Molloy College will provide professional development opportunities for teachers this summer through a series of week long Institutes being offered at either the Rockville Centre campus at 1000 Hempstead Avenue or at its Suffolk Center at Route 110, on the grounds of Republic Airport located at: 7180 Republic Airport (Grumman Lane), in East Farmingdale. The Institutes can be taken for 3 graduate credits or on a non-credit basis for 2 in-service credits. Information can also be found on our website at: www.molloy.edu/ce/summer. Institutes will be offered in the methods and techniques of teaching:

- Advanced Placement Subjects
- English Language Arts
- Math
- Science
- General Interest
- K-6 Grade Levels
- Social Studies
- Special Education
- TESOL

Further information on all the institutes can be found inside.

Graduate Tuition Rate: **$900 per 3-credit Institute** For Teachers Who Qualify, see page 14
SUMMER INSTITUTES FOR TEACHERS

Interested in expanding your subject area knowledge, exploring new subject material or adding to your teaching tool kit? Look no further, Molloy College has what you are looking for. This summer you will be able to enroll in courses to build your knowledge in various content areas and to improve your instructional skills. The Institutes described in the pages that follow may be taken for 3 graduate credits ($900 per Institute) or on a non-credit basis for 2 in-service credits ($495 or $795 per Institute). All of the Summer Institutes are offered on an intensive, one-week, 4-day, format at either our Rockville Centre campus at 100 Hempstead Avenue or at our Suffolk Center at Route 110, on the grounds of Republic Airport located at: 7180 Republic Airport, in East Farmingdale. Course descriptions, along with the schedule of classes, tuition rates, travel directions, application and registration information can be found on the pages as listed below. Visit us on the web at: www.molloy.edu/ce/summer.

Information on the following institutes can be found on the pages that follow.

AP* INSTITUTES (page 13):
(Please visit our website at: www.molloy.edu/ce/ap for further information on these Institutes)
- AP Art History
- AP Biology
- AP Calculus BC
- AP Calculus AB
- AP Chemistry
- AP Computer Science A
- AP CS Principles
- AP Economics
- AP English Language
- AP English Literature
- AP Environmental Science
- AP European History
- AP Government & Politics
- AP Physics 1
- AP Spanish Language
- AP Spanish Literature
- AP Statistics
- AP U. S. History
- AP World History
- AP English Literature

ENGLISH LANGUAGE ARTS INSTITUTES (pages 2-4):
- Focusing on Characters, Grades 6-12
- Transforming Writing Lives through Digital Tools and Creativity- Grades 5-12
- Vocabulary in The Science Classroom
- Struggling Readers, ENLs, and SWDs: Vocabulary May Be the Answer
- Academic Language in the Integrated ENL Class K-8
- Next Step for Teachers of English: Writing Curriculum Units for ELA Classrooms, Grades 6-12
- Classroom Management Techniques- Grades 6-12
- Managing The Classroom with Technology Using Online Assessment Tools for Educators in the ELA K-12 Classroom
- Using Technology to Support Literacy in the K-12 ELA Classroom and the Common Core Standards

GENERAL INTEREST INSTITUTES (pages 5-6)
- Changing the Conversation in Their Heads
- Integrating Virtue/Character Education Into The Every Child Succeeds Curriculum
- The Tech Savvy Teacher of Today (Grades K-6) Online Course
- 21st Century Learning: Connections, Transparency, and Digital Leadership
- Classroom Management Techniques- Grades 6-12

MATH INSTITUTES (pages 6-8):
- Common Core Standards: High School Geometry
- STEM Activities for the Math and Science Classroom
- Common Core State Standards: Algebra II

SCIENCE INSTITUTES (pages 9-11):
- Stem Activities for the Math and Science Classroom
- Successful Science Fair Projects and Fun Science Competitions: for Grades K-12
- Teaching Various Concepts in Terrestrial Ecology
- Vocabulary in the Science Classroom:
- Teaching Green Institute for High School Students: Understanding LI Water Conservation
- Teaching Green Institute for Middle School Students: What’s New for 2016-17
- Strategies for Teaching Astronomy in Grades K – 12
- The Evolution of Earth and Life
- Authentic Lab Creation and Modifications
- Embracing Technology in the Earth Science Classroom
- Exploring North East Geologic History for Grades K-12
- Presenting Biodiversity for Grades K-12
- Teaching Long Island’s Marine Ecology: Facts and Strategies for Grades K-12

SOCIAL STUDIES INSTITUTE (page 12):
- Experiential Teaching: Bringing Elementary Social Studies Curriculum to Life (Grades 1-6)

SPECIAL EDUCATION INSTITUTES (page 12):
- Visible Thinking to Inspire Achievement in High Needs Scholars
- Meeting the Needs of Students with Disabilities in the General Education Classroom: Communication, Collaboration, and Co-Teaching

TESOL INSTITUTES (pages 12-13):
- 5 different courses offered.

Application and Registration Instructions and Travel Information to both campuses can be found on page 14.

*College Board, AP, Advanced Placement Program, AP Vertical Teams, Pre-AP and the acorn logo are registered trademarks of the College Board. Used with permission.
The following nine (9) ELA Summer Institutes will be offered this summer. To register, please refer to the Application and Registration Instructions on page 14.

ENGLISH LANGUAGE ARTS

The following nine (9) ELA Summer Institutes will be offered this summer. To register, please refer to the Application and Registration Instructions on page 14. The ELA Institutes can be found on pages 2-4:

- Focusing on Characters, Grades 6-12
- Transforming Writing Lives through Digital Tools and Creativity- Grades 5-12
- Vocabulary in The Science Classroom (this page)
- Struggling Readers, ENLs, and SWDs: Vocabulary May Be the Answer
- Academic Language in the Integrated ENL Class K-8
- Next Step for Teachers of English: Writing Curriculum Units for ELA Classrooms, Grades 6-12
- Classroom Management Techniques- Grades 6-12
- Managing The Classroom with Technology Using Online Assessment Tools for Educators in the ELA K-12 Classroom
- Using Technology to Support Literacy in the K-12 ELA Classroom and the Common Core Standards

FOCUSING ON CHARACTERS, GRADES 6-12

Course Number: EDU 524 Section 06
(3 graduate credits or 2 in-service credits)
June 27-June 30; M-Th;8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Is the immediate reaction to the Common Core philosophy a challenge for the literature loving English teacher? In this seminar, learn and share techniques on how to make characters come alive for your students. Help make these personalities lasting friends and even influences by combining the literary with informational texts utilizing rigorous exercises. Come explore and experience how we, as ELA teachers can challenge our students to make memorable with our most beloved literary characters.

