



Universidad de Puerto Rico – Mayaguez
Department of Electrical and Computer Engineering

INEL 4206 – Microprocessors

Exam III – Summary of Topics

- Review all previous material up to Exam II
- Procedures
 - Parameter Passing
 - Stack frames
 - Recursive procedures
- Data Representation
 - Signed and unsigned integers
 - 2's complement, one's complement, signed magnitude
 - MIPS Instructions to handle signed/unsigned data
 - Floating point numbers
 - Single precision
 - Double precision
 - Converting decimal scientific notation to/from IEEE 574
 - MIPS Instructions to process floating point data
 - One Dimensional Arrays
 - One dimensional
- Problem Sets 2, 3 and 4
 - Sorting Algorithms: Insertion Sort, Quick Sort
 - Recursion
 - Easy I simulator

REMINDER

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