**Photo Shoot Checklist: Tempe Town Lake November 4, 2021**

1. Preparation:
	1. Research
		1. □ Location: Tempe Town Lake, North Shore, east of Mill Ave Bridge
		2. □ Subject
			1. Sports on the Lake (Golden Hour until Sundown)
				1. Boating, Biking, Rowing Sailing
				2. Front, Side, Back (Silhouette) Lighting
			2. Lakefront Buildings (Blue Hour and Later)
				1. Details
				2. Lake Reflections
				3. Panorama
			3. Mill Ave Bridge
				1. Architectural Details
				2. Golden Hue
				3. Starbursts
			4. Between Bridges
			5. Light Rail
			6. Pedestrian Bridge [?]
			7. *Feel free to add others that interest you*
		3. □ Expected Photo Conditions
			1. □ Weather
				1. Overcast sky will obliterate Sunset and Blue Hour

No effect after dark

* + - 1. □ Lighting
				1. Night Sky
				2. Floodlit Architecture
				3. Streetlights
				4. String Lighting (Mill Ave Bridge)
			2. □ Hazards to photographer or photo gear
				1. Personal safety is good at the lake

Stay close in large groups

* + - * 1. Setting a tripod on Mill Ave Bridge is Hazardous

Heavy Traffic

Not Recommended for groups

* 1. □ Required Gear
		1. □ Camera
			1. □ Manual ISO selection
			2. □ Operate in A (Av) or M (manual)
			3. □ Tripod Mount
		2. □ Lens
			1. □ Wide Angle (to Normal)
			2. □ Short Telephoto (to Normal)
			3. □ Long Telephoto (Isolate Sports on the Lake)
		3. □ Accessories
			1. □ Tripod
				1. □ Panning Head (Recommended)
			2. □ Remote
			3. □ Spirit Level (if not built-in camera or tripod head)
		4. □ Flashlight
		5. □ Sweater
		6. □ Drinking Water
		7. □ Folding Chair (Optional)
	2. □ Skills Review
		1. □ Assembling/ Disassembling your Tripod
			1. □ In the Dark!
		2. □ Using Remote Shutter Release or 2-Second Timer
			1. □ Practice long exposure
			2. □ Review full size photo on your PC
				1. Seeking Sharpness
		3. □ Practice selecting Focus Point
			1. □ In the Dark!
		4. □ Practice Exposure Bracketing
			1. □ In the Dark!
		5. □ Practice Manual Focus
			1. □ In the Dark!
	3. □ Print this Checklist and check-off items as you complete them
		1. □ Battery Charged?
		2. □ Media Card Formatted?
		3. □ Camera Strap Attached?
		4. □ Lens Clean?
		5. □ Remove all filters
		6. □ Lens Hood?
		7. □ Pack all Required Gear listed in 1b
	4. □ Initial Settings:
		1. □ Set display to Live View (Shots on Tripod)
			1. □ Use Viewfinder for Long Lenses (If Handheld)
		2. □ Mode Dial set to A
			1. □ f/8-11
		3. □ Evaluative (Matrix) Metering
		4. □ ISO: Lowest Available (ISO 50-200)
		5. □ Auto WB
		6. □ Auto Focus: Single Shot
			1. □ Center
	5. Bring this Checklist to the Shoot!
1. The Shoot
	1. □ Sports on the Lake (Golden Hour until Sundown)
		1. □ Subject: Boating, Biking, Rowing Sailing
			1. □ Front, Side, Back (Silhouette) Lighting
		2. □ May be handheld or use Tripod.
		3. □ Longer Lens, High shutter speed
	2. □ Blue Hour
		1. □ Subject: Lakefront Buildings / Lake Reflections
		2. □ Exposure set to A (Av) f/8-11
		3. □ Camera on Tripod, fully leveled
		4. □ ISO 50-200, Evaluative (Matrix) Exposure
		5. □ Hyperfocal Focus (1/3 distance in front of subject)
	3. □ Blue Hour
		1. □ Subject: Lakefront Buildings Details
		2. □ Telephoto Lens
		3. □ Exposure set to A (Av) f/2.8-5.6
		4. □ Camera on Tripod, fully leveled
		5. □ ISO 50-200, Evaluative (Matrix) Exposure
	4. □ Blue Hour
		1. □ Panorama: Lakefront Buildings / Lake Reflections
		2. □ Exposure set to A (Av) f/8-11
		3. □ Camera on Tripod, fully leveled
			1. Vertical Orientation
		4. □ ISO 50-200, Evaluative (Matrix) Exposure
		5. □ Hyperfocal (Manual) Focus (1/3 distance in front of subject)
		6. □ Overlap Panorama Frames by 1/3
	5. □ Mill Ave Bridge/ Between Bridges/ Light Rail/ Other
		1. □ Subject: Vanishing Point Perspective
		2. □ Exposure set to A (Av) f/8-11
		3. □ Camera on Tripod, fully leveled
		4. □ ISO 50-200, Evaluative (Matrix) Exposure
		5. □ Hyperfocal Focus (1/3 distance in front of subject)
	6. □ Shot I wish to get
		1. □ Subject
		2. □ Lighting
		3. □ Perspective
		4. □ Exposure
		5. □ Focus
		6. □ Other Characteristics (Specify)