

# Transferable Role Template

Career Framework Level 4

Medical Engineer

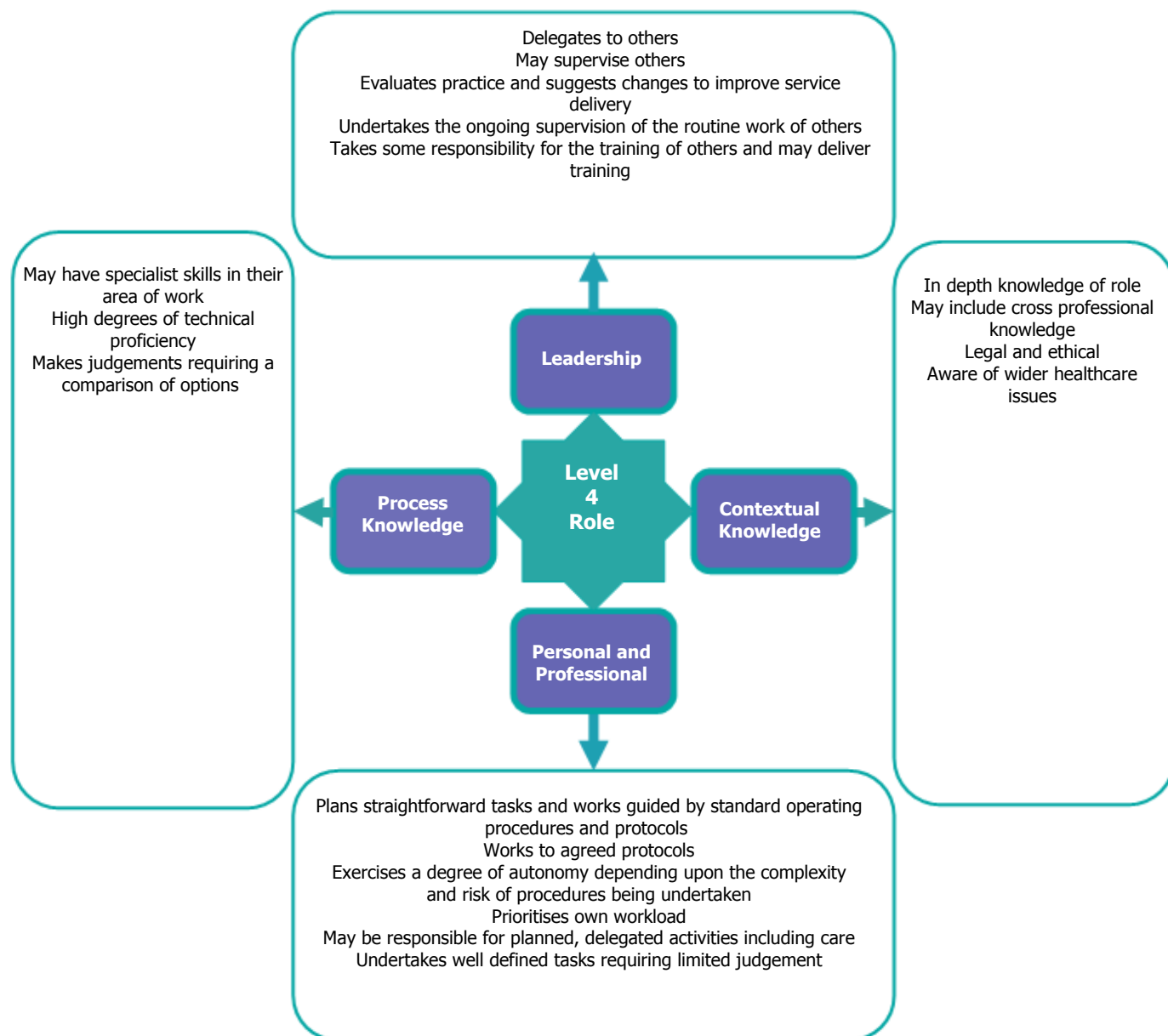
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Developers

SKILLS FOR HEALTH CAREER FRAMEWORK PROJECT

## Level Descriptors

### Key characteristics of a Level 4 Role



### Definition of the Level 4 Role

People at level 4 require factual and theoretical knowledge in broad contexts within a field of work. Work is guided by standard operating procedures, protocols or systems of work, but the worker makes judgments, plans activities, contributes to service development and demonstrates self- development. They may have responsibility for supervision of some staff.

### Example of Role at Level 4

Assistant Practitioner:

Assistant practitioners have a required level of knowledge and skill enabling them to undertake tasks that may otherwise have been undertaken by a practitioner. They will have developed specific technical skills and have a high degree of technical proficiency. They will exercise a degree of autonomy and undertake well defined tasks requiring limited judgement. They may have line management responsibility for others.

An assistant practitioner is a worker who competently delivers health and/or social care to and for people. They have a required level of knowledge and skill beyond that of the traditional healthcare assistant or support worker. The assistant practitioner would be able to deliver elements of health and social care and undertake clinical work in domains that have previously only been within the remit of registered professionals. The assistant practitioner may transcend professional boundaries. They are accountable to themselves, their employer, and more importantly, the people they serve.

The characteristics of an assistant practitioner have been developed by Skills for Health working with focus groups of employers and other stakeholders.

### Basic Information:

Named Role	<b>Medical Engineer</b>
Area of work	Community NHS Or Local Authority Or Independent, Hospital NHS Or Independent
Role Family	Wider Healthcare Team
Experience required	Significant experience in maintenance work
Career Framework Level	4

## Summary of Role

To provide diagnostic and repair services to electrical, plumbing, mechanical plant and equipment, steam installations, refrigeration and air conditioning services

## Scope of the Role

To provide diagnostic and repair services principally to electrical, but also of a more general nature to plumbing, mechanical plant and equipment, steam installations, refrigeration and air conditioning services.

Recognised and registered EITB apprenticeship, 2 years relevant experience in Maintenance Works, C & G 232, 286, or 224 certificate or BTEC ONC in electrical engineering or its equivalent, knowledge of the 16th Edition IIE Regulations

To have a good understanding of building services engineering and healthcare electrical systems

The ability to read and understand complex electrical/mechanical drawings and circuit diagrams.

To have an analytical fault finding ability

To have a good knowledge and understanding of Building Management systems,

refrigeration and air conditioning systems.

To have good communication skills and be able to report in an accurate and concise manner

## Level 4 Core Competences / National Occupational Standards:

Underpinning Principle	Reference Function		Competence
<b>1. COMMUNICATION</b>	1.2	Communicate effectively	GEN97 Communicate effectively in a healthcare environment <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3001">http://tools.skillsforhealth.org.uk/competence/show/html/id/3001</a>
<b>2. PERSONAL &amp; PEOPLE DEVELOPMENT</b>	2.1.1	Develop your own practice	SCDHSC0023 Develop your own knowledge and practice <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3517">http://tools.skillsforhealth.org.uk/competence/show/html/id/3517</a>
	2.1.2	Reflect on your own practice	GEN23 Monitor your own work practices <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/2051">http://tools.skillsforhealth.org.uk/competence/show/html/id/2051</a>
<b>3. HEALTH SAFETY &amp; SECURITY</b>	3.5.1	Ensure your own actions reduce risks to health and safety	IPC2.2012 Perform hand hygiene to prevent the spread of infection <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3309">http://tools.skillsforhealth.org.uk/competence/show/html/id/3309</a>
			PROHSS1 Make sure your own actions reduce risks to health and safety <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3327">http://tools.skillsforhealth.org.uk/competence/show/html/id/3327</a>
			PMWRV1 Make sure your actions contribute to a positive and safe working culture <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/4027">http://tools.skillsforhealth.org.uk/competence/show/html/id/4027</a>
	3.5.2	Protect individuals from abuse	SCDHSC0024 Support the safeguarding of individuals <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3518">http://tools.skillsforhealth.org.uk/competence/show/html/id/3518</a>
<b>5. QUALITY</b>	5.1.1	Act within the limits of your competence and authority	GEN63 Act within the limits of your competence and authority <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/85">http://tools.skillsforhealth.org.uk/competence/show/html/id/85</a>
	5.1.2	Manage and organise your own time and activities	HT4 Manage and organise your own time and activities <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/2501">http://tools.skillsforhealth.org.uk/competence/show/html/id/2501</a>
<b>6. EQUALITY &amp; DIVERSITY</b>	6.1	Ensure your own actions support equality of opportunity and diversity	SCDHSC0234 Uphold the rights of individuals <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3506">http://tools.skillsforhealth.org.uk/competence/show/html/id/3506</a>
<b>B. HEALTH INTERVENTION</b>	B2.1	Obtain information from individuals about their health status and needs	CHS169 Comply with legal requirements for maintaining confidentiality in healthcare <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/2820">http://tools.skillsforhealth.org.uk/competence/show/html/id/2820</a>
<b>D. INFORMATION MANAGEMENT / INFORMATION AND COMMUNICATION TECHNOLOGY</b>	D2.4	Maintain information / record systems	CFA_BAD332 Store and retrieve information using a filing system <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/4104">http://tools.skillsforhealth.org.uk/competence/show/html/id/4104</a>