Instructor: Regina Hall Regina Hall is the Chairperson of the English Department at St. John the Baptist Diocesan High School. She teaches 11 AP Literature, Contemporary Fiction, and Speech. She has taught all Regents level English courses. Ms. Hall has been teaching since 1982. She was awarded the University of Chicago Outstanding Educator Award for 2012. Her educational goal is to instill a love for literature in each of her students. Ms. Hall was voted “Best Teacher on Long Island 2015” by the Bethpage Best of Long Island competition.

TRANSFORMING WRITING LIVES THROUGH DIGITAL TOOLS AND CREATIVITY-GRDES 5-12

Course Number: EDU 524 Section 10
(3 graduate credits or 2 in-service credits)
June 27-30; M-Th;8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Technology and digital media expand the ways teachers engage students in writing. Join this interactive, four-day institute that examines effective strategies, protocols, and digital tools as a medium to teach writing while developing meaning making. Come prepared to collaborate, build a literacy toolkit, and design a three-five day, standards-based, multi-genre curriculum that includes hooks, interactive protocols, interesting and challenging text sets, and assessment tools. Please bring an electronic device such as laptop, tablet, or iPad, photographs and images of nature, and paired texts, (narrative and informational) to use when designing the components of your inquiry path of choice. Be expressive-create digitally. Engage and motivate your writers to dig deeper into a topic of choice and project their voice through written texts.

Instructor: Carol Varsalona, ELA consultant, has had extensive experience as a director of language arts, a literacy specialist/reading teacher, national/state conference presenter, and a staff developer in multiple Long Island districts and BOCES. In addition, she is a blogger and co-moderator of NYEDChat, a professional learning network (PLN) on Twitter where she communicates with various state PLNs and global educational leaders. She has a Professional Diploma in School District Administration, a CAS in Reading, MS in Developmental Reading, and BA in English Education. Varsalona is a lifelong learner dedicated to energizing and impacting K-12 teaching and literacy learning through the development of thinking skills, integrated technologies, writer’s voice, and professional development opportunities. She is ardent about inviting vigor and engagement into education to redesign the literacy landscape.

VOCABULARY IN THE SCIENCE CLASSROOM

Course Number: EDU 524 Section 15
(3 graduate credits or 2 in-service credits)
June 27-30, M-Th;8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

See Page 9 for a description.
STRUGGLING READERS, ENLS, AND SWDS: VOCABULARY MAY BE THE ANSWER
Course Number: EDU 524 Section 18
(3 graduate credits or 2 in-service credits)
July 5-8; Tu-F;8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this four day institute is to assist secondary English and other content area teachers as they aid their struggling readers, their English Learners, and their SWDs as these students attempt to navigate grade level text. Special education and TESOL area teachers would also profit from this institute as a review of what they have learned in their own programs. Vocabulary development and techniques will be stressed throughout the institute.

Information will be shared about ENLs, SWDs, and other strugglers, and how students with these types of difficulties may be assisted in their literacy and other content area classes. Activities will involve current readings, discussion, carousals, group and individual activities, watching and discussion of videos and Powerpoints, and teachers’ modification of their own units of study.

Instructor: **Louisa Kramer-Vida, Ed.D., is Chair of the Department of Special Education and Literacy at LIU Post where she is an Associate Professor. She has been an elementary teacher, a K-12 reading specialist, a high school English teacher, and an administrator on both the building and district office levels. She was part of the NYSED work group who developed the New York State PreK-12 version of the Common Core State Standards and consults for various BOCES and Long Island and New York City school districts. Dr. Kramer-Vida is President of the New York State English Council and has been a Board member of the Long Island Language Arts Council for over 10 years.**

ACADEMIC LANGUAGE IN THE INTEGRATED ENL CLASS K-8
Course Number: EDU 524 Section 19
(3 graduate credits or 2 in-service credits)
July 11-14; M-Th;8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Rigorous academic practices for teaching English language learners require that educators understand how to integrate language and content instruction in the English as a New Language (ENL) classroom. Whether the delivery of instruction takes place in a co-taught classroom or by a dually certified teacher, the focus needs to be on how to provide best strategies and multiple opportunities for language and content learning that lead to proficiency in English. The key objectives of this course are to establish the importance of academic language learning and to align the CCLS expectations to research-based language acquisition and literacy learning practices in the instruction of ELLs. Research-based, age and attainment-appropriate best strategies for listening, speaking, reading, writing and language will be shared for the integrated service model. Additionally, ways to access an English language learner’s cultural assets and prior knowledge, as well as differentiation of instruction, will be addressed. This course may fulfill the prescribed percentage of PD hours for CR-154.

Instructor: **Audrey Cohan, Ed.D., is a full professor in the Division of Education at Molloy College. She teaches in both the graduate and undergraduate programs. She has co-authored several books on effective teaching practices; the most recent publication is a textbook on Serving English Learners.**

NEXT STEP FOR TEACHERS OF ENGLISH: WRITING CURRICULUM UNITS FOR ELA CLASSROOMS, GRADES 6-12
Course Number: EDU 524 Section 28
(3 graduate credits or 2 in-service credits)
July 11-14; M-Th;8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

In this institute, teachers will write a curriculum unit for a full-length literature text. The unit will include both fiction and nonfiction enabling teachers to meet the standards for both literature and Informational texts. During this four-day institute, teachers will have the opportunity to write a performance assessment, formative assessments, and lessons that align to the ELA literacy standards and the common core state assessments. Teachers may choose to attend with a grade level colleague or colleagues so that they may collaborate. They should bring the text they wish to work with as a hard copy of the Common Core Standards. The chosen text should be an appropriate grade level with particular attention given to text complexity. The text should not be a major NYS module text. In addition, teachers may bring either ideas for or actual informational texts that they believe are aligned with the work of fiction. They will also have time to research informational texts that align with the work of fiction.

