5002	Leadership and Learning in Allied Health
HRA5003	Research, Improvement and Innovation Methods
DRA5011	Radiation Physics and Equipment 2: Advanced Imaging Modalities
DRA5012	Skeletal Imaging 2: Principles and Practice
DRA5013	Visceral Imaging 2: Diagnostic and Interventional Procedures
HRA6001	Independent Project for Allied Health Professionals
HRA6002	The Reflexive Practitioner
DRA6011	Contemporary Practice in Diagnostic Imaging
DRA6012	Image Interpretation
DRA6013	Cross-Sectional Imaging

#### 5. Tripartite arrangements, placements, work-based learning and End Point Assessment (and any other special features of the course)

##### **Work-based learning and workplace supervision:**

The apprenticeship has been developed in association with a range of stakeholders including with local healthcare providers and service users. Its development recognises the demand locally, regionally and nationally to grow the existing diagnostic radiography workforce offering services in both NHS and local authority settings. This three-year apprenticeship programme offers you the opportunity to train for professional registration, with the support of an employer, whilst earning a salary. You will study part-time and work part-time. The average off the job learning time would be two days a week, plus blocks of practice-based learning.

##### **Practice-based learning**

You are required to undertake practice-based learning, supported by a practice-educator, which allow you to consolidate your academic learning. The practice-based learning supports you to develop a range of transferable skills such as communication, collaboration, leadership and critical appraisal. Practice-based learning will familiarise you with and allow you to be comfortable and confident in the practice environment, with all its demands and develop the knowledge, skills and behaviours required to become a reflective autonomous practitioner.

Through these activities you will gain a variety of experiences with a wide range of patient groups, under the guidance of skilled clinicians. You will gain experience of diagnostic radiography across

modalities. With the support of Practice Educators, you will observe experienced clinicians, assess and manage patients across a variety of settings.

Practice-based learning is included in units:

HRA4003 Health and Wellbeing - the role of Allied Health Professionals,  
DRA4012 Skeletal Imaging 1: Principles and Practice,  
DRA4013 Visceral Imaging 1: Principles and Practice,  
DRA5012 Skeletal Imaging 2: Principles and Practice,  
DRA5013 Visceral Imaging 2: Diagnostic and Interventional Procedures,  
DRA6013 Cross-Sectional Imaging

### **Tripartite review structure and process**

Tripartite progress reviews take place every 12 weeks with you, your workplace supervisor, and apprenticeship tutor. This provides an opportunity to review your progress towards the targets set out in your training plan. The tri-partite reviews will consist of a discussion to:

- Check progress against the relevant apprenticeship standard, discuss personal and career development, including any successes and achievements
- Review off-the-job learning hours and attendance
- Discuss and review your learning and any additional support needs
- Agree future targets and objectives and identify any improvements that could be made, discuss the preparation for the end-point assessment.
- Identify any revisions required to the learning plan
- Feedback on the apprenticeship or any concerns about employer support, or time for off-the-job training

### **Preparation for EPA and EPA overview**

The EPA for this apprenticeship is the completion of the examination board and submission of documentation to HCPC. There are no additional assessments for the EPA.

### **Interdisciplinary learning**

Some of the units will be studied alongside apprentices from other allied health professions, allowing for interdisciplinary learning between diagnostic radiography, occupational therapy, podiatry, and speech and language therapy students. These interprofessional units cover some key concepts common to all AHP professions such as professionalism, leadership, communication skills and health behaviour. You will also cover the skills required to undertake research and quality improvement initiatives to enhance and improve practise in your chosen profession. These units will have some shared sessions but also profession specific sessions where appropriate.

## **6. Course structure, levels, units, credit and award**

The level of study, units and credits required for the course and for final and exit awards are set out in the **course diagram** provided in [Appendix 1](#).

The **KSBs and learning outcomes mapping document** provided in [Appendix 2](#) shows the relationship between ILOs for units, KSBs and the overarching ILOs of the course.

The **Course summary** provided in [Appendix 3](#) shows the structure of each unit in terms of summative assessment and gives an indication of learning hours/ workload for each unit.

### **Apprenticeship course structure (Also refer to Appendix 1)**

	Autumn	Spring	Summer
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6. Course structure, levels, units, credit and award			
YEAR 1 (Level 4)	HRA4001 The Determinants of Health	DRA4011 Radiation Physics and Equipment 1: Fundamentals	DRA4013 Visceral Imaging 1: Principles and Practice
	HRA4002 Foundations of Professional Practice	DRA4012 Skeletal Imaging 1: Principles and Practice	HRA4003 Health and Wellbeing. The Role of AHPs.
YEAR 2 (Level 5)	DRA5011 Radiation Physics and Equipment 2: Advanced Imaging Modalities	HRA5001 Developing Professional Practice	HRA5002 Leadership and Learning in Allied Health
	DRA5012 Skeletal Imaging 2: Principles and Practice	DRA5013 Visceral Imaging 2: Diagnostic and Interventional Procedures	HRA5003 Research, Improvement and Innovation Methods
YEAR 3 (Level 6)	DRA6011 Contemporary Practice in Diagnostic Imaging	HRA6002 The Reflexive Practitioner	
	DRA6012 Image Interpretation	DRA6013 Cross-Sectional Imaging	
	HRA6001 Independent Project for Allied Health Professions		

