Biomechanics of Injury Causation is a one-hour course designed to help the participant understand the mechanics of tissue injury and the injury potential associated with different incident scenarios. The course will provide some familiarity with human anatomy, and will provide a variety of examples in which claimed injuries are analyzed in light of the incidents that reportedly caused them, so that personal injury allegations may be more clearly understood.

١.	General Introduction		(5 minutes)
	a.	Course Objectives	
	b.	Anatomical Orientation	
П.	Tissue Bi	omechanics	(10 minutes)
	a.	Tissue Properties	
	b.	Bone	
	с.	Muscle	
	d.	Ligaments and Tendons	
ш.	III. Tissue Injury		(10 minutes)
	a.	Fractures	
	b.	Sprains	
	с.	Strains & Muscle Tears	
	d.	Brain Injury	
IV.	V. Anatomy and Injury Biomechanics		(20 minutes)
	a.	Upper Extremity	
		 Wrist 	
		Elbow	
		 Shoulder 	
	b.	Lower Extremity	
		 Ankle 	
		Knee	
		■ Hip	
	с.	Spine	
		Disc	
		Vertebrae	
	d.	Head	
		Skull	
		Facial Skeleton	
		 Brain 	
v.	Investiga	tion Methodology	(10 minutes)
	a.	Assessment of Situation Mechanics	
	b.	Medical Record Review	
	с.	Analysis	

(5 minutes)