

# ECSU SUMMARY DISCUSSION CHECKLIST

## Chapter 3: Linear Equations and Functions

*Experiencing Introductory and Intermediate Algebra Through Functions and Graphs,*  
by Thomasson and Pesut 3<sup>rd</sup> edition, Prentice Hall

### Students Should Be Able To:

- Identify A Linear Equation In Two Variables
- Define The Slope Of A Line
- Determine The Slope Of A Line From Its Graph
- Determine The Slope Of A Line, Given Two Points On The Line
- Graph  $x = A$  Constant
- Graph  $y = A$  Constant
- Identify The Slope Intercept Form For A Linear Equation In Two Variables
- Identify The Slope And  $y$  Intercept Of A Linear Equation
- Graph A Linear Equation In Two Variables By Using The Slope And  $y$  Intercept Method
- Identify Point Slope Form For A Linear Equation In Two Variables
- Write A Linear Equation Given A Slope And  $y$  Intercept
- Write A Linear Equation For A Given Point And Slope
- Write A Linear Equation For Two Given Points
- Graph A Cubic Equation