



Laboratory Report

Laboratory Exercise No.:	5.0	Date Performed:	April 3, 2024
Laboratory Exercise Title:	Analog to Digital Converter		
Name of Students:	Rodjean Gere, Josh Ratificar	Group:	2

Part I. Data

Table 1.0 – LE5-2 Table Data

Input (V)	LED Display Output (V)	Error (%)
0 V	0.0 V	0%
0.543 V	0.5 V	7.919%
1.052 V	1.0 V	4.943%
1.545 V	1.5 V	2.913%
2.053 V	2.0 V	2.582%
2.523 V	2.5 V	0.912%
3.013 V	3.0 V	0.431%
3.511 V	3.5 V	0.313%
4.552 V	4.5 V	1.142%
5.053 V	4.9 V	3.028%