

# Course Outline

## Math 99 TBLC – Fall 2018

### Class 1 – Monday, August 27

Lecture: [Course Information](#), [The words AND and OR](#)

### Class 2 – Wednesday, August 29

Lecture: [Introduction to Intermediate Algebra](#), [The Set of All Natural Numbers](#)

### Class 3 – Friday, August 31

Lecture: [The Order of Operations Agreement](#), [Perimeter and Area of Rectangles](#)

Also posted: [Problem Set 1](#)

### Class 4 – Wednesday, September 5

Lecture: [Introduction to Set Theory](#), [The Set of All Integers](#)

### Class 5 – Friday, September 7

Lecture: [Order of Operations on Integers](#)

Also posted: [Problem Set 2](#)

### Class 6 – Monday, September 10

Lecture: [Perimeter and Area of Right Triangles](#), [Square Roots](#), [Factors of a Number](#)

### Class 7 – Wednesday, September 12

Lecture: [Algebraic Expressions and Statements](#)

### Class 8 – Friday, September 14

Lecture: [Set Operations](#)

Also posted: [Exam 1 Review](#)

### Class 9 – Monday, September 17

Lecture: [Division with Remainder](#), [Simplifying Algebraic Expressions](#)

### Class 10 – Wednesday, September 19

Lecture: [Introduction to Number Theory](#) (prime factorization), [One- and Two-Step Equations](#)

### Class 11 – Friday, September 21

Exam 1

Also posted: [Problem Set 3](#)

**Class 12 – Monday, September 24**

Lecture: [Fractions 1](#) (The Definition), [Fractions 2](#) (Equivalent Fractions), [Basic Percent Problems](#)

**Class 13 – Wednesday, September 26**

Lecture: [Rules of Exponents](#), [The nth Root of a Number](#)

**Class 14 – Friday, September 28**

Lecture: [Rules of Exponents](#) (Scientific Notation), [Linear Equations 2](#) (Unknown on both sides)

Also posted: [Problem Set 4](#)

**Class 15 – Monday, October 1**

Lecture: [Multiplying Algebraic Expressions](#)

**Class 16 – Wednesday, October 3**

Lecture: [Fractions 3](#) (Improper Fractions and Mixed Numbers), [Fractions 4](#) (Adding and Subtracting), [Intervals](#)

**Class 17 – Friday, October 5**

Lecture: [Fractions 5](#) (Multiplying and dividing)

Also posted: [Problem Set 5](#)

**Class 18 – Monday, October 8**

Lecture: [Integer Exponents](#), [The Rectangular Coordinate System](#)

**Class 19 – Wednesday, October 10**

Lecture: [The Zero Product Rule](#), [Factoring A](#) (GCF and difference of squares)

**Class 20 – Friday, October 12**

Lecture: [LCM and GCD](#), [Graph of an Equation](#),

Also posted: [Exam 2 Review](#)

**Class 21 – Monday, October 15**

Lecture: Factoring by completing the square – [Part 1](#), [Part 2](#), [Linear Equations - Part 3](#)

**Class 22 – Wednesday, October 17**

Lecture: [Graphing Straight Lines 1](#), [Summation 1](#)

**Class 23 – Friday, October 12**

Exam 2

Also posted: [Problem Set 6](#)

**Class 24 – Monday, October 22**

**Lecture:** [Linear Inequalities](#), [Fractions and Decimals](#), [The Real Number System](#)