As part of the Wireless LAN device design, you will be asked to build a specification. One of the parts of this specification is the design of the register map.

Build the register map for this project showing each of your 16 8 bit registers and what each bit from each register means. Use the format that is used by Motorola in the MCORE manuals. Note that each register will be eight bits long.

Ryan will be releasing the addressing modes needed to access the registers.

Note: This means that you have to generally think through each of the blocks of the Wireless LAN design and assign bits (and byte registers for the buffers). You may not understand everything that you have to implement at this point, so reserve some bits for future use.

This will be a major part of your specification. You will be referring to this multiple times as part of the design.

For more information about the Wireless LAN design, look at the protocol definition on the class website.

**What to Turn in for This Assignment**

For this assignment, you must turn in the following items:

Your register map with definitions of the bits.

It MUST be typed. No handwritten answers accepted.

**How Your Assignment will be Evaluated**

Your document will be evaluated on the completeness. This assignment is worth 40 points.