

WorldSkills UK Training Manager – Specialist Skills

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

WorldSkills Skill No. & Skill Name	Specialist Technical Skills
05. Mechanical Engineering: CAD	<p>A Training Manager for the WorldSkills competition Mechanical Engineering: CAD, would need a range of specialist technical skills, including:</p> <p>Essential:</p> <ul style="list-style-type: none">Excellent general knowledge of Autodesk InventorSpecific knowledge within Autodesk Inventor of Frame Generator, Sheet Metal, Tube and Pipe, Cable and HarnessMechanical Design experienceISO Drafting standardsWorldSkills National / International Competition experience. <p>Desirable:</p> <ul style="list-style-type: none">Excellent general knowledge of Autodesk FusionSpecific knowledge within Autodesk Fusion of the Manufacturing environmentGenerative Design, Fabrication/Nesting, Simulation and RenderingExperience of 3D scanning and printing technologiesExperience of Reverse Engineering Physical components. <p>More details are available here: WorldSkills Occupational Standards - Mechanical Engineering CAD</p>