Instructor: **Victor Jaccarino is a retired Lead Chair of English, Herricks Public Schools. His professional roles have included the following: Adjunct Professor of Education, Hofstra University; Past President of Long Island Language Arts Council and New York State English Council; Convention Chair of the NCTE Convention in NYC; Team Leader of the NYS Education Department’s review of the Common Core Learning Standards and NYS additions; Educational Consultant for New York State Education Department, BOCES and several Long Island and New York State school districts; New York State Network Team Institute Member and Participant.**

CLASSROOM MANAGEMENT TECHNIQUES- GRADES 6-12
Course Number: EDU 524 Section 54
(3 graduate credits or 2 in-service credits)
August 1-4, M-Th;8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Establishing an effective classroom management plan is an integral component to being a successful educator. A teacher’s lesson planning and delivery of instruction are greatly impacted by his/her ability to manage a classroom, thusly ensuring student engagement and collaboration. This institute will provide you with the skills needed to establish and maintain a safe and supportive classroom that will contribute to the highest levels of student achievement. Teachers must become lifelong learners when it comes to classroom management, as our...
populations, diversity, and challenges change every school year. The key objective of this course will be to establish a proactive classroom management plan that involves the students, parents, and the administrative team in your building. The language of the plan will include procedures and consequences, and remove the harsh tone of rules and punishment. When used correctly, an effective classroom management plan will hold students accountable without having to scold, yell, and/or lecture.

Instructor: Michael J. Ferretti is currently an Assistant Principal at Copiague Middle School, and before this position, he served as Chairperson of the English Department at Copiague High School. He began his career as an 8th Grade English teacher and 11th Grade English Regents teacher. Mr. Ferretti is interested in professional development and has presented workshops to pre-service and in-service teachers at Molloy College. He received the Educator of Excellence Award from the New York State English Council in 2013.

MANAGING THE CLASSROOM WITH TECHNOLOGY USING ONLINE ASSESSMENT TOOLS FOR EDUCATORS IN THE ELA K-12 CLASSROOM
Course Number: EDU 524 Section 57
(3 graduate credits or 2 in-service credits)
August 8-11; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The 21st Century Learning Initiative challenges educators to integrate online technology tools into their work on a daily basis. This Institute will provide you with tools to engage your students in learning through technology as well as to assess their content knowledge. It will also inform educators how to use the latest online, free assessment tools in their ELA classroom. Your students will be excited to take your survey, exit ticket, or quiz using instructional technology, and you will be able to examine the effectiveness of your lessons. Programs such as Google Forms and Streaming, Plickers, Kahoot, Exit Tix, Socrative, and Poll Everywhere are free for educators and can be effective tools in your teaching or flipped classroom. In this class, you will learn how to assess students on videos such as Educanon and Edpuzzle.

Instructor: Dr. Maria Esposito is an assistant professor at Molloy College in the Division of Education. She teaches Technology for Teachers in the Inclusive Classroom and Advanced Technology in the Graduate Program. She provides professional development for her colleagues in advanced instructional technology in a “state of the art” model classroom at Molloy College, and has presented technology integration at international conferences. Her professional roles have included the following: elementary school teacher, Assistant Manager in Instructional Technology at Syosset Schools, and a Divisional Administrator for Instructional Technology at Western Suffolk BOCES.

USING TECHNOLOGY TO SUPPORT LITERACY IN THE K-12 ELA CLASSROOM
Course Number: EDU 524 Section 59
(3 graduate credits or 2 in-service credits)
Aug. 15-18; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Excite and engage your students by integrating new, free, and easy to use web tools in your ELA classroom. Integrate technology using Common Core Standards while promoting student creativity, collaboration and communication. Explore a variety of innovative tools including Prezi for awesome presentations, Weebly for easy website creation, online avatars, Google Drive, word clouds, video creation/integration, and much more. Other applications explored to motivate students will be Thinglink, Buncee, and Padlet. These tools will be sure to engage your students in a collaborative environment.

Instructor: Maria Esposito, for a bio please see above.
GENERAL INTEREST INSTITUTES

The following five (5) General Interest Summer Institutes will be offered this summer. To register, please refer to the Application and Registration Instructions on page 14. The Institutes can be found on pages 5 and 6:

- Changing the Conversation in Their Heads
- Integrating Virtue/Character Education Into The Every Child Succeeds Curriculum
- The Tech Savvy Teacher of Today (Grades K-6) Online Course
- 21st Century Learning: Connections, Transparency, and Digital Leadership
- Classroom Management Techniques- Grades 6-12

CHANGING THE CONVERSATIONS IN THEIR HEADS: THE ROLE OF MINDSET, HOPE, GRIT AND CHARACTER STRENGTHS IN CHANGING STUDENT MOTIVATION FOR GRADES K-12

Course Number: EDU 524 Section 09
(3 graduate credits or 2 in-service credits)
June 27-30; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

This course will share the most recent innovations in positive psychology including mindset (attribution theory), hope, grit and character strengths combined with understandings in the field of brain research to unlock the potential of motivation in student learners. Participants will be immersed in the most recent research and strategies of positive psychology. Integrating lesson ideas for positive psychology with latest findings in brain research will provide teachers with toolkit for understanding and addressing the problems of struggling and disengaged learners. Participants will discover character strengths of their students and will develop a new methodology to teach to those strengths. This course has the power to help your students rediscover the power of hope in their lives.