7. Learning hours/ workload
<p>The total off the job learning hours are set out in the <b>Planned Learning Hours / Credits matrix</b> provided in <a href="#">Appendix 4</a>.</p> <p>This is the indicative planned off the job / protected learning time designated and planned for a typical apprentice to achieve the level of competence required to successfully achieve this apprenticeship. This is the indicative time that you will need to plan for and set aside during your paid working hours to achieve the Knowledge, Skills and Behaviours required for this course. You may need more, or less time – this time is a guide.</p> <p>Off the job learning is prescribed in the following ways;</p> <p><b>Learner contact time</b> is a broad term, referring to the amount of time you can expect to engage with University staff in relation to teaching and learning. It includes scheduled teaching sessions (sessions on your and/or staff timetable), specific academic guidance (i.e. not broader pastoral support/guidance) and feedback. Contact time can take a wide variety of forms depending on the subject and the mode of study. It can include engagement both face to face (in person) through on-campus seminars, labs, studios and workshops and online, for example through Teams seminars, online discussion forums, webinars, e-mail or live chat. Online contact time can be synchronous or asynchronous. Online contact time is always characterised by personalised tutor presence and input within a specified time-frame.</p> <p>Opportunities for one-to-one interaction with members of staff, during which you can receive individual help or personalised feedback on your progress, may not always present themselves as formal scheduled sessions. 'Office hours' for example are a frequent feature where members of staff are available for one-to-one sessions at set times. Interactions via email is another example of contact time.</p>

**Tutor-guided learning** covers specific learning activities that you are asked to undertake by a tutor, such as directed reading and review of learning materials on the Virtual Learning Environment (VLE) in advance of scheduled 'flipped classroom' sessions.

**Work-based learning** – You will negotiate your mandatory off-course (both on the job and off the job) hours, based on your agreed, signed, individual training plan. This is critical and a mandatory requirement for ensuring you have the opportunity to apply knowledge, skills and behaviours from your overall academic and work-based learning into your practice.

**Independent study** incorporates learner-led activities (without the guidance of a member of teaching staff), such as preparation for scheduled sessions, reflecting on feedback received and planning for future tasks, follow-up work, wider reading (including reading beyond set topics), or practice, revision, and completion of assessment tasks.

Independent study helps you build an understanding of how to manage your own learning as preparation for the expectations of a professional life that emphasises continuing professional development and life-long learning.

This has been split into self-directed learning to be reported for your off-the-job learning log, this includes assessment preparation and completion. In addition, there are a number of elective additional self-directed learning hours that you complete as part of your 'on-the-job' hours or as part of individual study time. These are enhancement opportunities for you to pursue further learning but are outside the requirements for logging off-the-job learning hours

### **Completion of the Off-the-Job Learning Log**

You are required to maintain a live log of the activities, learning and time that you spend undertaking your apprenticeship. This record of progress and achievement will be reviewed regularly by the university to confirm that you are being provided with the protected learning time planned and you are achieving the progress planned in your Training Plan.

**Tri-partite progress reviews** take place four times every year of your apprenticeship with your coordinating workplace supervisor and university apprenticeship tutor. This meeting includes the line manager and is a formal, mandatory review of progress towards meeting the KSBs in your apprenticeship and preparation for your End-Point Assessment. This review will also review your progress in meeting the protected off the job learning required by the apprenticeship. All off-the-job learning hours must be recorded in accordance with your individual training plan. At this meeting we will review progress and set objectives for the next phase of learning. We will check that you are able to make the progress at work required and that you are on target to achieve your apprenticeship, based on your achievements in learning and at work. You and your employer will sign and return the record of this meeting and any action plans arising

More detail about apprentice workload is provided in unit specifications and in the individual learning plan document.

## **8. Staff supporting and delivering the course**

You will be taught by University academic staff and qualified professional practitioners with relevant expertise. All apprentices will be allocated an apprenticeship tutor and workplace supervisor who will lead their tripartite progress reviews.

## **9. Academic progression and assessment regulations**

The regulations for this course are the University's Standard Assessment Regulations which are published here: <https://www.hsu.ac.uk/about/policies-and-procedures/academic-regulations-policies-and-procedures/>

However, please note that there are some variations to the above regulations which apply specifically to this course. These variations are specified in the variants to Standard Assessment Regulations which are published in the appendix at the above link. The variations are also outlined below.

