INEL 4206 – Microprocessors

Exam III – Summary of Topics

• Review all previous material up to Exam II

• Procedures
  o Parameter Passing
  o Stack frames
  o Recursive procedures

• Data Representation
  o Signed and unsigned integers
    ▪ 2’s complement, one’s complement, signed magnitude
    ▪ MIPS Instructions to handle signed/unsigned data
  o Floating point numbers
    ▪ Single precision
    ▪ Double precision
    ▪ Converting decimal scientific notation to/from IEEE 574
    ▪ MIPS Instructions to process floating point data
  o One Dimensional Arrays
    ▪ One dimensional

• Problem Sets 2, 3 and 4
  o Sorting Algorithms: Insertion Sort, Quick Sort
  o Recursion
  o Easy I simulator

REMINDER
EXAM III will be held on Tuesday December 3, 2002 6-8PM
Room To Be Announced