Instructor: Kevin Sheehan Ed. D., Molloy College Assistant Professor

INTEGRATING VIRTUE/CHARACTER EDUCATION INTO THE EVERY CHILD SUCCEEDS CURRICULUM

Course Number: EDU 524 Section 16
(3 graduate credits or 2 in-service credits)
July 5 - 8; T-F; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

This course is for elementary, middle school, high school, general, and all special education teachers. It is designed to promote the practice of social emotional literacy (SEL) skills into daily lesson planning. Through use of the media, the arts, and experiential learning, teachers will develop a personal character education resource library to complement instruction. Guidance is provided for individualized whole child instruction to meet legislative initiatives of the Every Child Succeeds Act (December, 2015).

Topics covered will include: exploration of consciousness research, mindfulness, fixed and growth mindsets, divergent thinking, creativity, and fostering positive student ethics/virtue skills for use in the classroom and the community. Special attention will be devoted to examining traditional industrial teaching models as contrasted to agrarian teaching models espoused by Sir Kenneth Robinson. Agrarian teaching models embrace multiple intelligences, create holistic teaching environments, and create equitable learning environments where all students can flourish.

Participants will create age appropriate You-Tube virtues-based libraries, ‘Character Speaks’ lesson plans, Photo/Quote ‘Multi-Medias,’ Native American Power Wheels, and Interactive Ethics Worksheets. Educators should bring a zip drive and three classroom lesson plans for self-editing to integrate the ideals, goals, and objectives of character/virtue education.

Instructor: Rick Wolfsdorf, has thirty-five years of teaching and tutoring experience working with multiply handicapped students of all abilities at all grade levels. He is currently a Character Education Consultant at Dodd Middle School, Freeport, NY. He is the author, editor, and publisher -Wolfpack Multimedia (publishing/software company for students with special needs) Website: www.specialedsolutions.com

THE TECH SAVVY TEACHER OF TODAY (GRADES K-6)

Course Number: EDU 524 Section 33
(3 graduate credits or 2 in-service credits)
July 11-14; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

With all of these innovations in technology, it’s important to take time to reflect on how to most effectively use our time with the most appropriate tools for learning. We will explore ideas for parent communication, update classroom websites with engaging reinforcement & enrichment activities, and explore how to utilize QR Codes in the classroom. By utilizing professional Twitter accounts, students will have the latest educational updates and ideas from the gurus in education. This class will allow you to apply technology to any discipline of elementary education to make your teaching even more engaging!

This course will be taught online and sign-in instructions will be sent prior to the start date.

Instructor: Jessica Ryan is a teacher in the Lynbrook School District, was Nassau County’s Math Teacher of the Year in 2012 and is an adjunct Molloy College faculty member.

21ST CENTURY LEARNING AND TEACHING: CONNECTEDNESS, TRANSPARENCY, AND DIGITAL LEADERSHIP

Course Number: EDU 524 Section 50
(3 graduate credits or 2 in-service credits)
July 25-28; M-Th; 8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

In his book Digital Leadership: Changing Paradigms for Changing Times, Eric Sheniger writes, “Now is the time for all of us to critically analyze our respective schools and take a stand against the status quo in order to do what is best for our students.” How do we meet our students on their learning platforms? Why is it crucial for us to develop...
professional learning networks (PLN) to heighten our own trajectory of learning? What impact does this PLN have on our students’ experiences? This course will prompt participants to engage in conversations focusing on the best practices of learning, the essential questions of digital leadership, the power of networked intelligence, the crucial practice of school branding and telling our students’ stories, and the many ways to use digital tools and social media, mainly Twitter, to capture an entire school community’s attention. Instructor: Ed Kemnitzer, Executive Assistant for Technology Integration of Curriculum Support & Development for the Massapequa Public Schools. Ed is a former assistant principal at the high school and middle school levels. Before serving as an assistant principal, Ed was the Curriculum Associate for ELA at Deer Park High School.

MATH INSTITUTES

The following nine (9) Math Education Summer Institutes will each be offered on a four (4) day schedule from 8:00 a.m. – 4:00 p.m. each day at either Molloy’s Suffolk Center located at 7180 Republic Airport in East Farmingdale, or at our Rockville Centre campus located at 1000 Hempstead Avenue, Rockville Centre. Each Institute can either be taken for 3 graduate credits for $900 or on a non-credit basis for $495 for 2 in-service credits.

Tuition and Fees: Graduate: $900 or In-Service: $495
June 27-30; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus (3 graduate credits or 2 in-service credits)

Course Number: EDU 524 Section 12

• Common Core Standards: High School Geometry
• STEM Activities for the Math and Science Classroom
• Common Core State Standards: Algebra II
• Common Core State Standards: Algebra II
• Common Core State Standards: Topics in Mathematics
• Problem Solving in Grades 7-12
• Adapting to Common Core Math: Rethinking Methods and Strategies for Teaching and Testing

COMMON CORE STATE STANDARDS: HIGH SCHOOL GEOMETRY
Course Number: EDU 524 Section 12
(3 graduate credits or 2 in-service credits)
June 27-30; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The institute will comprehensively address the new New York State Geometry curriculum. It will focus on the topics, new to the new standards and those that current teachers need to learn. Participants will review standard geometry proof and constructions using both Euclidean Method and using technologies. Upcoming Common Core State Standards and the revised 2005 NYS Math, Science & Technology Standard addressed.
Instructor: Kristin Anglin, is a teacher for the Valley Stream Central High School District and Adjunct Mathematics Professor at Molloy College.

