

# Student Form

# Information

# WvEB

WEST VIRGINIA  
WEB MATHEMATICS

School: \_\_\_\_\_

Student Name: \_\_\_\_\_  
[PRINT]

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

SS#: \_\_\_\_\_

Highest SATMATH Score: \_\_\_\_\_

Date Taken: \_\_\_\_\_

Highest ACTMath Score: \_\_\_\_\_

Date Taken: \_\_\_\_\_

If highest ACT/SAT scores are not on your high school transcript, please submit documentation.

I affirm that the information I have provided is accurate and true. Providing false information can lead to non-acceptance and/or expulsion.

\_\_\_\_\_  
[SIGNATURE]

\_\_\_\_\_  
[DATE]

If you are interested in learning more about WvEB Trigonometry please contact:

Dr. Michael Mays  
Director, Institute for Math Learning  
Mathematics Department, WVU  
Morgantown, WV 26506-6310

Michael.Mays@mail.wvu.edu  
304.293.2011 ext. 2324

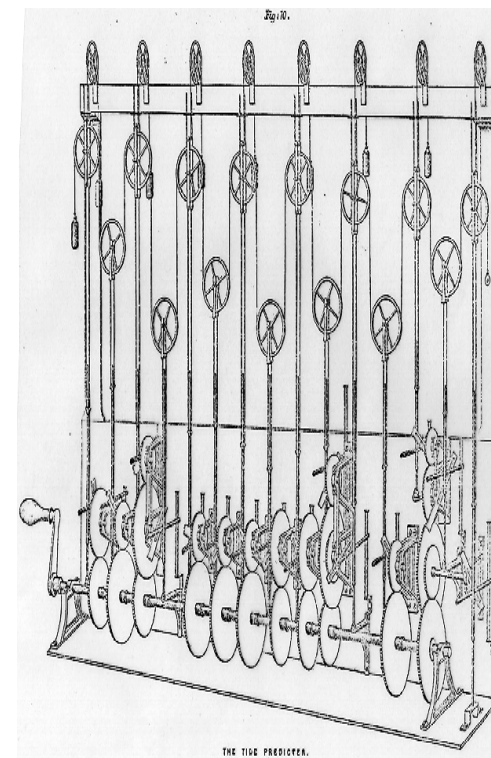
### Don't Forget

- 1) Only those students who have been admitted into WVU will be permitted to register for the course. A University representative will meet with students to assist with registration.
- 2) The tuition is approximately \$150 and should be paid on the designated WVU Admittance Day. (A Late Registration Fee is implemented after the first day of class.)
- 3) A pre-requisite for WvEB Trig is WvEB Algebra: others with special circumstances may be admitted with consent.

University faculty will administer the WvEB placement test on a designated Placement Test Day at each WvEB School. Students who have completed WvEB Algebra **do not** need to re-take the placement test.

The State WvEB Trigonometry Course

<http://www.wwebmath.ws/>



### OFFICE USE ONLY

HSGPA	
PLACEMENT TEST	
ALGEBRA 1	
ALGEBRA 2	
GEOMETRY	
WvEB ALGEBRA	
OTHER	

# About

The State WvEB Trigonometry Course is a college-level mathematics course for high school students. A goal of the WvEB project is to allow students a smooth transition into college science, technology, engineering and mathematics coursework. Students experience the content and pace of a WVU mathematics course while in their high school classrooms. Students enrolled in the course at this site can receive 3 credits of College Trigonometry through West Virginia University.

As a group, students completing WvEB Algebra and WvEB Trigonometry significantly increase their pre to post scores on a research version of the Math ACT Test.

## Overarching WvEB Goals – students will:

- Develop Conceptual Understanding
- Use Multiple Approaches to Solve Problems
- Use Technology as a Tool
- Be an Active Learner
- Communicate Clearly
- Apply Knowledge to Applications

The specific goals of the trigonometry course are to stress an algebraic, graphic, and numeric approach to:

- the concept of function, especially trigonometric functions arising from the study of circular motion
- right angle trigonometry and trigonometric functions of general angles
- trigonometric functions in modeling problems
- trigonometric equations, inequalities, and identities
- graphing trigonometric functions
- applying trigonometric functions to polar coordinates, complex numbers, and vectors

## Instructional Materials

The current total cost of the text with solution manual, which is the same text used in WvEB Algebra, is approximately \$135. Some schools have made arrangements to absorb either all or part of this cost, please check with your local high school for details.

# Admittance

## University Admittance Requirements

Students must be admitted to WVU and must meet additional departmental requirements before they are permitted to register. There will be a designated placement test day scheduled for each WvEB school. On the placement test day, students must bring all documents necessary to satisfy both the institution and departmental requirements in order to be considered for acceptance into the project. Deadlines are set each semester for completing placement tests. Any student missing the local test will be asked to travel to an alternate WVU testing location.

A high school student wishing to register for the WvEB course must have Senior Status (others could be admitted with special consideration) with an overall GPA of 3.0. In addition, a student **must** submit:

- 1) A completed WVU application form.
- 2) The applications fee of \$25.\*
- 3) A high school transcript that includes an overall GPA.
- 4) Tuition fee\*\*

\* If you recently have applied to WVU, an additional application fee is not billed.

\*\* Tuition fee is approximately \$165. Some counties have special arrangements to absorb part of this fee. Please consult with your high school teacher.

## Departmental Admittance Requirements

In addition to the University requirements, the student must have:

- 1) An earned “C” or better in the following courses: Algebra 1, Algebra 2, Geometry, and WvEB Algebra.
- 2) A satisfactory score on the WVU Algebra placement test (Special consideration will be given to those high school students who do not pass the placement test but have the appropriate ACT/SAT score, but **all interested students must first take the placement test**).
- 3) ACT and SAT scores if taken

# Registration

## Registration Process

- 1) Only those students who have been admitted into WVU will be permitted to register for the course. A University representative will work with site facilitators to assist the students with their registration.
- 2) The tuition is approximately \$165 and should be paid separately from the WVU application fee of \$25 by deadlines that are set each semester. These deadline dates are communicated to the site facilitators. (A Late Registration Fee is implemented after the first day of class.)

## Placement Test

University faculty will administer the Algebra placement test on a designated Placement Test Day at each WvEB school.

\*\*Students who have completed WvEB Algebra **do not** need to re-take the placement test.

## Course Preparation

WvEB Trigonometry is designed to be a follow-up course to WvEB Algebra. The best preparation for WvEB Trigonometry is satisfactory completion of WvEB Algebra.

