

CptS 455 Homework 1

Due Friday, Sep 2, 5PM

Turn in under my office door (EME-53)

Answers should be typed on the computer. If you need to add hand drawings do so.

Note that the review problems, discussion problems, and the other problems at the end of the chapter are all good study materials.

Problems P5, P9, P11, P12, P18b-d, P23, P24 at the end of Chapter 1. Note that P24 introduces the concept of the “width of a bit on the wire”. This comes from the idea there is a non-zero amount of time between the start of a bit and the start of the next one (based on the transmission rate). During this time the start of the first bit propagates some distance (based on a propagation speed). This is the width of the bit on the wire.