

**SKILLS FRAMEWORK FOR MEDIA  
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

<b>TSC Category</b>	Production Technical Services					
<b>TSC Title</b>	360 Degree Camera Operations					
<b>TSC Description</b>	Manage the set-up and operations of types of 360 degree cameras and associated equipment for the production of immersive media content					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
		<b>MED-MPN-2032-1.1</b>	<b>MED-MPN-3032-1.1</b>	<b>MED-MPN-4032-1.1</b>		
		Support the operation of 360 degree cameras during productions	Operate the 360 degree camera to frame and compose image according to technical specifications and production styles	Direct 360 degree panoramic sequences and camera movements to create visual outputs that align with creative vision of productions		
<b>Knowledge</b>		<ul style="list-style-type: none"> <li>Types of 360 camera systems and equipment</li> <li>Instructions to set up and dismantle 360 camera systems and equipment</li> <li>Techniques to rig cameras on camera systems and equipment</li> <li>Workplace safety and health regulations and procedures pertaining to camera operations</li> </ul>	<ul style="list-style-type: none"> <li>Technical specifications for types of cameras, lenses and accessories</li> <li>Types of panoramic projections and effects</li> <li>Panoramic cinematography techniques</li> <li>Instructions to operate different types of cameras</li> <li>Features and functions for types of 360 degree camera systems and equipment</li> <li>Limitations associated with types of 360 degree camera systems and equipment</li> <li>Impact of camera settings on panoramic projections</li> <li>Techniques to edit visual distractions from panoramic sequences</li> <li>Workplace safety and health regulations and procedures pertaining to camera operations</li> </ul>	<ul style="list-style-type: none"> <li>Concepts of visual storytelling</li> <li>Principles of panoramic cinematography that impact overall visuals</li> <li>Principles of panoramic composition and continuity</li> <li>Techniques to capture complex panoramic shots</li> <li>Technologies to enhance panoramic sequences</li> <li>Workplace safety and health guidelines and protocols</li> </ul>		

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<p><b>Abilities</b></p>		<ul style="list-style-type: none"> <li>• Source for required camera systems and equipment needed for shoots</li> <li>• Set up camera systems and equipment according to technical specifications</li> <li>• Stabilise cameras using appropriate mounting equipment to minimise effects of blurring</li> <li>• Adjust camera settings to achieve required calibration outlined in technical specifications</li> <li>• Carry out checks to ensure that camera systems and equipment are functioning properly</li> <li>• Perform basic routine maintenance on equipment to ensure it is prepared for next round of shooting</li> <li>• Dismantle camera equipment after shooting to keep them in proper storage cases</li> <li>• Comply with workplace safety and health regulations and guidelines during production</li> </ul>	<ul style="list-style-type: none"> <li>• Interpret detailed shot plans to understand production styles and technical requirements</li> <li>• Analyse environment and lighting conditions at location to determine appropriate placement of camera equipment to optimise viewers' vantage points within the scenes</li> <li>• Inspect equipment to ensure that it is correctly fitted and complies with technical requirements</li> <li>• Operate camera to capture panoramic sequences</li> <li>• Control camera movements to achieve desired framing and compositions at varying camera angles</li> <li>• Adjust settings in camera systems and equipment to compensate for variables which impact the quality of footage</li> <li>• Capture additional shots to facilitate the editing of visual distractions from panoramic sequences</li> <li>• Provide feedback on camera angles and movements to enhance visual effects of shots</li> <li>• Administer frequent checks to ensure production teams comply with work processes and workplace safety and health regulations</li> </ul>	<ul style="list-style-type: none"> <li>• Assess requirements in creative briefs and conditions of filming locations to determine camera equipment and accessories needed for productions</li> <li>• Develop detailed shoot plans to outline camera angles and movements needed for panoramic scenes</li> <li>• Collaborate with production teams to plan integration of interactive components in panoramic shots</li> <li>• Oversee the set-up and inspection processes to ensure alignment with production and workplace safety and health requirements</li> <li>• Direct production teams to capture desired panoramic sequences</li> <li>• Develop alternative plans and solutions to resolve technical issues during productions</li> <li>• Adapt parameters, camera techniques and movements to enhance overall visual effects and outputs</li> <li>• Review footage to ensure that shots are framed in a manner that achieves continuity and seamless transition between shots</li> </ul>		
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