STEM ACTIVITIES FOR THE MATH & SCIENCE CLASSROOM
Course Number: EDU 524 Section 13
(3 graduate credits or 2 in-service credits)
June 27-30; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

This course will provide an interdisciplinary approach to integrating STEM into practice across the disciplines. The course will involve the participation in problem-based and project-based learning activities, mathematics and science learning tasks, and using technology to gain and display information. Project-based learning is becoming increasingly important in engaging today’s relevancy-oriented students. Use calculator controlled robot cars and NASA activities to apply math and science concepts to direct robots through a variety of challenges, collect motion data, explore rates of change and make predictions. Collect data with probes, sensors, the Calculator-Based Ranger 2™ data collection devices (CBR 2™) and the use of the TI-Nspire™ technology. Find mathematical models to describe the data sets and make essential connections between mathematics and science. Students love to see how math is connected to science and the real world. Participants will design and develop their own STEM learning activity.
Instructor: JoAnn Miltenberg has been in teaching for over 30 years, the last 20 at Farmingdale High School. She was trained in 2000 by NYSUT and Texas Instruments to give technology related professional development workshops, conference presentations and in-service training locally, statewide and internationally. She has received the following honors: Long Island University Teacher of the Year Award (2005), United States Department of Education American Star of Teaching Award for New York State (2005), Town of Oyster Bay Women of Distinction in Education Award (2006).
COMMON CORE STATE STANDARDS: ALGEBRA II
Course Number: EDU 524 Section 30
(3 graduate credits or 2 in-service credits)
July 5-8; T-F; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Although the topics may be familiar to you, Common Core Algebra II is very different from the Algebra II / Trigonometry course that has been taught in the past. The focus of this class is to provide you with a foundational knowledge about what this new course entails. You will receive insight on how to create and structure your Algebra II curriculum and receive hands-on experience with some of the new material. We will also spend time exploring the background topics that students are expected to have when they enter this course. We will be using the New York State Modules as well as other resources to learn how to adapt the materials for your classes and develop strategies for teaching materials in an appropriate time frame. You will have the opportunity to create lessons that you can take home and use with your students. Instructor: Ann Davidian retired from the Levittown School district where she worked as a teacher and chairperson for 40 years. She now works as a Mathematics consultant for BOCES and is a T^3 National Instructor. She received the 2001 U.S. Presidential Award for Excellence in Mathematics and Science Teaching. She is a co-author of Functions Modeling Change: A Preparation for Calculus, Algebra: Form and Function and Preparing for the Regents Examination: Algebra 2 and Trigonometry.

COMMON CORE STATE STANDARDS: TOPICS IN MATHEMATICS PROBLEM SOLVING IN GRADES 7-12
Course Number: EDU 524 Section 08
(3 graduate credits or 2 in-service credits)
July 5-8; T-F; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

An institute to help teachers prepare to teach topics, that are new to their respective grades levels with an emphasis on hands-on manipulatives and authentic activities for developmental learning. Teachers will address the increasing need for students to independently approach problem solving. Hands-on manipulatives will be used to improve student learning outcomes, as appropriate to both the topic and grade level. Both the Content and Process Strands of the NYS Learning Standards will be examined in reviewing the new assessments. Upcoming Common Core State Standards will be discussed and all work will be in line with the revised 2005 NYS Learning Standards in Mathematics. Instructor: Kristin Anglin, see bio on page 6.

ADAPTING TO COMMON CORE MATHEMATICS IN GRADES 7-12: RE-THINKING METHODS AND STRATEGIES OF TEACHING AND TESTING
Course Number: EDU 524 Section 14
(3 graduate credits or 2 in-service credits)
July 11-14; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Common Core Mathematics has changed what we do in the classroom from the perspective of both the teacher and the student. In this course, you will learn about and actively engage in various instructional strategies that can be utilized in secondary mathematics courses to help increase student engagement and reach more learners. When you return to school in September, you will be able to bring back some hands-on activities and real world applications to use with your students. We will also attempt to unravel the knots in your stomach about CCCS test questions by examining various assessment tests and spending some time learning how to write Common Core style multiple choice and open ended questions for the courses you teach. Instructor: Ann Davidian, for bio see this page.

STATISTICS IN ALGEBRA 2 AND PRECALCULUS
Course Number: EDU 524 Section 31
(3 graduate credits or 2 in-service credits)
July 11-14, M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Many of the topics found in a Freshman Statistics course and/or in AP Statistics are found in the Common Core Algebra 2 and Precalculus courses. These topics will be explored and developed and the EngageNY modules will be examined as well. If time permits, topics from Probability which are also commonly included in a Freshman Statistics course will be examined. Instructor: Bruce Waldner, see bio below right.

THE CHANGING FACE OF PRECALCULUS UNDER COMMON CORE
Course Number: EDU 524 Section 47
(3 graduate credits or 2 in-service credits)
July 18-21; M-Th; 8:00 a.m. - 4 p.m., RVC campus,
Tuition and Fees: Graduate: $900 or In-Service: $495

The Common Core Mathematics Standards specify the mathematics that all students should study to be college and career ready. Topics that students need for taking advanced courses are indicated in the standards by (+). This course contains all of those (+) standards. The major topics studied in this course are Complex Numbers, Transformations, Vectors, Matrices, Rational and Exponential Functions, Trigonometry, Probability and Statistics. We will examine the New York State Modules and other resources to get a sense for what this course contains. Time will be spent discussing which topics are needed for AP Calculus and AP Statistics and which topics would be more appropriate for an Advanced Mathematics course. This will help you determine how this course could be adopted or adapted into your curriculum. Instructor: Ann Davidian, for bio see this page.
BEST PRACTICES FOR TEACHING THE COMMON CORE STATE STANDARDS IN ALGEBRA 1
Course Number: EDU 524 Section 49
(3 graduate credits or 2 in-service credits)
July 18-21, M-Th;8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this course is to provide teachers with a deeper understanding of the Common Core State Standards, beginning with the end in mind. Developing meaning in Algebra and establishing a solid foundation is critical to the successful performance of students as they progress in the learning of Mathematics. Many ask: Why do we teach Mathematics? What is the point? Mathematics is all about creating problem solvers who can thrive and persevere as they face complex problems in everyday life.

Teaching of Mathematics today is vastly different from the learning of Mathematics years ago. We must create a new way of thinking in our youngsters in order for them to thrive in a globally competitive world that is unknown. Our students today must and will create the future and in order to do so, they must think differently.

Instructor: Dr. Cheriese Pemberton; Vice Principal 9-12, Long Beach High School and Director of Mathematics, K-12, Uniondale Public Schools

TEACHING FRACTIONS FOR UNDERSTANDING IN THE COMMON CORE IN GRADES 3-7
Course Number: EDU 524 Section 53
(3 graduate credits or 2 in-service credits)
July 25-28, M-Th;8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

Working with fractions has often been a concept that teachers have had to teach and re-teach each year. One of the reasons this is so is that students see work with fractions as memorized procedures with no understanding. This course will develop teaching strategies to provide students with a firm understanding of fractions so that the topics do not need to be re-taught each year.