### **Proceed at Risk [exception to reg 8.1 and 8.4]**

Apprentices will not have to complete the requirements of one level before proceeding to the next.

Apprentices who have undertaken assessment/reassessment opportunities at the end of one academic year may proceed onto the next level of the course, for a period of one month, whilst awaiting the outcome of these components of assessment.

This rule is specified as 'proceed at risk'. If successful in these assessment/reassessment elements, the apprentices' progression will be formally confirmed by the relevant Assessment Board.

If unsuccessful in these assessment/reassessment components, the apprentice will not be permitted to continue further with the next academic year/level of study. An alternative outcome will be considered by the relevant Assessment Board and clearly explained to the apprentice.

### **Provision for failed candidates - Failure and reassessment [exception to reg 12.7 and 12.12]**

Apprentices will not be eligible for a further opportunity to redeem failed units during the second reassessment period for any unit.

## **10. Employment progression routes**

Graduates from this course will be able to register as Diagnostic Radiographers with the Health and Care Professions Council (HCPC). There is both national and local demand for Diagnostic Radiographers, with both acute local needs for this role in NHS settings, and at a national level.

Graduates may wish to go onto specialist training such as Enhanced Clinical Practice or Advanced Clinical Practice. In addition, this qualification will provide the basis for further study such as clinical academics, doctoral study, or as a practice educator.

Units of learning and practice-based learning opportunities focus on professional practice, developing the knowledge, understanding and cognitive and practical skills to demonstrate person-centred care. Through the content of this course, you will have opportunities to develop transferable skills such as problem-solving, communication, effective use of IT, quality improvement processes, time management and research skills. In addition, career guidance and personal development opportunities are embedded throughout the apprenticeship in the units: HRA4002 Foundations of Professional Practice, HRA5001 Developing Professional Practice, and HRA6002 The Reflexive Practitioner.

## **11. Additional costs and special or unusual conditions which apply to this course**

Additional costs are mandatory or optional costs which will need to be met for full participation in and successful completion of the course. Mandatory additional costs should be met by the employer. Optional costs may be met by the apprentice. Employers and apprentices will need to budget for these costs separately as they are not included in the overall Tuition Fee they are charged.

'Special or unusual conditions' are aspects of the course which apprentices and employers may not be expecting and which may therefore have an impact on whether or not they wish to undertake the course.

Information about additional costs and special or unusual conditions applying to apprentices on this course can be found in the **important information to take into account when choosing your course** available from <https://www.hsu.ac.uk/student-life/student-finances/additional-costs/>

## **12. Methods for evaluating the quality of learning and teaching**

A Course Steering Committee meeting is held at least four times a year, for every course at the University, including apprenticeship courses. Apprentice representatives are included in every Course Steering Committee meeting and have the opportunity to feedback on their learning experiences.

The Course Steering Committee is responsible for maintaining the academic standards of the course, and ensuring that it operates in accordance with the approved course specification. The Course Steering Committee is also responsible for maintaining and enhance the quality of opportunities for learners on the course, ensuring that issues requiring improvement are addressed, and good practice shared.

The Course Steering Committees for apprenticeship courses have additional and specific responsibilities for monitoring and ensuring compliance with external regulatory requirements.

In addition, the quality of the University' courses is monitored and assured, both inside and outside the institution, through the following mechanisms:

- Annual monitoring of units and courses
- Periodic Course review, at least every six years
- Appointed external examiners, who produce an annual report
- Professional body accreditation and annual reports to these bodies
- Oversight by Academic Standards and Quality Committee (which includes student representation), reporting to Academic Board

Apprentices have the opportunity to engage in the quality assurance and enhancement of their courses in a number of ways, which may include:

- Providing feedback via the tripartite progress review meetings
- Completing surveys annually to give feedback on individual units and on the course as a whole
- Taking part in focus groups as arranged
- Seeking nomination as a Student Union representative or engaging with the elected learner representatives
- Serving as a student representative on Course Consideration panels for course approval/review
- Taking part in Course Consideration or professional body meetings by joining a group of students to meet with the panel
- Taking part in meetings with the external examiner(s) for the course

### **13. Inclusivity statement**

The University is committed to being an institution where students, apprentices and staff from all backgrounds can flourish. We recognise the importance of equality of opportunity and promoting diversity, in accordance with our [Equality, Diversity, Inclusion and Belonging Policy](#).

We are committed to a working and learning environment that is free from physical, verbal and non-verbal harassment and bullying of individuals on any grounds, and where everyone is treated with dignity and respect, within a positive and satisfying learning and working environment.

The University seeks to ensure that all students and apprentices admitted to our courses have the opportunity to fulfil their educational potential. The interests of apprentices with protected characteristics will be taken into consideration and reasonable adjustments will be made provided that these do not compromise academic or professional standards as expressed through the learning outcomes.

