

WorldSkills UK Assistant Training Manager – Specialist Skills

Please review these in tandem with application guidance in the Assistant Training Managing information pack.

WorldSkills Skill No. & Skill Name	Specialist Technical Skills
57. Additive Manufacturing	<p>An Assistant Training Manager for the WorldSkills Additive Manufacturing competition would need a range of specialist technical skills, including:</p> <ul style="list-style-type: none">• - In-depth knowledge of additive manufacturing technologies, including Selective Laser Melting (SLM), Fused Deposition Modelling (FDM), and DLP/SLA resin-based systems.• - Advanced proficiency in Autodesk Fusion 360, including parametric modelling, generative design, and simulation workflows.• - Experience delivering technical training and mentoring to learners and competitors in high-performance environments.• - Skilled in reverse engineering using 3D scanning and CAD techniques to replicate or redesign physical components.• - Familiarity with WorldSkills competition standards, expectations, and the development of task-based assessments.• - Strong understanding of design for additive manufacturing (DfAM), including optimisation for print success, support strategies, and post-processing techniques. <p>More details are available here: WorldSkills Occupational Standards - Additive Manufacturing</p>