



SYLLABUS

Course Number Course Name	Engineering Physics II
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	The purpose of this course is to provide an understanding of physics principles and develop problem-solving skills. We will cover chapters 13 - 35 of the textbook, learning the important concepts such as: Fluid Mechanics, Waves and Oscillations, Thermodynamics, Electricity, and Magnetism. Much of the class period will be spent learning how to solve Physics problems, and class participation is expected.
Student Learning Outcomes/Objectives /Competencies of the Course	<ol style="list-style-type: none"> 1. Student will understand physical theoretical concepts of Mechanical/Classical Physics; 2. Student will improve problem-solving skills by working homework problems and actively participating in group or classroom discussions; 3. Student will gain hands-on laboratory experience.
College-Wide Student Learning Outcomes	<p>Engineering Physics II learning objectives align with the following NNMC College Wide Goal:</p> <p>Critical Thinking</p> <p>Student's progress to meet this goal is assessed using their theoretical and practical application of the concepts learned.</p>