ACT@PSU

TASK LIST

**Top Priority (What was Promised for the Grant):**

Finish Content Pages:

* Particle Kinematics
* Extended Body Kinematics (Jacob)
* Kinetics Force and Acceleration Method (Jacob)
* Work and Energy Method
* Impulse Momentum Method

Develop Video Lectures:

* Particle Kinematics
* Extended Body Kinematics
* Kinetics Force and Acceleration Method
* Work and Energy Method
* Impulse Momentum Method

Develop Worked Problems:

* Particle Kinematics
* Extended Body Kinematics (Jacob)
* Kinetics Force and Acceleration Method (Jacob)
* Work and Energy Method
* Impulse Momentum Method

Develop Worked Problem Video Solutions:

* Particle Kinematics
* Extended Body Kinematics
* Kinetics Force and Acceleration Method
* Work and Energy Method
* Impulse Momentum Method

Develop Introductory Videos (Jacob)

**Secondary Priorities:**

Proofreading Existing Content:

* Newtonian Mechanics Basics
* Particle Equilibrium
* Extended Body Equilibrium
* Statically Equivalent Systems
* Engineering Structures
* Friction and Friction Applications
* Particle Kinematics
* Extended Body Kinematics
* Kinetics Force and Acceleration Method
* Work and Energy Method
* Impulse Momentum Method
* Vector and Matrix Math
* Moment Integrals

Development and Integration of Webworks:

* Newtonian Mechanics Basics
* Particle Equilibrium
* Extended Body Equilibrium
* Statically Equivalent Systems
* Engineering Structures
* Friction and Friction Applications
* Particle Kinematics
* Extended Body Kinematics
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Replacing Image Formulas with LaTEX

* Newtonian Mechanics Basics
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