#### 14. External reference points

The course has been developed in line with the following appropriate external reference points including:

- QAA Higher Education Credit Framework for England (2021)
- QAA Characteristics Statement: Higher Education in Apprenticeships (2022)
- UK Quality Code for Higher Education: The Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2024)
- ESFA Apprenticeship Accountability Framework (2023, updated 2024)
- IfATE Apprenticeship Quality Statement
- Ofsted Inspection Framework (2019, updated 2023)
- Apprenticeship standard - Diagnostic Radiographer - ST0619 (2023)
- HCPC Standard of Proficiency for Radiographers (2023)
- College of Radiographers – Education and Career Framework (2022)
- HCPC Standards of Education and Training Guidance (2021)
- HCPC Standards of Conduct, Performance and Conduct (2024)
- NHS Knowledge and Skills Framework (2010)
- NHS Clinical Leadership Competency Framework (2011)
- Health Education England Digital Competency Framework for UK Allied Health Professions (2020)

#### 15. Internal reference points and policy frameworks

The University's Strategic Plan

The University's Course Design Framework

The University's Feedback on Assessments policy

The course conforms fully with the University's academic policies and procedures applicable to Taught Courses.

#### Record of Modifications

##### Course Level

Description of Modification	Date approved	Intake to which modification applies

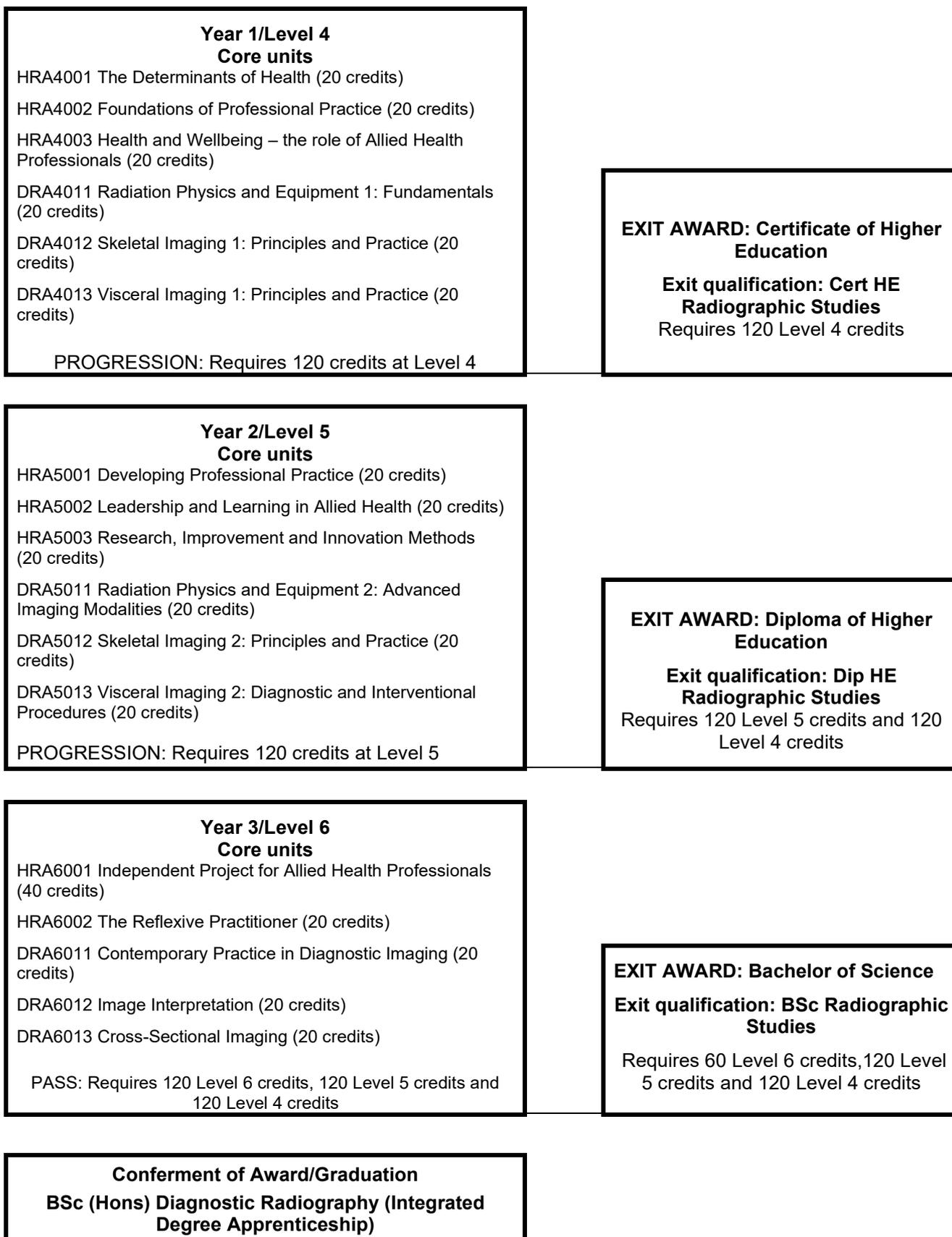
##### Unit Level

Unit code and title	Nature of modification	Date of approval/ approving body	Intake to which modification applies

<b>Unit code and title</b>	<b>Nature of modification</b>	<b>Date of approval/ approving body</b>	<b>Intake to which modification applies</b>

**Appendix 1: BSc (Hons) Diagnostic Radiography (Integrated Degree Apprenticeship)**

The level of study, units and credits required for the course and for final and exit awards are set out in this **course diagram**.



