

Training Content Framework: 02 Images

Module title:	Images
Notional Learning time	3 - 5 hours
Description of the module	<p>The module is designed linear. The sequences are</p> <ol style="list-style-type: none"> 1. Image Sources (Camera, Smartphone, Scanner) 2. Popular Image Formats (Raster image format, RGB) This is very specific for digital illiterate people and must be explained in an easy-to-understand way 3. Image File Formats¹ JPeG, PNG, GIF 4. Image Compression – loss of image quality 5. Images in the Cloud 6. Use of Images * Social Networks * Texts 7. Image Editing and change of image settings and properties (presets of applications – social media) 8. Final summative self-evaluation
Learning objectives	The module aims to know the creation, adoption and use of images including the basic technical background of image files.
Steps	<ul style="list-style-type: none"> ● Learn about various image sources Intermediate self-evaluation ● Learn about different image formats Intermediate self-evaluation ● Learn about the use of images (various purposes) Intermediate self-evaluation ● Learn about basic image editing processes Intermediate self-evaluation ● Final summative evaluation
Material	
Learning content	<p>Case study about image sources Presentation image formats Summary of image file formats Interactive demonstration of image compression and loss of quality Description of images stored in the cloud Description of use of images Description of (simple) image editing</p>
Learning content type in moodle	<ul style="list-style-type: none"> ● Case study for image sources ● “H5P Course Presentation” of some image issues ● Interactive PPT presentation of image file formats ● Multimedia-based self-evaluation (image sources, image file formats)

¹ This is necessary because in Social Media GIF often is used for “imaged texts” or as animation.

	<ul style="list-style-type: none"> ● Interactive compression demonstration (with self-evaluation) Support documentation about image formats ● Page “Images in the cloud” ● Book “use of images” ● Interactive PPT presentation image editing Hint: 3 versions for Android Smartphone, IOS Smartphone, and computer-like devices ● Summative evaluation 		
Activity/Task	<p>Work through the case study</p> <p>Do the “H5P Course Presentation” of popular image formats</p> <p>Run the PPT presentation of image file formats</p> <p>Do the self-evaluation</p> <p>Run the H5P interactive compression demonstration</p> <p>Do the self-evaluation (compression)</p> <p>Work through the page “Images in the cloud”</p> <p>Work through the book “use of images”</p> <p>Do the presentation about the image editing</p> <p>Do the summative self-evaluation</p>		
External resources			
Evaluation			
Learning outcomes in terms of competence	Knowledge	Skills	Attitude
	<i>Reference to competence map</i>	<i>Reference to competence map</i>	<i>Reference to competence map</i>
	Know about image sources	Identification of different images	Use images correctly in the given context
	Know about different image formats and their use	Use images in various contexts (social media, text, ...)	
Know about basics of image editing	Be able to edit basic settings and properties of images		
Evaluation content	<p>Intermediate self-evaluations</p> <p>Summative final self-evaluation</p> <p>Hint: Both can be used as assessment means.</p>		