

# Mechanisms Unit

Principles of Engineering Fall 2014

Day	Date	Notes	Lab / Activity	Assignment	Test / Quiz
Mon	8/18	Course Info; PLTW info; WHY; IMA/AMA/Efficiency; types of	Levers investigation (due Fri)	Easy simple machine problems (due Tue)	
Tue	8/19	The rest of the simple machines	Pulleys investigation (due Fri)	Medium simple machine problems	
Wed	8/20	Compound machines		Challenging simple machine problems	
Thu	8/21	Design Processes	Compound Machine Project (due Mon)		
Fri	8/22		Compound Machine Project (due Mon)	Simple machines review	
Mon	8/25			Last chance to turn in assignments	Simple Machines Quiz
Tue	8/26	Gears / Pulleys / Sprockets	Gears investigation (due Fri)	Simple gear problems (due Wed)	
Wed	8/27	Compound gear trains; efficiency	Gears investigation (cont)	Compound gear problems (due Thu)	
Thu	8/28	Unit Conversions	Gears investigation (cont)	Unit conversion practice; gears review (due Fri)	
Fri	8/29			Last chance to turn in assignments	Gears quiz