

## **Exploring the New NYS Math Curriculum (Including Ways to Integrate the Graphing Calculator)**

### **DATES OF COURSE:**

To be Determined

### **COURSE DESCRIPTION:**

This course will take an in depth look at the new NYS high school math curriculum. Participants will explore the NYS Ed website to find documents to help them teach the new courses. We will also be using the Texas Instruments website to find simple ways to integrate the graphing calculator. Participants will be sharing lesson plans that can be used in this new curriculum.

### **COURSE OBJECTIVES:**

- Participants will be able to find a copy of the new curriculum on the NYS Education Website
- Participants will be able to compare the new curriculum to the curriculum they already are teaching
- Participants will find other internet resources to enable them to better teach the new curriculum
- Participants will become familiar with the TI website and resources that can be found there
- Participants will be able to integrate the TI-83/84 calculator into their lessons

### **NYS STANDARDS ADDRESSED:**

- Mathematics, Science, and Technology - Standard 3
  - Communications Strand
  - Connections Strand
- Mathematics, Science, and Technology - Standard 7

### **CONTACT INFORMATION:**

E-mail address: [barreramath@yahoo.com](mailto:barreramath@yahoo.com)

### **PREREQUISITE SKILLS/REQUIREMENTS:**

- Participants must be able to access the internet and have an e-mail account
- Participants should be able to save and attach a Microsoft Word document to their posts
- Participants must be familiar with the TI-83 or TI-84 calculator and have access to one for this course

### **REQUIRED SOFTWARE:**

- Microsoft Word
- Adobe Acrobat

**IN-SERVICE CREDIT:**

Students will be recommended for 15 hours of in-service credit if the following requirements are met:

- Participate actively in discussions
- Complete all assignments fully and correct any assignments that need corrections
- Comply with all of the course policies