



Topic	Outcomes	Objectives	Sub-Objectives
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1 Intro to Photography

·Presented with photos or shooting conditions and subjects, explain at the beginner level something of how iso, shutter speed, light, aperture, etc. has affected or will affect the result

Rel aperture to effects on photos taken, as well as shooting conditions (light) and subjects

·Def aperture

Rel shutter speed to effects on photos taken, as well as shooting conditions (light) and subjects

·Def shutter speed

Rel ISO to effects on photos taken, as well as shooting conditions (light) and subjects (motion)

·Def ISO

Rel exposure to effects on photos taken, as well as shooting conditions (light) and subjects

·Def exposure
·List the three elements of exposure

2 Understanding Exposure

· Balance aperture, iso and shutter speed via the exposure triangle for desired effects in photos.

Use the exposure triangle to adjust and prioritize aperture, shutter speed, and ISO to get the desired shot

·Exp exposure triangle

Topic	Outcomes	Objectives	Sub-Objectives
		Sel best aperture for subject and lighting	<ul style="list-style-type: none"> ·Exp f/stop ·Rel f/stop/aperture to effect in photos ·Def depth of field ·Rel aperture and f/stop to depth of field ·Def focal range ·Rel aperture to focal range ·Rel aperture to exposure ·Def focal plane
		Sel best shutter speed for a shot	<ul style="list-style-type: none"> ·Exp shutter speed notation ·Rel shutter speed to subject motion ·Sel shutter speed for subjects ·Rel shutter speed to effect in photos ·Rel use of tripod to shutter speed
		Select best ISO settings for a particular shot	<ul style="list-style-type: none"> ·Rel ISO to noise/grain ·Rel ISO to shutter speed and aperture ·Adjust shutter speed and ISO to match aperture adjustment ·Prioritize options when selecting ideal exposure for a shot, depth of field, motion, etc. ·Sel ISO settings for different shots ·Rel ISO to night shots ·Def ISO
		Use exposure metering to get the best shot	<ul style="list-style-type: none"> ·Def exposure metering ·Exp exposure metering stops ·Locate exposure meter displays on typical cameras ·Exp issues with grayscale sensors when shooting true white/black subjects ·Exp how to overcome grayscale sensor issues vis over- and under- exposure ·Explain why there are eight or more combinations of settings in the exposure triangle ·Exp manual adjustment of exposure metering

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3 Learning How To Use Your Camera	·Put the exposure triangle into practice with your camera	Interperet a histogram on a basic level	·Rel histogram to exposure metering
		Explain essential details regarding a modern camera including location of key controls, parts, basic features, etc.	·Explain limitations of automatic settings ·Define program mode ·Define scene modes ·Define custom mode ·Define Bulb B mode ·Def DSLR
		Use aperture priority/A/AV mode	·Explain aperture priority/A/AV mode
		Use TV/Shutter priority mode	·Explain TV/Shutter priority mode ·ID shots best suited to shutter priority
		Use manual mode	·Define Manual mode ·ID shots best suited to manual mode
		Use histograms	·Exp histogram
		Use white balance	·Define white balance ·Define color temperature ·Exp white balance modes ·Exp custom white balance
		Use manual focus	·Exp manual focus ·Def manual focus ring ·Exp live view
		Use auto-focus	·Explain auto-focus ·Def auto-focus point ·Def auto-focus group ·Describe limitations of auto-focus ·Explain limits of auto focus
		Use center weighted metering	·Def center weighted

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		Select best shooting mode for situation	·Explain exposure compensation adjustment
		Use evaluative (matrix) metering	·Def evaluative matrix
		Select the best metering mode options for situation	
		Select best focusing mode	
		Use spot metering	·Def spot metering
4 The Value of Creative Composition	·Apply the dos and don'ts of composition synergistically to create compelling images	Use compositional elements	<ul style="list-style-type: none"> ·Explain composition ·Explain storytelling in py ·Contrast foreground or background via depth of field or color ·Explain rule of thirds ·Explain leading lines ·Explain filling the frame ·Explain rule of odds ·Explain leaving space ·Explain filling the frame ·Explain balance in composition ·Explain patterns in composition ·Explain framing ·Explain breaking the rules of composition ·Explain perspective
		Use (and identify) compositional parts of photos	<ul style="list-style-type: none"> ·Explain subject ·Explain foreground ·Explain background ·Select subject

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5 Portrait Photography	·Take compelling portraits	Avoid distracting compositional elements	<ul style="list-style-type: none"> ·Avoid clipping ·Avoid over-complexity, chaos
		Isolate the subject	<ul style="list-style-type: none"> ·Explain depth of field ·Explain isolation ·Explain Isolation via aperture ·Explain isolation via lens length ·Explain isolation by background distance ·Explain isolated aperture ·Explain semi-isolated aperture ·Explain storytelling aperture
		Select appropriate lenses for portraiture	<ul style="list-style-type: none"> ·Explain millimeter notation for lens length ·Relate lens length (mm) to portraiture ·Relate aperture (f-stop) of lenses to portraiture ·Explain candid portrait
		Compose a portrait	<ul style="list-style-type: none"> ·Explain rule of thirds in portraiture composition ·Fill the frame in portraiture composition ·Explain follow the gaze ·Explain cropping tactics for portraits
		Avoid the five mistakes of portraiture	<ul style="list-style-type: none"> ·Explain portraiture mistake too much distance ·Explain portraiture mistake chopping limbs ·Explain portraiture mistake objects behind head ·Explain portraiture mistake horizon through head

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		Select lighting for portraits	<ul style="list-style-type: none"> ·Explain bright diffused light ·Explain dramatic side light ·Explain backlight ·Explain poor light
		Apply the five rules of portraiture	<ul style="list-style-type: none"> ·Explain portraiture rule focus on the eyes ·Explain portraiture rule simplify the background ·Explain portraiture rule put your subject in good light ·Explain portraiture rule shoot faster ·Explain portraiture rule evoke a reaction
		Identify types of portrait photos	<ul style="list-style-type: none"> ·Explain classic portrait ·Explain environmental portrait ·Explain lifestyle portrait ·Explain travel portrait ·Explain studio portrait ·Explain abstract portrait
6 Landscape Photography			
	·Shoot compelling landscapes		
		Select landscape equipment	<ul style="list-style-type: none"> ·Explain tripod use ·Discuss cameras for landscapes
		Synergistically apply key landscape techniques	
		Select filters for various situations	<ul style="list-style-type: none"> ·Explain polarizing filters ·Explain neutral density filters ·Explain graduated neutral density filters
		Shoot long exposures	<ul style="list-style-type: none"> ·Explain long exposure photography
		Isolate landscape subjects	<ul style="list-style-type: none"> ·Explain isolating the subject
		Use scale and perspective in landscape shots	<ul style="list-style-type: none"> ·Explain using scale and perspective

Topic	Outcomes	Objectives	Sub-Objectives
		Select lenses for landscape shots	·Explain lenses for landscapes
		Use foreground elements	·Explain adding foreground elements
		Adjust camera settings for landscape	·Explain aperture for landscapes ·Explain shutter speed for landscapes ·Explain ISO for landscapes
7 Action Photography	·Shoot compelling action photos	[Topic objectives not yet defined]	·Explain bokeh in action photos ·Explain ISO for action photos ·Explain shutter speed for action photos ·Explain shutter priority for action photos ·Explain continuous shooting for action photos ·Explain aperture for action photos ·Explain motion blur, shutter speed in action photos