**Appendix 2: KSBs and Course Learning Outcomes Mapping**

**KSBs**

The map of units to the knowledge, skills and behaviours required to demonstrate competency in the Apprenticeship Standard (this refers to the unit map included in each unit specification).

*K – Knowledge*

*S – Skills*

*B – Behaviours*

	HRA4001	HRA4002	HRA4003	DRA4011	DRA4012	DRA4013	HRA5001	HRA5002	HRA5003	DRA5011	DRA5012	DRA5013	HRA6001	HRA6002	DRA6011	DRA6012	DRA6013
K1							*							*	*		
K2		*			*	*					*	*					*
K3		*			*	*	*				*	*		*			*
K4		*			*	*					*	*					*
K5		*			*	*					*	*					*
K6		*			*	*	*				*	*		*			*
K7		*		*	*	*	*			*	*	*		*	*		*
K8		*		*	*	*	*			*	*	*		*	*		*
K9		*					*							*			
K10		*					*							*			
K11		*					*	*						*			
K12		*			*	*	*	*			*	*					*
K13	*	*			*	*					*	*					*
K14	*		*		*	*					*	*					*
K15	*		*		*	*		*			*	*					*
K16					*	*					*	*		*			*
K17		*			*	*	*				*	*				*	*
K18		*			*	*			*		*	*	*	*		*	*
K19		*					*										
K20		*			*	*			*		*	*	*				*

	HRA4001	HRA4002	HRA4003	DRA4011	DRA4012	DRA4013	HRA5001	HRA5002	HRA5003	DRA5011	DRA5012	DRA5013	HRA6001	HRA6002	DRA6011	DRA6012	DRA6013
K21		*	*				*										
K22		*					*										
K23		*					*										
K24		*	*					*						*			
K25			*		*	*	*	*			*	*		*			*
K26								*						*			
K27					*	*		*			*	*		*			*
K28			*		*	*					*	*					*
K29				*	*	*				*	*	*					*
K30									*				*				
K31		*	*		*	*					*	*				*	*
K32		*					*							*			
K33							*	*						*			
K34									*				*		*		
K35				*	*	*			*	*	*	*	*				*
K36									*				*				
K37	*			*	*	*				*	*	*				*	*
K38			*					*						*	*		
K39	*							*						*	*		
K40			*											*			
K41			*														
K42				*						*							
K43				*	*	*				*	*	*					*
K44		*		*	*	*	*			*	*	*		*			*
K45				*						*							
K46				*						*							
K47				*	*	*				*							
K48				*	*	*				*	*	*				*	*
K49				*	*	*				*	*	*				*	*
K50				*	*	*				*	*	*			*	*	*
K51						*						*					
K52						*						*					*
K53						*						*					*

	HRA4001	HRA4002	HRA4003	DRA4011	DRA4012	DRA4013	HRA5001	HRA5002	HRA5003	DRA5011	DRA5012	DRA5013	HRA6001	HRA6002	DRA6011	DRA6012	DRA6013
K54						*				*		*					*
K55					*	*											*
K56																*	
K57	*				*	*					*	*				*	*
K58									*				*				
K59		*		*	*	*			*	*	*	*	*				*
K60		*					*	*						*			
K61		*		*	*	*	*			*	*	*		*			*
K62		*															
K63				*						*							
K64	*		*														
K65	*		*														
S1		*			*	*	*				*	*		*	*		*
S2		*	*		*	*	*	*			*	*	*	*			*
S3		*					*							*	*		
S4		*	*				*	*						*	*		
S5		*	*		*	*					*	*					*
S6		*	*		*	*					*	*	*				*
S7		*			*	*					*	*	*				*
S8		*			*	*					*	*	*				*
S9		*			*	*					*	*	*				*
S10		*			*	*					*	*				*	*
S11		*			*	*	*	*			*	*		*			*
S12		*			*	*	*				*	*	*	*			*
S13		*			*	*					*	*					*
S14		*			*	*	*				*	*		*			*
S15		*					*							*			
S16		*			*	*	*				*	*		*			*
S17					*	*					*	*				*	*
S18					*	*					*	*				*	*
S19					*	*					*	*					*
S20			*		*	*		*			*	*	*		*	*	*