Instructor: Bruce Waldner, Bruce Waldner retired with 42 1/2 years of experience as a K-12 Mathematics Supervisor in several school districts in Nassau and Suffolk Counties. He retired from the Syosset Central School District where he was the Coordinator of Mathematics, K-12. He is an adjunct Professor of Mathematics at Suffolk Community College and Farmingdale State College. He is the author of Let's Review Algebra Two/Trigonometry. He is a past president of the Nassau County Association of Mathematics Supervisors (NCAMS) as well as a past president of the New York State Association of Mathematics Supervisors (NYSAMS). In 2009 he was inducted into the Long Island Mathematics Educators Hall of Fame.
SCIENCE INSTITUTES

The following thirteen (13) Science Education Summer Institutes will each be offered on a four (4) day schedule from 8:00 a.m. – 4:00 p.m. each day at either Molloy’s Suffolk Center located at 7180 Republic Airport in East Farmingdale, or at our Rockville Centre campus located at 1000 Hempstead Avenue, Rockville Centre. Each Institute can either be taken for 3 graduate credits for $900 or on a non-credit basis for $495 for 2 in-service credits. To register, please refer to the Application and Registration Instructions on page 14. The Institutes can be found on pages 9-11:

- Stem Activities for the Math and Science Classroom
- Successful Science Fair Projects and Fun Science Competitions: for Grades K-12
- Teaching Various Concepts in Terrestrial Ecology
- Vocabulary in the Science Classroom:
- Teaching Green Institute for High School Students: Understanding LI Water Conservation
- Teaching Green Institute for Middle School Students: What’s New for 2016-17
- Strategies for Teaching Astronomy in Grades K – 12
- The Evolution of Earth and Life
- Authentic Lab Creation and Modifications
- Embracing Technology in the Earth Science Classroom
- Exploring North East Geologic History for Grades K-12
- Presenting Biodiversity for Grades K-12
- Teaching Long Island’s Marine Ecology: Facts and Strategies for Grades K-12

STEM ACTIVITIES FOR THE MATH & SCIENCE CLASSROOM

Course Number: EDU 524 Section 13
(3 graduate credits or 2 in-service credits)
June 27-30; M-Th; 8:00 a.m. - 4:00 p.m., RVC Campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this course is to assist teachers in the creation and implementation science research project ideas in addition to local science competitions. Teachers will explore the various facets of local science competitions and participate in several of these activities, while learning how to run a competitive team of students successfully. Many activities involve the complete integration of Math, Science, and Technology. Activities cover New York State learning standards 1, 2, 4, and 7.

Participants will engage in several activities in order to better prepare their student for a bright and exciting school year filled science and technology. Activities range from rocketry, windmill mechanics, efficiency of buildings and structures to functioning models of Earth’s surface. Field trips may include the Oceanside Marine Nature Study Area and the Merrick Landfill.

Instructor: William Behrens is a teacher in the Freeport Public Schools and an adjunct Molloy College faculty member.

SUCCESSFUL SCIENCE FAIR PROJECTS AND FUN SCIENCE COMPETITIONS: FOR GRADES K-12

Course Number: EDU 524 Section 07
(3 graduate credits or 2 in-service credits)
June 27-30; M-Th; 8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this course is to assist teachers in the creation and implementation science research project ideas in addition to local science competitions. Teachers will explore the various facets of local science competitions and participate in several of these activities, while learning how to run a competitive team of students successfully. Many activities involve the complete integration of Math, Science, and Technology. Activities cover New York State learning standards 1, 2, 4, and 7.

Participants will engage in several activities in order to better prepare their student for a bright and exciting school year filled science and technology. Activities range from rocketry, windmill mechanics, efficiency of buildings and structures to functioning models of Earth’s surface. Field trips may include the Oceanside Marine Nature Study Area and the Merrick Landfill.

Instructor: Paul Zaratin is a middle school Science teacher on Long Island. He has a Master’s in Earth Science Education, and holds N.Y.S. certifications in Earth Science and General Science. Through several years of teaching, he has created many lab activities in order to assist the students in understanding science concepts.

VOCABULARY IN THE SCIENCE CLASSROOM

Course Number: EDU 524 Section 15
(3 graduate credits or 2 in-service credits)
June 27-30, M-Th; 8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this course is to assist teachers in the creation & implementation of vocabulary based activities. With the new literacy standards coming down on us, this is a great class that goes back to the basics. If we want our students to be more literate, they have to understand the vocabulary. The old way of copying definitions from the textbook is not going to cut it. This course is designed to cover many different methods from years of experience used in the classroom to increase vocabulary. Activities include Peer-Tutoring, “I have ... Who has?”, Don’t Wreck the Train, Triangle Review, Vocabulary Drawings, Flip Books & many more. Common Core curriculum will be highlighted. (Although this is geared to Earth Science, it is applicable to all science disciplines)

Instructor: Melissa Torre is a High School Earth Science & Middle School Physical Science Teacher on Long Island. She has her Masters in Special Education & Undergrad in Geology & Elementary Education. She holds NYS certifications in Earth Science, Special Education, & Elementary Education. She is also the Suffolk County STANYS (Science Teachers Association of NYS) Earth Science SAR (Subject Area Representative) and has been awarded the Nassau County STANYS Outstanding High School Science Teacher Award & the STANYS Fellows New Teacher Conference Award.
TEACHING GREEN INSTITUTE FOR HIGH SCHOOL
STUDENTS: UNDERSTANDING LI WATER
CONSERVATION
Course Number: EDU 524 Section 25
(3 graduate credits or 2 in-service credits)
July 5-8; T-F; 8:00 a.m. - 4:00 p.m., Suffolk Center
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this course is to assist teachers in the
creation and implementation of lab based activities while
Teaching various astronomy concepts in the NYS Earth
Science Regents course. These activities focus on
connecting basic concepts in astronomy and their
relationship to daily life. Activities cover New York State
learning standard 4.1 for the Physical Setting.
Participants will construct and employ several labs
applying concepts focusing on with lunar phases,
calendars, topography, and mapping. Additional lessons
include but are not limited to model solar system
measurement, astronomy art, candy constellations, lunar
survival skills, and apparent motion celestial bodies.
Instructor: Paul Zaratin see bio on page 9.

