Midterm Exam Thursday, October 12, in class.
One sheet notes. We will supply a copy of Larus’ SPIM documentation, which lists all the MAL instructions. Study Guide:

- **MIPS and C++ Programming:** 2 Lab Exercises, 2 Projects, all of Waldron, G/M Ch. 7 (arrays and stacks), 8 and 9. Invariant comments. Project topics: C printf/scanf, expression processing.

- **Data Representation:** G/M Ch. 3, 4, 5: Characters, bit fields, shift and mask operations, and unsigned integers.

- Figure out $sp$ and stack contents when MAL procedures are active.