



Applied Mechanics II

Course Number	MET 301
Course Name	Applied Mechanics II
Credit Value (Breakdown of theory and lab credits)	2T+0L
Catalog Course Description	Student will study Photovoltaic effect in semiconductors; electrical and mechanical design of photovoltaic cells, panels, and systems; use of lenses and mirrors in PV systems; manufacturing methods of PV devices.
Student Learning Outcomes/Objectives /Competencies of the Course	<ul style="list-style-type: none"> • To apply force and motion analysis in different coordinate systems. • To apply principles of kinematics and kinetics of particles and system of particles to analyze and solve problems of engineering applications. • Analysis of engineering problems involving plane kinematics and plane kinetics of rigid bodies. • To apply the knowledge of work, energy and power, impulse and momentum.
College-Wide Student Learning Outcomes	Critical Thought

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