STRATEGIES FOR TEACHING ASTRONOMY IN
GRADES K – 12
Course Number: EDU 524 Section 46
(3 graduate credits or 2 in-service credits)
July 11-14; M-Th;8:00 a.m. - 4:00 p.m., Suffolk Center
Tuition and Fees: Graduate: $900 or In-Service: $495

The primary principals of this course will include the
evolution of our solar system, atmosphere, oceans, land
and life. Field trips may include but are not limited to the
Museum of National History, Vanderbilt Planetarium, or
Bronx Zoo. Additional fees for trips may apply. Participants
will create and share hands-on labs and
activities that implement current NYS Learning Standards
in Physical and Life Sciences. This course is designed for
all science teachers Elementary to High School.
Instructor: William Behrens see bio on page 9.

AUTHENTIC LAB CREATION AND MODIFICATIONS
Course Number: EDU 524 Section 35
(3 graduate credits or 2 in-service credits)
July 18-21, M-Th;8:00 a.m. - 4:00 p.m., Suffolk Center
Tuition and Fees: Graduate: $900 or In-Service: $495

This course is designed to allow participants to
collaboratively develop new labs that meet current NYS
Learning Standards in Science and proposed NGS
standards in their appropriate fields. New labs will be
created through the use of the collective work obtained
from hands-on field experiences (field trips) provided in
this course. Trip locations TBD based on the curriculums
participants teach. Additionally, time will be spent
modifying existing labs concepts to meet the varied needs
SWD, ELL and FELL students. Participants should bring
3 labs in which they wish to modify to meet these goals.
The use of laptops will be required; you may borrow one
daily from Molloy if needed. This course is designed for
all science and special education teachers Elementary to
High School levels.
Instructor: William Behrens see bio on page 9.
EMBRACING TECHNOLOGY IN THE EARTH SCIENCE CLASSROOM
Course Number: EDU 524 Section 37
(3 graduate credits or 2 in-service credits)
July 18-21, M-Th; 8:00 a.m. - 4:00 p.m., Suffolk Center
Tuition and Fees: Graduate: $900 or In-Service: $495

The integration of technology in classrooms is an ongoing and monumental task. The use of iPads & Chromebooks have the potential to change the science classroom in dynamic and exciting ways. In this engaging and interactive workshop, you’ll learn practical ideas and strategies for using a wide variety of technologies in the classroom as well as which apps work best to help your students visualize & therefore understand better some complex science concepts.
Instructor: Melissa Torre see bio on page 9.

EXPLORING NORTH EAST GEOLOGIC HISTORY FOR GRADES K-12
Course Number: EDU 524 Section 52
(3 graduate credits or 2 in-service credits)
July 25-28, M-Th; 8:00 a.m. - 4:00 p.m., Suffolk Center
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this course is to assist teachers in the creation and implementation of lab based activities while teaching various geology concepts in the classroom. These activities will cover topics including structural geology principles, history and formation of Long Island, the effects of mining, and safe aquifer usage. Activities cover New York State learning standard 4.1 for the Physical Setting.
Participants will depart with various activities/ labs created during this session. Field trips may include Garvies Point Museum and the Sterling Zinc Mine. Additional field trip fees may apply. Activities cover New York State learning standard 4.1 for the Physical Setting.
Instructor: Paul Zaratin see bio on page 9.

PRESENTING BIODIVERSITY FOR GRADES K-12
Course Number: EDU 524 Section 34
(3 graduate credits or 2 in-service credits)
August 1-4; T-F; 8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this course is to increase the awareness of the interrelationships that exist between all living things, adaptability of living things, as well as interactions within the human body. This will be accomplished through the use of student-centered activities as well as teacher directed demonstrations. Alignment with New York State Science Standards will be emphasized for all phases. Participants will accumulate activities, labs and demos adapted for the grade levels they teach. Instructor: Paul Zaratin see bio on page 9.

TEACHING LONG ISLAND’S MARINE ECOLOGY: FACTS AND STRATEGIES FOR GRADES 7-12
Course Number: EDU 524 Section 21
(3 graduate credits or 2 in-service credits)
August 8-11; M-Th; 8:00 a.m. - 4:00 p.m., Suffolk campus
Tuition and Fees: Graduate: $900 or In-Service: $495

The purpose of this course is to assist teachers in the creation and implementation of lab based activities while teaching various concepts in Marine Ecology. These activities focus on connecting basic concepts identifying the delicate relationship between marine animals, humans, land and our local waters. Activities cover New York State learning standard 4.6 and 4.7 for the Living Environment. Participants will construct and employ several labs applying concepts describing marine adaptations, local species identification, water pollution solutions, and predicting algae blooms.
Instructor: Paul Zaratin see bio on page 9.
SOCIAL STUDIES INSTITUTE

EXPERIENTIAL TEACHING: BRINGING ELEMENTARY SOCIAL STUDIES CURRICULUM TO LIFE (GRADES 1-6)
Course Number: EDU 524 Section 39
(3 graduate credits or 2 in-service credits)
July 18-21; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

How can I make Social Studies content more dynamic and accessible for my students? You can create an environment where you set the stage for learning prior to a Social Studies field trip, guide students through an interactive field trip, and assess understanding through reflection. As educators, it is vital that you preview these experiences, plan dynamic activities, and ensure that the experience and lessons meet your curriculum objectives. Get ready to explore Long Island beyond the four walls of your classroom! Instructor: Jessica Ryan see page 5 for a bio.

