

SKILLS FRAMEWORK FOR MEDIA		
SKILLS MAP - DIRECTOR OF PHOTOGRAPHY* (SPECIALTY CAMERA OPERATION)		
<b>Sector</b>	Media	
<b>Sub-sector</b>	Film and Video, TV and Broadcast	
<b>Track</b>	Production Technical Services	
<b>Sub-track</b>	Camera	
<b>Occupation</b>	Camera Professional	
<b>Job Role</b>	<b>Director of Photography* (Specialty Camera Operation)</b>	
<b>Job Role Description</b>	<p>The Director of Photography (DoP) establishes the overall visual style and look of the production by understanding the creative vision of the production. He/She is responsible for guiding the camera, lighting and grip teams in the achievement of the visual objectives of the content during the shoot. He determines the framing of shots, guides the position, movement and focusing of the cameras to achieve the shot required.</p> <p>He may be required to identify specialty cameras such as 360 cameras or underwater cameras that may be needed to shoot desired shots by understanding the creative vision of the product. He will subsequently direct the operation and movement of these cameras during the shoot.</p> <p>The work involves high levels of creative thinking and collaboration with the creative leadership as well as providing leadership and creative direction to the camera, lighting and grip departments. He is expected to operate outdoors and may be required to travel depending on the location of the shoot.</p> <p>He should have excellent technical knowledge of cameras, lenses, shooting equipment and digital processes. He is required to have knowledge of camera operations, lighting techniques and should know how to combine these with his artistic vision to produce compelling results. He ought to possess the artistic vision to visualise ideas and bring them to fruition. He should also possess strong technical and creative knowledge, camera techniques, an in-depth understanding of post-production processes, colour and data management best practices and the ability to guide the camera crew.</p>	
<b>Critical Work Functions and Key Tasks</b>	<b>Critical Work Functions</b>	<b>Key Tasks</b>
	Define the visual appearance of the content	Develop an understanding of the creative vision for the production by communicating with the creative leadership team
		Analyse the production script to understand the theme and kind of visual setting that would suit the show or film
		Contribute creative and camera inputs to creating and refining the storyboards for the production
		Determine camera and lighting equipment required for the production along with the gaffer in consideration of the allocated budget
		Provide key creative and camera inputs to the visual styling, mood and feel of the production by conducting a discussion with the creative leadership team
		Plan the framing for each shot to understand the camera equipment, camera movements and angles and specific lighting required for each shot
		Finalise key locations for shoot in collaboration with the creative and production team
	Prepare for the shoot	Secure the necessary equipment for shoot by coordinating with the production team
		Guide the relevant teams in positioning of cameras for each shot
		Experiment with special lenses, filters or film stocks to select those that fit with the director's vision for the film
		Oversee the lighting and camera positioning before the first take
		Guide the positioning of cameras as per the framing of the shots and the movement required of the cameras
		Frame each shot to establish technical parameters such as focal distances to achieve the desired visual impact from the shot
		Conduct blocking to guide cast and crew and to identify and resolve any technical issues
	Perform shoot operations	Refine camera placement and focus length paths requirements based on shots taken during blocking
		Guide the framing and focus of shots during the shoot
		Monitor the shoot of all major scenes on the viewing monitor to advise on camera and lighting adjustment
		Review raw footage with the creative leadership team to check shooting progress and determine if any shots need to be re-taken or if any improvised shots need to be taken
	<b>Specialisation in Specialty Camera Operation</b>	
Manage specialty camera operations	Understand the creative vision for the multiple camera production	
	Develop the shot plan for the multiple and/or specialty camera set-up	
	Direct the positioning of the cameras to meet all shot requirements	
	Plan the lighting of the set that would suit all positioned cameras by leading collaborations with production teams	
	Direct the shots using multiple camera set-ups by instructing the production teams to switch cameras for shots as required	

	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	<b>Skills and Competencies</b>	360 Degree Camera Operations	Level 4 <sup>^</sup>	Creative Thinking
Aerial Camera Operations		Level 4 <sup>^</sup>	Decision Making	Advanced
Camera Operations		Level 4	Leadership	Advanced
Cranes, Remote Heads and Jibs Camera Operations		Level 4 <sup>^</sup>	Communication	Advanced
Crew Selection		Level 4	Teamwork	Advanced
High Speed Camera Operations		Level 4 <sup>^</sup>		
Holographic Camera Operations		Level 4 <sup>^</sup>		
Immersive Design		Level 4		
Procurement for Production Operations		Level 4		
Project Management		Level 4		
Stabilised Camera Operations		Level 4 <sup>^</sup>		
Underwater Camera Operations		Level 4 <sup>^</sup>		
Vehicle Camera Operations		Level 4 <sup>^</sup>		
Visual Style Development		Level 4		
<b>Programme Listing</b>	For a list of Training Programmes available for the Media sector, please visit: <a href="http://www.skillsfuture.sg/skills-framework/Media">www.skillsfuture.sg/skills-framework/Media</a>			

The information contained in this document serves as a guide.  
 Note: \*Text in brackets refer to specialisations included in the job role  
 Note: ^Skills needed for working with specialty cameras