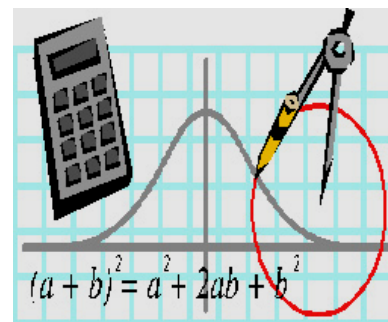


# Efficiently Teaching Algebra 2 & Trigonometry

We've seen the Sampler, the June and August assessments; so how are we going to teach Algebra 2 & Trigonometry? This course presents some particular challenges: an enterprising curriculum, a curriculum weighted rather heavily with respect to the other Regents courses, an exam that contains 70 credits of 2 point responses and a student who has attained "success" by passing two "less than rigorous" minimal New York State Assessments.

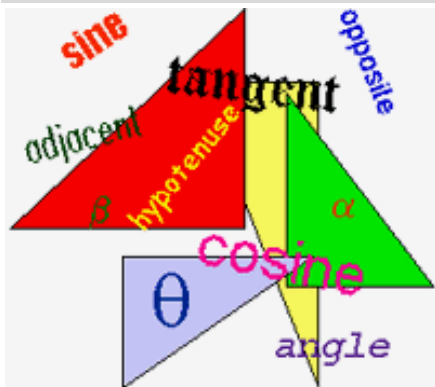


So, what do we do? Teach the course as efficiently as possible. In this session we will examine and discuss the following:

- The order of topics (functions work better than factoring)
- Teaching "today's" lesson with "tomorrow" in mind
- Exploring assignments that address topics not covered in class
- Using Marzano's Advanced Organization for both introduction and efficiency
- Learning how to take a "short answer" exam
- Alternative methods of solution to assist students with weakness in particular topics
- Scoring partial credit

**Date:** Thursday, September 23, 2010  
**Time:** 8:30 am - 2:30 pm  
**Location:** Western Suffolk BOCES  
 Div of Instructional Support Svcs  
 31 Lee Ave., Wheatley Heights, NY  
**Costs:** \$100pp (A506 members)  
 \$150pp (non-members)  
*Please make payment to:*  
**Western Suffolk BOCES A506**  
  
*If mailing payment, please send to:*  
 Western Suffolk BOCES  
 31 Lee Ave., Wheatley Heights, NY 11798  
 Att: Debbi Maxwell

**Lawrence Farrell** is a former mathematics teacher with 30 years experience. His career spans from teaching Algebra, Geometry and Algebra II/ Trigonometry through the Sequential Mathematics curriculum to Math A/Math B. He has taught at all levels and "tracks" of mathematics from 7<sup>th</sup> Grade Math to Calculus. He has expertise in various teaching styles and practical strategies in developing mathematical topics. He is presently focusing on the implementation of the new NYS Curriculum and Standards. He has spent the last two years administering sessions at BOCES and various school districts. Lawrence Farrell is also the Mathematics Consultant for Western Suffolk BOCES. "New sessions must be developed to keep mathematics teachers current and motivated". His approach has been and will continue to be asking the question, "What is needed?", followed by a "nuts and bolts" practical approach in responding.



**Registration:** Please copy this link into your browser:

<http://www.wsboces.org/webreg>

**Registration instructions,** please see the reverse side (pg 2) of this flyer.

**Need Information?**

[dmaxwell@wsboces.org](mailto:dmaxwell@wsboces.org) or 631-595-6829

*Check with your district to see if you are a member of My Learning Plan  
Workshop flyer maps for directions can be found on MLP*

### **For My Learning Plan Member Districts**

If you are a member of My Learning Plan, you will be given a user name and password by your district. To see courses and to register, please do the following:

- ⇒ Log onto [www.mylearningplan.com](http://www.mylearningplan.com)
- ⇒ Click on the Western Suffolk BOCES Catalog link

*If your district does **NOT** have a link to the WS BOCES catalog,  
please copy this link into your web browser*

<http://www.wsboces.org/WebReg>

- ⇒ Select the course you'd like to enroll in
- ⇒ When ready, click the "Click to Enroll" button
- ⇒ Click MLP Users (Enter User Name & Password - Log in)
- ⇒ Enter personal registration information
- ⇒ Select payment method; click the "Next" button
- ⇒ Click Terms and Conditions button
- ⇒ Print the confirming enrollment form
- ⇒ Scroll down and read the rest of the information on the final screen
- ⇒ You will receive an email when you are registered

### **For Non-My Learning Plan Districts**

Please click on this link to see the WS BOCES catalog.

<http://www.wsboces.org/WebReg>

At the top of the page will be a purple box. The workshops are divided up into programs.

- ⇒ Highlight the program you'd like to search workshops in and "search catalog"
- ⇒ Workshops will be listed in date order
- ⇒ Select the course you would like to enroll in
- ⇒ Click the "click to enroll" button
- ⇒ **Registered Users:** click "I'm a Registered User", then enter your email address and password to log in. Click "update and continue".
- ⇒ **New Users:** Click on "I'm a New User" and complete the form. When finished, click the "Create Account" button.
- ⇒ Enter personal registration information
- ⇒ Select payment method; click the "next" button
- ⇒ Click Terms and Conditions button
- ⇒ **PRINT THE CONFIRMING ENROLLMENT FORM. After receiving Administrators approval signature, please fax (631-623-4915) to Western Suffolk BOCES**
- ⇒ Click return to main
- ⇒ Click "logout" button to finish the process
- ⇒ You will receive an email when you are registered.