SPECIAL EDUCATION INSTITUTES

GETTING YOUR SPECIAL EDUCATION STUDENTS TO ACHIEVE ON GRADE LEVEL: THE SECRETS OF RESPECTFUL COMMUNICATION AND VISIBLE THINKING TO INSPIRE ACHIEVEMENT IN HIGH NEEDS SCHOLARS
Course Number: EDU 524 Section 24
(3 graduate credits or 2 in-service credits)
July 11-14; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

This institute is intended for special educators looking to, not only engage their struggling learners, but to bring them to new scholarly heights. A teacher within the self-contained model will present on how to effectively engage students in respectful communication among peers and adults through teacher modeling, praise, and specific easy-to-learn strategies. Participants will analyze the impact these strategies will have on student achievement, student self-belief, instructional time, and overall classroom climate. The workshop will present thinking routines that effectively promote making thinking visible. These strategies originate from the Project Zero Classroom at the Harvard Graduate School of Education.

This course invites participants to understand and enhance learning, thinking, and creativity in the arts, as well as humanistic and scientific disciplines at the individual and institutional levels. Participants will explore teaching analytically, develop new approaches to planning and make informed decisions about instruction. This institute is appropriate for new teachers and experienced teachers looking to gain new tools for their teaching tool belts. Instructor: Megan Pavlick Special Educator: 6th Grade Self-Contained-- Massapequa Schools

MEETING THE NEEDS OF STUDENTS WITH DISABILITIES IN THE GENERAL EDUCATION CLASSROOM: COMMUNICATION, COLLABORATION, AND CO-TEACHING
Course Number: EDU 524 Section 55
(3 graduate credits or 2 in-service credits)
August 1-4; M-Th; 8:00 a.m. - 4:00 p.m., Suffolk Center
Tuition and Fees: Graduate: $900 or In-Service: $495

This workshop will provide participants with models, strategies, and methods for effective, differentiated teaching of students with diverse needs. The workshop will be valuable for all general and special educators and particularly, with co-teaching teams. The strategies covered will be useful for all grades and subject areas.

Topics to be addressed include: perspectives on diversity, communication, problem-solving, conflict resolution, relationship/team building, collaborative planning, co-teaching models, differentiation of instruction, effective assessment, and consultation.

Instructors: Linda Kraemer, Ed.D., Associate Professor, Associate Dean and Director of Undergraduate Programs, Molloy College and Brian Ciampo, High School Special Education Mathematics Teacher and Dean of Students, NYC DOE

TESOL INSTITUTES

TESOL Certification: Individual Pathway
Summer institutes leading to the Teachers of English to Speakers of Other Languages (TESOL) Certification: Individual Pathway program are offered this summer. These institutes can only be taken on a graduate credit basis. Each course is 3 graduate credits and the tuition is $900 per course. The summer institutes are offered on a four (4) day schedule from 8 a.m. - 4 p.m. each day at Molloy’s Rockville Centre campus located at 1000 Hempstead Avenue, Rockville Centre, NY, at our Suffolk Center campus located at 7180 Republic Airport, East Farmingdale, NY, as well as at a number of school districts on Long Island.

This program is designed for teachers who hold a valid New York State Teaching Certificate and wish to earn TESOL Certification without having to earn an additional degree. Candidates must meet certain Content Core and Pedagogical Core requirements and must also meet any non-coursework requirements, such as the New York State Teacher Certification Examinations and fingerprint clearance, as specified. Graduate courses are offered in the program to assist teachers in meeting most of the
Content and Pedagogical Core course requirements. Please visit: www.molloy.edu/tesol for the summer schedule and additional information.

The following Summer Institutes will be offered at both our Rockville Centre and Suffolk Center campuses this summer, as well as at a number of school districts on Long Island. The schedule of the classes should be available in late-February, 2016.

EDU 540; An Introduction to Linguistics
EDU 542; The Structure and Application of American English
EDU 543; Interdisciplinary Teaching Methods and English Language Arts for PK-12 English Language Learners
EDU 514; Teaching English Language Learners
EDU 544; PK-12 TESOL Teaching Practices and Assessment in the Content Areas

ADVANCED PLACEMENT* SUMMER INSTITUTES

Molloy College, through the Divisions of Education and Continuing Education & Professional Development offers AP* Summer Institutes for teachers of Advanced Placement* High School courses at both its Rockville Centre Campus at 1000 Hempstead Avenue, Rockville Centre (listed as RVC below), as well as at its Suffolk Center Campus at Route 110, on the grounds of Republic Airport located at: 7180 Republic Airport, in East Farmingdale, NY on Long Island (listed as Suffolk below). All institutes are taught by experienced teachers of AP* and are endorsed by the College Board. The AP* Summer Institutes listed below may be taken for graduate credit for Professional Development at the reduced rate of $900 per 3-credit Institute or on a non-credit basis for in-service credit for $795 per Institute. All of the Institutes are offered on an intensive one-week, Monday-Thursday format. Space constraints did not allow for the printing of course descriptions, course locations or faculty bios. Please visit our website at: www.molloy.edu/ce/ap for a description of the Institutes and further information regarding the AP Summer Institute Program. The following Institutes will be offered:

June 27 - June 30, 2016
- **Calculus AB**: Faculty: Dr. Maxine Lifshitz; RVC
- **Environmental Science**: Faculty: Jeanne Kaidy; RVC
- **Statistics**: Faculty: Dr. Joe Oechsle; Suffolk

**July 5 - 7, 2016** (Tuesday-Friday)
- **Art History**: Faculty: John Nici; Suffolk
- **Computer Science A**: Faculty: Richard dePaulo; RVC
- **English Literature**: Faculty: Ed Schmieder; Suffolk
- **World History**: Faculty: Charles Hart; Suffolk

**July 11 - 14, 2016**
- **Biology**: Faculty: Richard Kurtz; RVC
- **Economics**: Faculty: Dr. Anthony Gyapong; Suffolk
- **European History**: Faculty: Alice Grant; Suffolk

**July 18 - 21, 2016**
- **Calculus BC**: Faculty: Dr. Maxine Lifshitz; