BTEC Higher Nationals in MedTech for England

These qualifications have HTQ approval

Available for first teach from September 2026

Pearson BTEC Higher Nationals in MedTech for England Level 4 Higher National Certificate (HNC)

Size and structure

120 credits

480 GLH (1200 TQT)

- Internal assessment (100%)

Occupational standards alignment

- Software Developer (ST0116)

Unit	Title	Credits	Type
Mandatory units – students complete and achieve all units			
401	Introduction to MedTech	15	Core mandatory
402	Quality Management Systems (ISO 13485)	15	Core mandatory
403	Risk Management (ISO 14971)	15	Core mandatory
404	Applied Programming	15	Core mandatory
405	Medical Devices	15	Core mandatory
406	Regulatory Compliance	15	Core mandatory
407	Software and UI/UX Design	15	Core mandatory
408	Designing a MedTech Project	15	Core mandatory

This qualification is approved and designated as a Higher Technical Qualification (HTQ) at both Level 4 and Level 5.

Pearson BTEC Higher Nationals in MedTech for England Level 5 Higher National Diploma (HND)

Size and structure

240 credits

960 GLH (2400 TQT)

- Internal assessment (100%)

Occupational standards alignment

- Software Developer (ST0116)

- Associate Project Manager (ST0310)

This qualification is approved and designated as a Higher Technical Qualification (HTQ) at both Level 4 and Level 5.

Unit	Title	Credits	Type
Mandatory units – students complete and achieve all units			
501	Data Management and Cybersecurity	15	Core mandatory
502	Computer Systems Validation	15	Core mandatory
503	Managing a MedTech Project	15	Core mandatory
504	Data Analytics	15	Core mandatory
505	Manufacturing Processes	15	Core mandatory
506	Understanding User Needs	15	Core mandatory
Optional units – students complete and achieve two units from those listed below			
507	DevOps Engineering	15	Optional
508	Professional Development	15	Optional
509	ISO Standard Auditing for Medical Devices	15	Optional
510	Good Practices in MedTech	15	Optional
511	Hardware, Robotics and Autonomous Systems in MedTech	15	Optional
512	Marketing and Sales Approaches	15	Optional
513	Quality by Design (QbD)	15	Optional
514	Emerging Trends and Technologies	15	Optional
515	Advanced Manufacturing	15	Optional
516	Work-Based Experience	15	Optional