



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Math for Allied Health  
**Course Number:** MTH105

### 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 (preferably TI-30X IIS)

### 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>Unit 9: Pre-Algebra Basics</b>
2	<b>Unit 9: Pre-Algebra Basics</b> Homework Unit 9 Quiz Unit 9
3	<b>Unit 9: Pre-Algebra Basics</b> Test Unit 9
4	<b>Unit 2: Fractions</b> Homework Unit 2 Quiz Unit 2 Test Unit 2
5	<b>Unit 3: Decimals</b> Homework Unit 3 Quiz Unit 3

	Test Unit 3
6	<b>Unit 4: The Metric System</b> Homework Unit 4 Quiz Unit 4 Test Unit 4
7	<b>Unit 5: Ratio and Proportion</b> Homework Unit 5 Quiz Unit 5 Test Unit 5
8	<b>Unit 7: Percents</b>  <b>Unit 8: Combined Applications</b>  <b>Unit 10: Reading Drug Labels, Medicine Cups, Syringes, and Intravenous Fluid Administration Bags</b>
9	<b>Unit 7: Percents</b>  <b>Unit 8: Combined Applications</b>  <b>Unit 10: Reading Drug Labels, Medicine Cups, Syringes, and Intravenous Fluid Administration Bags</b>  Homework Unit 7 and 8, Homework Unit 10 Quiz Unit 7, 8, and 10 Test Unit 7, 8, and 10
10	<b>Unit 6: Measurement Conversion</b>  <b>Unit 11: Apothecary Measurement and Conversion</b>  Roman Numerals
11	<b>Unit 6: Measurement Conversion</b>  <b>Unit 11: Apothecary Measurement and Conversion</b>  <b>Roman Numerals</b>  Homework Unit 6 and 11, Homework Roman Numerals Quiz Unit 6, 11, and Roman Numerals Test Unit 6, 11, and Roman Numerals
12	<b>Unit 12: Dosage Calculations</b>

	<b>Unit 13: Parental Dosage</b>
13	<b>Unit 12: Dosage Calculations</b> <b>Unit 13: Parental Dosage</b> Homework Unit 12 and 13 Quiz Unit 12 and 13 Test Unit 12 and 13
14	<b>Unit 14: The Basics of Intravenous Fluid Administration</b> <b>Unit 15: Basic Dosage by Body Weight</b>
15	<b>Unit 14: The Basics of Intravenous Fluid Administration</b> <b>Unit 15: Basic Dosage by Body Weight</b> Homework Unit 14 and 15 Quiz Unit 14 and 15 Test Unit 14 and 15
16	Final Exam Units 9, 2, 3, 4, 5, 7, 8, 10, 6, 11,12,13,14, 15, and Roman Numerals

8 Week Calendar

Week	Chapter/Topic/Lab
1	<b>Unit 9: Pre-Algebra Basics</b> Homework Unit 9 Quiz Unit 9
2	<b>Unit 9: Pre-Algebra Basics</b> Test Unit 9 Unit 2: Fractions Homework Unit 2 Quiz Unit 2 Test Unit 2
3	<b>Unit 3: Decimals</b> Homework Unit 3 Quiz Unit 3 Test Unit 3
4	<b>Unit 4: The Metric System</b> Homework Unit 4 Quiz Unit 4 Test Unit 4

	<p><b>Unit 5: Ratio and Proportion</b>  Homework Unit 5  Quiz Unit 5  Test Unit 5</p>
5	<p><b>Unit 7: Percents</b></p> <p><b>Unit 8: Combined Applications</b></p> <p><b>Unit 10: Reading Drug Labels, Medicine Cups, Syringes, and Intravenous Fluid Administration Bags</b></p> <p>Homework Unit 7 and 8, Homework Unit 10  Quiz Unit 7, 8, and 10</p>
6	<p><b>Unit 7: Percents</b></p> <p><b>Unit 8: Combined Applications</b></p> <p><b>Unit 10: Reading Drug Labels, Medicine Cups, Syringes, and Intravenous Fluid Administration Bags</b></p> <p>Test Unit 7, 8, and 10</p> <p><b>Unit 6: Measurement Conversion</b></p> <p><b>Unit 11: Apothecary Measurement and Conversion</b></p> <p><b>Roman Numerals</b></p> <p>Homework Unit 6 and 11, Homework Roman Numerals  Quiz Unit 6, 11, and Roman Numerals  Test Unit 6, 11, and Roman Numerals</p>
7	<p><b>Unit 12: Dosage Calculations</b></p> <p><b>Unit 13: Parental Dosage</b></p> <p>Homework Unit 12 and 13  Quiz Unit 12 and 13  Test Unit 12 and 13</p>
8	<p><b>Unit 14: The Basics of Intravenous Fluid Administration</b></p> <p><b>Unit 15: Basic Dosage by Body Weight</b></p> <p>Homework Unit 14 and 15</p> <p>Quiz Unit 14 and 15</p> <p>Test Unit 14 and 15</p> <p><b>Final Exam</b></p>

	Units 9, 2, 3, 4, 5, 7, 8, 10, 6, 11,12,13,14, 15, and Roman Numerals
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