



**DO NOT SHARE
SLIDES AND CLASS MATERIALS
ON ONLINE SITES**
Course Hero

CSEE W4823 Advanced Logic Design
Lab Assignment #5

1. Create the Matlab codes (.m) for the FIR function and testbench, producing the files for inputs and outputs.
2. Provide the pseudo-code for the FIR core
3. Provide the ASM Chart for the FIR core
4. Provide the datapath block diagram for the FIR core

Deliverables:

Please create and submit a .zip file with the name “your_uni_lab5.zip” through Courseworks. The .zip file should contain the following:

- Report for the above tasks. Please include the pseudo-code, ASM chart, and datapath diagram.
- .m file
- The input and output files produced by .m file