

Department of Electrical Engineering
Columbia University
EE E3082. Digital Electronics Laboratory
Laboratory Report Guidelines

Q This designates an item that requires a specific response, usual in the form of measured data and the answer to one or more questions about the circuit you have constructed. Your laboratory report should specifically answer each Q item. Always include measured data to substantiate any answers. If you had to modify or complete the circuit in any way that was not spelled out completely in the laboratory instructions, please be sure to indicate what you did as part of your response.

D This designates design problems. These are questions that require you to design a new circuit, as opposed to simply building one that is specified for you. In response to a design question, you need to clearly indicate that circuit that you have built, including detailed schematics and the parts used. You will also have to report on the measurements that you did to verify that your circuit operates according to the specifications.

Please make optimal use of waveforms captured from the oscilloscope using the Benchlink software. This should allow you to capture and analyze (e. g. in Matlab) data very easily.