

## Chapter 04.01- 04.05

### Primer on Simultaneous Linear Equations

#### OBJECTIVES

1. define what a matrix is.
2. identify special types of matrices, and
3. identify when two matrices are equal.
4. add, subtract, and multiply matrices, and
5. apply rules of binary operations on matrices.
6. know what unary operations means,
7. find the transpose of a square matrix and it's relationship to symmetric matrices,
8. setup simultaneous linear equations in matrix form and vice-versa,
9. understand the concept of the inverse of a matrix.