## Pathway: GMP Manufacturing Operator/Technician



m new to working i TMPs	experience	free - £3.75k	I already have some GI experience	۲۱۲ free - £3.75
Aston Uni videos free Insights into ATMPs	ATSTN 30m online free Virtual lab tour	CATTI 1hr–5d online £150-2.5k Essentials of AT GMP manufacturing AT GMP onboarding Informa virtual £1.8k Manuf practises for CGT	CGT Catapult online 30m free KR2i KrosFlo clarification process	Merck 0.5-2 day virtual/F2F £300-TBC Filter integrity testing
BSGCT webinar free CRISPR & gene editing	Introduction to GMP GMP in the workplace Data integrity		Miltenyi 1hr online free	Virus removal
Universal CAR-T cells	Introduction to isolators		CliniMACS Prodigy adherent cell culture system	NHC 5d f2f £3.75k Complete intro to bioprocessing
Cytiva 4hr online free Advanced CT Tech	Journey of raw materials		Sartorius video free Filter cartridges & capsules Filter transfer set for final filling product Sartocgeck 5 Integrity Tester Informa 3d virtual £1.8k Comparability for biologics	NIBRT 2d F2F~£1500 Intro to single use tech
EATRIS 7hr online free ATMP development	CGT Catapult videos free Aseptic lab instruction series	InspiredPharma 1d F2F £700 Introduction to GMP		
eLfH online free	Aseptic welding series			NSF online/F2F £100 - £3k A-Z sterile products Documentation simplification Pharmaceutical GMP audits Supplier management GMP for clinical trials Contam control strategy Inspection management Deviation & CAPA management
ATMPs, CAR-T, In vivo GT	Aseptic laundered gowning Aseptic gloving	NIBRT 1hr online £100 Cleanroom behaviours		
NIBRT 1hr online free Intro to cell therapy manuf	De-gowning 2d f2f £1.5k	NHC f2f 4-5d £1.3k-£3.75k Complete introduction to bioprocessing GMP essentials Manuf sterile products		
CGT Catapult 1d f2f £750 Intro to biomanufacturing & advanced therapies	Essential GMP skills Essential laboratory skills Principles & usage of isolators		Inspired Pharma 2-5day online £1.5k - £3.5k Advanced GMP training course GMP Lead Auditor GMP Problem solving Data integrity Sterile product manufacturing	
ISPE 3hr virtual £1k	Single-use technology Aseptic techniques			Pathwise online £250 Introduction to change control Managing change
C> & ATMPs	Cytiva online free	Pathwise 1hr online £250 Introduction to current Good		
NSF 1d virtual £700 ATMPs	Intro to GxP	Manufacturing Processes	Internal GMP Auditor	Data Integrity
NIBRT online/F2F £1.5-2.5k Adv cell therapy technology Gene therapy/Viral vectors	Miltenyi 35m video free Introduction to GMP basics	RSSL 2hr-1d online £90-700 Good Manufacturing Practice series	ISPE online ~£1500 Aseptic processing & Annex 1 GMP Advanced	
	<b>Sartorius video free</b> Biosealer   Biowelder		ITS 1-5 days F2F/online ~£600-£3k	Data integrity, e-records Various Auditing courses
UCL MBI online ~£2k CGT Bioprocessing	Flexsafe STR 1000L bag Flexsafe Pro mixer Flexsafe & Flexel bag	Uni of Herts 3d f2f £1,900 Aseptic Skills for ATMPs	Data Integrity & 21 CFR 11 CAPA & RCA GAMP-5	Computerised systems GMP statistics PQS
<b>UoKent 80 hrs online £500</b> ATs – R&D to market	Hexsale & Hexel bag	Aseptic Skills for ATMP'S	IT Infrastructure & Compliance Validation	Contamn control strategy QRM/CAPA