	HRA4001	HRA4002	HRA4003	DRA4011	DRA4012	DRA4013	HRA5001	HRA5002	HRA5003	DRA5011	DRA5012	DRA5013	HRA6001	HRA6002	DRA6011	DRA6012	DRA6013
S21					*	*					*	*	*		*	*	*
S22					*	*			*		*	*	*		*		*
S23			*		*	*		*			*	*					*
S24					*	*	*				*	*		*			*
S25	*		*		*	*					*	*					*
S26	*		*		*	*					*	*					*
S27		*			*	*					*	*					*
S28		*			*	*					*	*					*
S29			*		*	*		*			*	*	*	*			*
S30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S31					*	*					*	*					*
S32			*		*	*					*	*					*
S33			*		*	*					*	*	*			*	*
S34					*	*					*	*					*
S35					*	*					*	*					*
S36					*	*					*	*				*	*
S37		*			*	*					*	*					*
S38		*			*	*					*	*					*
S39		*			*	*	*				*	*	*	*			*
S40					*	*	*	*			*	*		*	*		*
S41			*		*	*	*	*			*	*		*			*
S42							*	*						*			
S43								*						*			
S44								*						*			
S45		*	*					*									
S46		*	*					*									
S47					*	*					*	*					*
S48								*									
S49			*		*	*		*			*	*					*
S50					*	*					*	*					*
S51			*	*	*	*	*		*	*	*	*	*		*		*
S52					*	*			*		*	*			*		*
S53					*	*			*		*	*	*		*		*

	HRA4001	HRA4002	HRA4003	DRA4011	DRA4012	DRA4013	HRA5001	HRA5002	HRA5003	DRA5011	DRA5012	DRA5013	HRA6001	HRA6002	DRA6011	DRA6012	DRA6013
S54					*	*			*		*	*	*				*
S55					*	*					*	*					*
S56									*				*		*		
S57				*	*	*				*	*	*			*	*	*
S58					*	*					*	*					*
S59					*	*					*	*				*	*
S60																*	*
S61															*		
S62															*		
S63				*	*	*				*	*	*			*		*
S64					*	*			*		*	*	*		*	*	*
S65					*	*			*		*	*	*		*	*	*
S66					*	*					*	*			*		*
S67					*	*					*	*					*
S68					*	*					*	*				*	*
S69					*	*					*	*					*
S70			*	*	*	*	*		*	*	*	*	*		*		*
S71													*				
S72					*	*		*			*	*					*
S73					*	*					*	*					*
S74					*	*					*	*					*
S75					*	*					*	*					*
S76					*	*					*	*					*
S77					*	*					*	*				*	*
S78					*	*					*	*					*
S79					*	*					*	*					*
S80					*	*					*	*					*
S81					*	*					*	*					*
S82					*	*					*	*					*
S83					*	*					*	*					*
S84					*	*					*	*					*
S85					*	*					*	*					*

	HRA4001	HRA4002	HRA4003	DRA4011	DRA4012	DRA4013	HRA5001	HRA5002	HRA5003	DRA5011	DRA5012	DRA5013	HRA6001	HRA6002	DRA6011	DRA6012	DRA6013
S86																	*
S87					*	*					*	*					*
S88																	*
S89					*	*					*	*			*		*
S90					*	*					*	*					*
S91				*	*	*				*	*	*			*		*
S92						*					*	*					*
S93																	*
S94						*						*					*
S95						*						*					*
S96												*					*
S97										*		*			*		*
S98										*					*		*
S99						*					*	*				*	*
S100																*	*
S101		*		*	*	*				*	*	*					*
S102		*		*	*	*				*	*	*					*
S103		*		*	*	*				*	*	*					*
S104		*		*	*	*				*	*	*					*
S105		*															
S106					*	*					*	*					*
S107					*	*					*	*					*
S108	*		*		*	*					*	*					*
S109		*															
B1					*	*		*			*	*		*			*
B2		*	*		*	*		*			*	*		*	*	*	*
B3		*			*	*	*	*			*	*		*			*
B4		*			*	*		*	*	*	*	*	*	*			*
B5		*	*		*	*	*	*			*	*		*			*
B6		*	*		*	*	*	*			*	*		*	*		*
B7		*					*							*			

## Course Outcomes

This table shows where a learning outcome referenced in the course specification may be taught (T), developed (D) and/or assessed (A) within a unit. The numbers A1 A2 B1 B2 etc refer back to the learning outcomes listed under Subject Knowledge and Understanding, Intellectual Skills, Practical Skills and Transferable skills in this course specification template

