

# Student Form

# Information

# WvEB

WEST VIRGINIA  
WEB MATHEMATICS

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

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

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

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

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 Algebra please contact:

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Mathematics Department, WVU  
Morgantown, WV 26506

lpydrow@math.wvu.edu  
304.293.2011

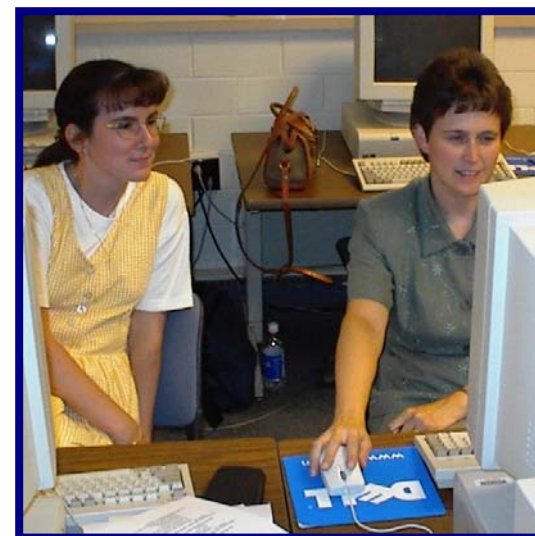
### Don't Forget

- 1) Only those students who have been admitted into WVU will be permitted to register for the course. A University representative will work with site facilitators to assist students with registration.
- 2) The tuition is approximately \$195 and should be paid on the designated WVU Admittance Day. (A Late Registration Fee is implemented for those who apply and register late.)

University faculty will administer the Algebra placement test on a designated Placement Test Day at each WvEB School. Any student missing the placement test at their school will need to travel to an alternate WVU testing location.

The State WvEB Algebra Course

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



### OFFICE USE ONLY

HSGPA	
PLACEMENT TEST	
ALGEBRA 1	
ALGEBRA 2	
GEOMETRY	
OTHER	

# About

The State WvEB Algebra 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 Algebra through West Virginia University.

*As a group, students completing WvEB Algebra 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 this course will stress algebraic, graphical, and numerical approaches to the study of:

- understanding and using the concept of function
- mathematical application problems
- solving equations and inequalities in one variable using multiple representations
- graphing equations and functions
- lines, parabolas, and circles
- higher order polynomial, rational, radical, absolute value, exponential and logarithmic functions
- systems of equations and matrices

## Instructional Materials

The current total cost of the text with solution manual, which may also be used in the follow-up trigonometry course, 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. 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) A high school transcript that includes an overall GPA.
- 3) Tuition fee\*\*

\*\* Tuition fee is approximately \$195. 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 and Geometry.
- 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 \$195 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/staff will administer the Algebra placement test on a designated Placement Test Day at each WvEB school. Any student who misses the day of the placement test, will need to travel to Morgantown to take the test on a designated make up day.