<b>H. MANAGEMENT &amp; ADMINISTRATION</b>	H1.3.1	Contribute to the effectiveness of teams	SCDHSC0241 Contribute to the effectiveness of teams <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3509">http://tools.skillsforhealth.org.uk/competence/show/html/id/3509</a>
	H2.6	Receive and pass on messages and information	ESKITU020 Use digital communications <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/4150">http://tools.skillsforhealth.org.uk/competence/show/html/id/4150</a>

### Role Specific Competences / National Occupational Standards:

Underpinning Principle	Reference Function		Competence
<b>2. PERSONAL &amp; PEOPLE DEVELOPMENT</b>	2.2.1	Support the development of the knowledge and practice of individuals	CFAM&LDC2 Support individuals' learning and development <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3793">http://tools.skillsforhealth.org.uk/competence/show/html/id/3793</a>
<b>3. HEALTH SAFETY &amp; SECURITY</b>	3.5.1	Ensure your own actions reduce risks to health and safety	GEN96 Maintain health, safety and security practices within a health setting <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/2859">http://tools.skillsforhealth.org.uk/competence/show/html/id/2859</a>
			IPC3.2012 Clean, disinfect and remove spillages of blood and other body fluids to minimise the risk of infection <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3362">http://tools.skillsforhealth.org.uk/competence/show/html/id/3362</a>
			IPC6.2012 Use personal protective equipment to prevent the spread of infection <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3365">http://tools.skillsforhealth.org.uk/competence/show/html/id/3365</a>
			IPC7.2012 Safely dispose of healthcare waste, including sharps, to prevent the spread of infection <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3366">http://tools.skillsforhealth.org.uk/competence/show/html/id/3366</a>
<b>E. FACILITIES &amp; ESTATES</b>	E2.2.2	Transport resources	SS06 Transport supplies of physical resources within the work area <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/2133">http://tools.skillsforhealth.org.uk/competence/show/html/id/2133</a>
<b>G. MEDICAL DEVICES PRODUCTS &amp; EQUIPMENT</b>	G3.5	Test and evaluate equipment, medical devices and products (against a standard)	CHS207 Test medical devices, products, equipment and associated systems within healthcare <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/2832">http://tools.skillsforhealth.org.uk/competence/show/html/id/2832</a>
	G4.1	Maintain equipment, medical devices and products	CHS210 Maintain healthcare equipment, medical devices and associated systems <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/2835">http://tools.skillsforhealth.org.uk/competence/show/html/id/2835</a>
	G4.2	Repair medical devices and equipment	CHS208 Repair medical devices, equipment and associated systems within healthcare <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/2833">http://tools.skillsforhealth.org.uk/competence/show/html/id/2833</a>
<b>H. MANAGEMENT &amp; ADMINISTRATION</b>	H2.7	Use office equipment	CFABAA231 Use office equipment <a href="http://tools.skillsforhealth.org.uk/competence/show/html/id/3708">http://tools.skillsforhealth.org.uk/competence/show/html/id/3708</a>



**Facets of Role (National Occupational Standards):**

Underpinning Principle	Reference Function		Competence
		None Assigned	



**Locality Specific Competences / National Occupational Standards:**

Underpinning Principle	Reference Function		Competence
		None Assigned	

## Indicative Learning and Development

<b>Transferable role</b>	<b>Medical Engineer</b>
<b>Formal endorsed learning</b>	
<b>Informal learning</b>	
<b>Summary of learning and development including aims and objectives</b>	
<b>Duration</b>	
<b>National Occupational Standards used</b>	
<b>Credits (including framework used)</b>	
<b>Accreditation</b>	
<b>APEL and progression</b>	
<b>Programme structure</b>	
<b>Continuous Professional Development</b>	Not specified
<b>Resources required, e.g. placement learning, preceptors, accredited assessors etc</b>	
<b>Quality Assurance</b>	
<b>Policies included in learning programme documentation</b>	
<b>Funding</b>	
<b>Leading to registration or membership with:</b>	

## References & Further Information:

N/A