Title: **Binary to Decimal Conversion** Worksheet: 1

Course: Introduction to Automation Unit: Introduction to PLC CLO: 4

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objectives**

1. Student shall calculate a decimal number given a binary number.

**Instructions**

Convert the following binary number to the decimal equivalent.

1011 1110 \_\_\_\_\_\_\_\_\_\_

0010 0110 \_\_\_\_\_\_\_\_\_\_

1101 1011 \_\_\_\_\_\_\_\_\_\_

0110 1101 \_\_\_\_\_\_\_\_\_\_

1111 1001 \_\_\_\_\_\_\_\_\_\_

1001 1011 \_\_\_\_\_\_\_\_\_\_

1111 1111 \_\_\_\_\_\_\_\_\_\_

0001 0000 \_\_\_\_\_\_\_\_\_\_

0101 0101 \_\_\_\_\_\_\_\_\_\_

1010 1010 \_\_\_\_\_\_\_\_\_\_

0011 0011 \_\_\_\_\_\_\_\_\_\_

This page left intentionally almost blank