



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Foundations for Math for Allied Health  
**Course Number:** MTH005

### Required Materials

**Textbook(s):** MyHealthProfessionsLab for Math Basics for the Health Care Professional, 5/e  
 ISBN (Instant Access): 9780134709031

**Required Readings:** none

**Additional Materials:** Scientific calculator

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

#### 16 Week Calendar

Week	Chapter/Topic/Lab
1	<b>Chapter 1: Pre-Algebra Basics</b> 1.1: Reading and Writing Whole Numbers
2	<b>Chapter 1: Pre-Algebra Basics</b> 1.2: Adding Whole Numbers 1.3: Subtracting Whole Numbers
3	<b>Chapter 1: Pre-Algebra Basics</b> 1.4: Multiplying Whole Numbers
4	<b>Chapter 1: Pre-Algebra Basics</b> 1.5: Dividing Whole Numbers 1.6: Exponents, Roots, Order of Operations <b>Ch. 1 Quiz</b> <b>Ch. 1 Test</b>
5	<b>Chapter 2: Pre-Algebra Basics</b> 2.1: Basics of Fractions

	<p>2.2: Factors  2.3: Writing a Fraction in Lowest Terms  2.4: Least Common Multiples  2.5: Reading and Writing Decimals  2.6: Rounding Decimal Numbers  2.7: Estimation</p>
6	<p><b>Chapter 2:</b>  <b>Ch. 2 Quiz</b>  <b>Ch. 2 Test</b></p>
7	<p><b>Chapter 3:</b>  3.1: Introduction to Variables  3.2: Simplifying Expressions  3.3: Solving Equations Using Division</p>
8	<p><b>Chapter 3:</b>  3.4: Proportions  3.5: Basics of Percent</p>
9	<p><b>Chapter 3:</b>  3.6: The Percent Proportion  <b>Ch. 3 Quiz</b>  <b>Ch. 3 Test</b></p>
10	<p><b>Chapter 4:</b>  4.1: Graphs and Charts</p>
11	<p><b>Chapter 4:</b>  4.2: Bar and Line Graphs</p>
12	<p><b>Chapter 4:</b>  4.3: Introduction to Slope</p>
13	<p><b>Chapter 4:</b>  4.4: Graphing by Plotting Points</p>
14	<p><b>Chapter 4:</b>  <b>Prepare for Chapter 4 Quiz and Test</b></p>
15	<p><b>Chapter 4:</b>  <b>Ch. 4 Quiz</b></p>
16	<p><b>Chapter 4:</b>  <b>Ch. 4 Test</b></p>

8 Week Calendar

Week	Chapter/Topic/Lab
1	<b>Chapter 1:</b> 1.1: Reading and Writing Whole Numbers 1.2: Adding Whole Numbers 1.3: Subtracting Whole Numbers
2	<b>Chapter 1:</b> 1.4: Multiplying Whole Numbers 1.5: Dividing Whole Numbers 1.6: Exponents, Roots, Order of Operations <b>Ch. 1 Quiz</b> <b>Ch. 1 Test</b>
3	<b>Chapter 2:</b> 2.1: Basics of Fractions 2.2: Factors 2.3: Writing a Fraction in Lowest Terms 2.4: Least Common Multiples 2.5: Reading and Writing Decimals 2.6: Rounding Decimal Numbers 2.7: Estimation <b>Ch. 2 Quiz</b> <b>Ch. 2 Test</b>
4	<b>Chapter 3:</b> 3.1: Introduction to Variables 3.2: Simplifying Expressions 3.3: Solving Equations Using Division
5	<b>Chapter 3:</b> 3.4: Proportions 3.5: Basics of Percent 3.6: The Percent Proportion <b>Ch. 3 Quiz</b> <b>Ch. 3 Test</b>
6	<b>Chapter 4:</b> 4.1: Graphs and Charts 4.2: Bar and Line Graphs
7	<b>Chapter 4:</b> 4.3: Introduction to Slope 4.4: Graphing by Plotting Points

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**Chapter 4:**  
**Ch. 4 Quiz**  
**Ch. 4 Test**