METBD 050
Exam #2 Topics
Spring, 2005

The second exam will cover all topics discussed in class since the first exam. These topics are:

Graphing and trendlines
Importing text data into excel
Matrix mathematical operations
Array functions (MMULT, MINVERSE) – Ctrl-Shift-Enter
    Simultaneous equations
Finding areas
    Coordinate method
    Trapezoid method
Logic Functions
    IF
    AND
    OR
Lookup Functions
    VLOOKUP
    MATCH
    INDEX
Solver
    Find intersection of two functions (simultaneous equations)
    Find minimum or maximum of a function
    Find the root of a function
Goal Seek
VBA Macros
VBA
    Visual Basic Explorer – components and their functions
    Placing values in a worksheet
    Defining variables and assigning values to them
    Getting values from a worksheet
    Offset method
    Selecting cells
    Custom Functions
    Formatting cells: Font (size, color, name, subscript, superscript, bold, italic), Interior, Borders, Alignment
For…Next Loops
    If Functions
    Inputbox and MsgBox
    UserForms

The exam will have a written portion as well as a computer portion.