

Module 6: Electrical and Motor Basics

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Students can start this module at anytime. There is no pre-requisite module required.



PTEC.1113 Module 6 Description and Outcomes.pdf

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Reading Assignment: Chapter 19 - Electricity and Motors, in the Textbook

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PDF: M6 Instructional Material on the Basics of Electricity 061422.pdf

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Video: Lab 6.1 Measuring Resistance of Electrical Components in Automation Studio

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Video: Measuring Resistance of electrical components within an Automation Studio application, which is part of Lab Exercise 2.1.



Video: Lab 6.1 A.S. Explaining Circuits 2 - 5 in Automation Studio

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Lab Exercise 6.1: Basic Electrical Concepts in Automation Studio.pdf

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This Lab Exercise is to be used with Automation Studio simulation software. The student will download the simulation file, then open it in Automation Studio to perform the learning exercise.



Simulation File: For Lab Exercise 6.1 Basic Electrical Concepts.prx

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This is the Automation Studio simulation file that must be opened with Automation Studio. Click on the file to download it to the Downloads folder. Open Automation Studio, then open project and navigate to the Downloads folder to access the file.



Job Sheet/Lab Exercise 6.2: Electrical Basics in the Electrical Lab 071422.pdf

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KAA Study Guide for Module 6.pdf

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Practice Quiz: M6: Created 6/13/22: Unlimited Takes

Due date: 12/31/22, 12:00 AM

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Knowledge & Application Assessment: Module 6

Due date: 6/25/22, 12:00 AM



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M6 KAA Graphic Files

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This folder contains the graphic files ".png" that are used in the KAA and Practice Quiz assessments. Students should not have access to these files.
