

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

<b>TSC Category</b>	Content Post-Production					
<b>TSC Title</b>	Sound Mixing					
<b>TSC Description</b>	Balance the levels of combined sound elements to create audio mixes for production					
<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-3007-1.1</b>	<b>MED-MPN-40071.1</b>	<b>MED-MPN-5007-1.1</b>	
			Blend sound elements of similar nature to create sound mixes required for production	Review the balance of sound elements to craft sound mixes that enhance the narratives and moods of production	Lead the conceptualisation of sound mixes needed to combine all sound elements in production	
<b>Knowledge</b>			<ul style="list-style-type: none"> <li>• Technical specifications for commonly used audio mix formats</li> <li>• Principles of sound</li> <li>• Types of sound qualities</li> <li>• Techniques to achieve various dynamic ranges and intelligibility in sound mixes</li> <li>• Operating characteristics of commonly used mixing and auxiliary equipment</li> <li>• Types of sound processing techniques</li> </ul>	<ul style="list-style-type: none"> <li>• Technical specifications of audio mix formats delivery and encoding formats</li> <li>• Relevant industry quality standards</li> <li>• Techniques of sound processing treatments</li> <li>• Impact of sound mixing techniques on dynamic ranges, sound staging and intelligibility</li> <li>• Limitations of various types of sound equipment</li> <li>• Parameters to assess qualities of sound mixes</li> <li>• Types of solutions to rectify quality issues</li> </ul>	<ul style="list-style-type: none"> <li>• Types of sound mixing styles</li> <li>• Types of sound design and set-up</li> <li>• Concepts of sound staging and processing</li> <li>• Principles underpinning sound editing techniques</li> <li>• Impact of acoustics on emotions and visual moods</li> <li>• Sound delivery technologies</li> </ul>	

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<p><b>Abilities</b></p>			<ul style="list-style-type: none"> <li>• Check sources to ensure that audio files are in the required technical formats</li> <li>• Mix elements from various sound sources to achieve required sound balance</li> <li>• Apply sonic processes to improve quality of sound mixes</li> <li>• Adjust sound levels to ensure smooth transition of sound elements between scenes</li> </ul>	<ul style="list-style-type: none"> <li>• Review requirements in each scene to identify the required sound levels</li> <li>• Develop detailed audio work plans to outline the processes and timelines</li> <li>• Supervise the sound mixing workflows to track project progress against timelines and budgets</li> <li>• Guide teams on performing sound processing treatments to improve tone, dynamics and spatial separation of sound mixes</li> <li>• Assess edited sound files against technical parameters to ensure consistency of sound mixes</li> <li>• Develop remedial actions to resolve technical issues related to the sound mixes</li> </ul>	<ul style="list-style-type: none"> <li>• Lead collaborations with production teams to discuss the blend of sound mixes that complement the narratives</li> <li>• Conceptualise the style of sound mixes to achieve the creative vision of production</li> <li>• Develop detailed creative briefs to outline requirements in sound mixes</li> <li>• Guide the sound mixing teams on the premix and final mix to ensure that the dialogues, Automated Dialogue Replacement (ADR), Foley, atmosphere, music and special effects tracks are blended appropriately</li> <li>• Guide the sound mixing team on the use of emerging technologies to create sound mixes</li> <li>• Review final outputs to ensure alignment to creative and technical specifications</li> </ul>	
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