Unit Code	Level	A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5	D1	D2	D3	D4
HRA4001	4			TA																	
HRA4002	4				TA	TA		TA					T		TA	TA		T	T	T	
HRA4003	4			TDA		TA							TDA					TDA			TDA
DRA4011	4	TDA			TDA																
DRA4012	4	TDA	TDA	TDA	DA	DA			TA	TA	TA		DA	TDA			TA	DA	DA		
DRA4013	4	TDA	TDA	TDA	DA	DA			TA	TA	TA		DA	TDA			TDA	DA	DA		
HRA5001	5					TDA							DA		TDA	TDA				TDA	
HRA5002	5			DA		TDA										TDA		TDA			
HRA5003	5			DA			TA	TDA			TA	TA	DA			TDA					TDA
DRA5011	5	TDA	TDA		TDA												TDA				
DRA5012	5	DA	TDA	DA	DA	DA			TDA	TDA	TDA		DA	TDA			DA	DA	DA		
DRA5013	5		TDA	DA	DA	DA			TDA	TDA	TDA		DA	TDA			DA	DA	DA		
HRA6001	6						TDA	DA			TDA	TDA	DA			DA					TDA
HRA6002	6					TDA							TD		DA	DA				TDA	
DRA6011	6	DA	TDA		DA		DA	DA	TDA		TDA				TDA	DA					TDA
DRA6012	6			DA		DA		DA	TDA	TDA				TDA			DA				DA
DRA6013	6	DA	TDA	TDA	DA	DA		DA	TDA	TDA	TDA		DA	TDA			DA	DA	DA		

Unit Code	Level	D5	D6	D7	D8	E1	E2	E3	E4	E5	E6
HRA4001	4										
HRA4002	4	TDA	TDA	T		T	T	T	T	T	T
HRA4003	4		TDA					TD	DA	TDA	T
DRA4011	4			TDA							
DRA4012	4	DA	DA				TA	TA	TA		
DRA4013	4	DA	DA				TA	TA	TA		
HRA5001	5	TDA	TDA	D				D		TDA	
HRA5002	5	TDA								TDA	TDA
HRA5003	5	DA			TDA	TDA	TDA	TDA	DA	TDA	
DRA5011	5			TDA	TDA						
DRA5012	5	DA	DA			TD	TDA	TDA	TDA		TDA
DRA5013	5	DA	DA			TD	TDA	TDA	TDA		TDA
HRA6001	6	DA		D	TDA					TDA	
HRA6002	6	DA				TDA		D		TDA	
DRA6011	6			TDA						TDA	
DRA6012	6			TDA							
DRA6013	6	DA	DA			DA	DA	DA	DA		DA

### Appendix 3: Course Summary

**Course title:** BSc (Hons) Diagnostic Radiography (Integrated Degree Apprenticeship)

Unit details						Assessment Component Weightings (%) <sup>*</sup>						PSRB Requirement Applies <sup>*</sup>	Estimated Off the Job Learning Hours			
Code	Title	Version	Credits	Core/ Option	Pre / Co Requisites	Exam 1	Exam 2	Cwk 1	Cwk 2	Prac 1	Prac 2		Scheduled Contact	Directed Non-Contact	Self-Directed	Total
HRA4001	Determinants of Health	1.0	20	C		50%		50%				N	42	27.5	32	101.5
HRA4002	Foundations of Professional Practice	1.0	20	C				100%				N	52.5	25	31	108.5
HRA4003	Health and Wellbeing – the role of AHPs	1.0	20	C				100%				N	46	0	24	70
DRA4011	Radiation Physics and Equipment 1: Fundamentals	1.0	20	C		50%		50%				N	49	25	31	105
DRA4012	Skeletal Imaging 1: Principles and Practice	1.0	20	C	HRA4002	100%				P/F		Y	100.5	15	39	154.5
DRA4013	Visceral Imaging 1: Principles and Practice	1.0	20	C	HRA4002	100%				P/F		Y	174	15	41	230
HRA5001	Developing Professional Practice	1.0	20	C				100%				N	12	21.5	33	66.5
HRA5002	Leadership and Learning in Allied Health	1.0	20	C				40%		60%		N	42	30	33	105
HRA5003	Research, Improvement and Innovation Methods	1.0	20	C				40%		60%		N	42	30	33	105
DRA5011	Radiation Physics and Equipment 2: Advanced Imaging Modalities	1.0	20	C	DRA4011	50%		50%				N	49	25	31	105
DRA5012	Skeletal Imaging 2: Principles and Practice	1.0	20	C	DRA4012	100%				P/F		Y	177.5	16.5	43	237
DRA5013	Visceral Imaging 2: Diagnostic and Interventional Procedures	1.0	20	C	DRA4013			100%		P/F		N	174	15	44.5	233.5
HRA6001	Independent Project for Allied Health Professionals	1.0	40	C				100%				N	22.5	11	116.5	150
HRA6002	The Reflexive Practitioner	1.0	20	C				50%		50%		N	15	19	32.5	66.5

