



(GED Math)

Class time: (Tuesdays – 4:00 – 5:30)

Fall 2010

INSTRUCTOR: Scott Adams
OFFICE: 36 Castle Village Drive
Brodhead, KY 40409
PHONE: 606.256.0218
CONTACT HOURS: 4:00 – 5:30 Tuesdays
PREREQUISITES: NONE
TEXT BOOK: NONE

COURSE DESCRIPTION: GED Math is a course designed to assist students in preparing for success on the math portion of the GED Test. The course will maintain the flexibility of tutoring to student needs, but will be organized around the following themes:

- ⇒ Number Operations
- ⇒ Measurement
- ⇒ Statistics/Probability
- ⇒ Geometry
- ⇒ Algebra

COURSE OBJECTIVES:

1. To help prepare students to think and solve problems algebraically.
2. To help students understand and be able to use geometry skills and solve problems involving angles and side lengths.
3. To meet students' needs for efficient math skills.
4. To help prepare students for the math section of the COMPASS, TABE, and the GED.

CLASS MATERIALS:

1. Calculator (provided).

EVALUATION PROCESS:

1. Official GED practice test.
2. Official GED test.
3. TABE 7/8, 9/10 used for post-test.

CLASS METHOD:

GED Math will follow the procedure of going over homework and practice work, followed by discussion and/or presentation of new topics. Individualized instruction or small group presentations will be utilized based on the needs of the students.

ATTENDANCE:

Attendance is very important. In order for the student to adequately prepare for the GED, or to raise COMPASS scores, they must attend class one specific day a week (1 ½-2 hours) for a minimum of six (6) weeks.

GRADING POLICY:

Grading is normally pass/fail. In the case of GED one either passes and receives the GED or returns to class and prepares for a re-take.

SCHOOL CLOSURES:

School closures for holidays will be posted and students will receive a copy of the holiday schedule. Listen to local radio stations for news concerning closures due to weather.

*The following is an outline of class lessons:

Lesson 1: Number Operations

- ⇒ Fractions
- ⇒ Decimals
- ⇒ Percents

Lesson 2: Statistics and Probability

- ⇒ Measures of center
- ⇒ probability

Lesson 3: Measurement

- ⇒ area
- ⇒ perimeter
- ⇒ volume

Lesson 4: Geometry

- ⇒ angle pair relationships
- ⇒ side length relationships

Lesson 5: Algebra

- ⇒ simplify expressions
- ⇒ solve one-variable equations
- ⇒ graphing in the coordinate plane