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DEPARTMENT OF EDUCATION AND INFORMATION SUPPORT SERVICES  
PROFESSIONAL DEVELOPMENT PROGRAM

# Mathematics Acceleration Consortium: A Secondary Pathway

Presented by Diana Kolhoff

The updated standards expose all our students to a higher level of mathematics in the intermediate and middle grades. Because topics now taught in 6, 7, 8 are so foundational for success in high school mathematics and beyond, districts on Long Island are joining others by developing a secondary acceleration pathway with a later decision point that requires less compacting than traditional middle school acceleration.

CONSORTIUM TIMELINE		
Day 1 (12/12/17)	Day 2 (1/18/18)	Day 3 (3/9/18)
Scope and Sequence of Standards for 3-2 Pathway Development of Units of Study for each course: Algebra 1 Intro to Calculus 1 Intro to Calculus 2 AP Calculus -BC	Develop criteria and rubric to use to determine student readiness acceleration. Rubric can be used at any level (including entry into middle school acceleration pathways).	Gather research and develop messaging to inform the community, school board, and guidance department of secondary pathway. Determine where, when, and who will be involved in presentations.

### Local follow up planning:

- March/April 2018: Presentations of research and secondary pathway plan presented by local Development Team members (individual district level meetings) – Growth Mindset, retention/impact of MS acceleration, career standards, etc.  
Participants: Full Administrative Cabinet, Guidance Counselors, Math Teachers, school board members, community members.
- Summer 2018: Districts develop lessons plans based on Units of Study from Scope and Sequence
- PD as needed; differentiation, curriculum writing, Mathematical Practices, pedagogy

2018-2019	2019-2020	2020-2021	2021-2022
Cohorts begin selection for HS acceleration pathways Algebra1	Cohorts begin Geometry (Foundations for Calculus 1)	Cohorts begin Algebra 2 (Foundations for Calculus 2)	Cohorts begin AP Calculus BC

**DATES:** December 12, 2017, January 18 and March 9, 2018 (must attend all sessions)  
**TIME:** 8:30 am – 2:30 pm  
**COST:** \$250 for subscribers\* / \$350 for non-subscribers\*\*  
 \*For those districts who subscribe to the ESBOCES Comprehensive Curriculum Development Service – **FREE for a maximum of 2 educators**. Additional registrations are discounted at a rate of \$250.  
 \*\*For those districts who do not subscribe to the ESBOCES Comprehensive Curriculum Development Service – \$350 per participant for the two-day workshop.

**AUDIENCE:** Teacher Teams consisting of 2-4 people, covering Algebra I, Geometry, Algebra II, Pre-Calc and AP Calculus. Each teacher may represent more than one course, but each district should enroll at least 2 teachers.

**LOCATION:** Instructional Support Center, 15 Andrea Road, Holbrook

**REGISTER:** <http://webreg.esboces.org>



*Diana's* education and teaching career began in Utah. She focused on integrating technology into the classroom, and the NCTM Standards for Mathematics. She finished her Master's Degree in Mathematics in 2000 at the top of her class, and decided to move to the east coast. She has taught in three states, and several diverse school settings. During her years, she has taught both remedial and advanced classes as well as college courses. After twenty years of teaching, Diana made a conscious decision to leave the classroom to increase her impact on mathematics education. Most recently, Diana was selected to be a member of the NTI training team. She has spent the last few years intensively studying Common Core Standards and curriculum. She works with K-12 teachers, helping them see the vision behind Common Core and great mathematics instruction. She has also been an integral part of developing acceleration pathways with the Common Core Learning Standards in New York. Inspired by great teachers from her past, Diana hopes to inspire great teaching in others.



## **Eastern Suffolk BOCES Professional Development Online Registration Directions**

**\*\*TO REGISTER FOR Eastern Suffolk BOCES WORKSHOPS, REGISTER THROUGH THE ACTIVITY CATALOG\*\***

**[Check with your district to see if you are a member of MyLearningPlan](#)**

**For MyLearningPlan Member Districts AND NON-MyLearningPlan Member Districts:**

To see available courses and to register:

- Go to the website: <http://webreg.esboces.org>
- Under 'Search Options' at the top center, select and check '**Eastern Suffolk BOCES Professional Development Program**' from the drop down list and click search;
- Workshops are listed in chronological order;
- Select the title of the course you would like to enroll in;
- Click the **ENROLL** button at the bottom of the page;
- Select the **correct** login method that applies to you (1) **registered user**; (2) **new user**; (3) **MyLearningPlan.com user**;
- After you choose your login method then **Enter User Name & Password – select Log in**;
- Enter and update (if needed) your personal account registration information;
- Click **Update & Continue**;
- Select payment method;
- Click on the checkbox to agree to the Terms and Conditions regarding registration and/or cancellations – **"REGISTRATION AND/OR CANCELLATIONS ARE DUE 10 SCHOOL DAYS PRIOR TO THE EVENT. THE DISTRICT WILL BE BILLED UNLESS CANCELLATION IS RECEIVED."**
- Click **SUBMIT**;
- Select '**Request Approval**' on the following screen if you are a **MyLearningPlan district** - If you are a MyLearningPlan District, and depending on your district, you will need to fill out the next screen titled "Regional Provider Form" making sure to fill out all required information; **IF ALL NECESSARY INFORMATION IS NOT ENTERED, A FORM ERROR WILL BE OCCUR AND YOU WILL NOT BE FULLY ENROLLED**;
- Click **SUBMIT** once **ALL** fields are filled out
- If you are **NOT** A **MyLearningPlan district**, print out the **ENROLLMENT FORM** and **AFTER RECEIVING ADMINISTRATIVE SIGNATURE** on this form, fax back to **631-244-4216**;
- You will receive an e-mail once you are fully registered;
- Click **RETURN TO MAIN** and then **LOGOUT** to finish the process.

**\*\*PLEASE NOTE THAT SUBMITTING ONLY AN INTERNAL CONFERENCE REQUEST FORM  
DOES NOT REGISTER YOU FOR OUR WORKSHOPS/CONFERENCES –  
IT MUST BE DONE THROUGH THE ESB REGIONAL CATALOG\*\***

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