Unit details						Assessment Component Weightings (%)'						PSRB Requirement Applies*	Estimated Off the Job Learning Hours			
Code	Title	Version	Credits	Core/ Option	Pre / Co Requisites	Exam 1	Exam 2	Cwk 1	Cwk 2	Prac 1	Prac 2		Scheduled Contact	Directed Non-Contact	Self-Directed	Total
DRA6011	Contemporary Practice in Diagnostic Imaging	1.0	20	C				50%		50%		N	34	30	41	105
DRA6012	Image Interpretation	1.0	20	C						100%		N	34	30	41	105
DRA6013	Cross-Sectional Imaging	1.0	20	C	DRA5012 and DRA5013	100%				P/F		Y	350	21	49	420
<p>* Scheduled contact includes on-campus learning, live online learning and practice-based learning hours. Directed non-contact time includes tutor-guided learning and workplace planned learning hours.</p> <p><b>Progression requirements:</b>  <b>Level 4</b> - Requires 120 credits at Level 4  <b>Level 5</b> – Requires 120 credits at Level 4, 120 credits at Level 5  Where the PSRB Requirements box is marked 'yes,' then it is a requirement set by the relevant professional statutory or regulatory body that <b>the pass mark must be achieved in all components of assessment to pass the unit, regardless of the overall aggregated mark.</b> (detail within the Basic Course Information, page 1)</p> <p><b>Exit qualification:</b>  BSc (Hons) Diagnostic Radiography (Integrated Degree Apprenticeship) - 120 credits at Level 4, 120 credits at Level 5 and 120 credits at Level 6  BSc Radiographic Studies – 120 credits at Level 4, 120 credits at Level 5 and 60 credits at Level 6  DipHE Radiographic Studies - 120 credits at Level 4 and 120 credits at Level 5  CertHE Radiographic Studies - 120 credits at Level 4</p> <p>The award of BSc (Hons) Diagnostic Radiography (Integrated Degree Apprenticeship) leads to eligibility to apply for registration with the HCPC and membership of the College of Radiographers</p> <p>Aegrotat awards and the awards of CertHE, DipHE, BSc Radiographic Studies will not confer eligibility for registration with the HCPC and membership of the College of Radiographers</p>																

**Appendix 4: Planned Learning Hours / Credits**

The breakdown of planned learning hours in the apprenticeship required to deliver the KSBs and demonstrate competency in the Apprenticeship Standard including the calculation of *minimum* and actual planned hours over the duration.

Unit Code	Unit Name	Off the job learning hours by unit of learning					Independent Study	Total off the job learning hours by unit of learning	Tripartite progress reviews
		Learner Contact Time (Hours)		Tutor guided learning	Workplace planned learning hours				
		On-campus learning	Live online learning hours	*Logged as asynchronous online learning hours	In your workplace	Practice-based learning			
	Induction	0	14	0	0	0	0	14	0
HRA4001	Determinants of Health	7	35	11	16.5	0	32	101.5	0
HRA4002	Foundations of Professional Practice	17.5	35	10	15	0	31	108.5	1
HRA4003	Health and Wellbeing – the role of AHPs	7	10	0	0	29	24	70	1
DRA4011	Radiation Physics and Equipment 1: Fundamentals	14	35	15	10	0	31	105	1
DRA4012	Skeletal Imaging 1: Principles and Practice	28	12.5	15	0	60	39	154.5	0
DRA4013	Visceral Imaging 1: Principles and Practice	14	10	15	0	150	41	230	1
	Transition	0	14	0	0	0	0	14	0
HRA5001	Developing Professional Practice	7	5	5	16.5	0	33	66.5	1
HRA5002	Leadership and Learning in Allied Health	7	35	18	12	0	33	105	1

HRA5003	Research, Improvement and Innovation Methods	7	35	18	12	0	33	105	0
DRA5011	Radiation Physics and Equipment 2: Advanced Imaging Modalities	14	35	15	10	0	31	105	1
DRA5012	Skeletal Imaging 2: Principles and Practice	14	13.5	16.5	0	150	43	237	0
DRA5013	Visceral Imaging 2: Diagnostic and Interventional Procedures	14	10	15	0	150	44.5	233.5	1
	Transition	0	14	0	0	0	0	14	0
HRA6001	Independent Project for Allied Health Professionals	10.5	12	0	11	0	116.5	150	1
HRA6002	The Reflexive Practitioner	7	8	8	11	0	32.5	66.5	1
DRA6011	Contemporary Practice in Diagnostic Imaging	14	20	10	20	0	41	105	1
DRA6012	Image Interpretation	14	20	10	20	0	41	105	1
DRA6013	Cross-Sectional Imaging	21	14	21	0	315	49	420	1
DURATION – 35 MONTHS TRAINING AND 36 MONTHS TO END OF APPRENTICESHIP									
OTJ Total HOURS CALCULATION planned learning hours for this apprenticeship								2510 HOURS	