**ES 335 Exam #1 Study Guide**

* Planes & Axes
	+ Fundamental movements of each plane/axis
	+ Functional joint classification
* Purpose of kinematic analysis
* Kinematic variables
	+ Time
	+ Position
	+ Displacement
	+ Velocity
	+ Acceleration
* Scalars vs. vectors
* Linear vs. angular motion
* Converting units
* Problem solving with laws of constant acceleration (linear and angular)
* Projectile motion
	+ Problem solving with projectile motion