



ELEC 1153L SYLLABUS

Course Number Course Name	ELEC 1153L Electrical Industrial Applications Lab II
Credit Value (Breakdown of theory and lab credits)	3 (3 Lab)
Catalog Course Description	In this course, students will continue to learn practical applications and operations in wiring techniques and codes for industrial projects; tools safety, hardware use and installation. Pre-requisites: None
Student Learning Outcomes/Objectives /Competencies of the Course	<p>Topics</p> <ul style="list-style-type: none"> • Using anchors to install a metal enclosure • Installing a retrofit “old work” electrical box • Erecting an extension ladder • Cutting a hole in a metal enclosure for an EMT connector • Installing a raceway support system (trapeze) • Installing a flexible metallic conduit • Installing armor clad and metal clad cables • Wire pulling techniques • Labeling and marking • “Trimming out” and electric panel
College-Wide Student Learning Outcomes	<i>College Wide Student Learning Outcomes:</i> Communication Critical Thought