

ECSU SUMMARY DISCUSSION CHECKLIST

Chapter 3: Linear Equations and Functions

Experiencing Introductory and Intermediate Algebra Through Functions and Graphs,
by Thomasson and Pesut 3rd edition, Prentice Hall

Students Should Be Able To:

- Identify A Linear Equation In Two Variables
- Graph A Linear Equation In Two Variables By Creating Tables
- Algebraically Determine The x And y Intercept
- Graph A Linear Equation In Two Variables By Using The Intercept Method
- 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
- Define Parallel Lines
- Describe The Slopes Of Parallel Lines
- Define Perpendicular Lines

ECSU SUMMARY DISCUSSION CHECKLIST CONTINUED
Chapter 3: Linear Equations and Functions

Students Should Be Able To:

- Describe The Slopes Of Perpendicular Lines
- 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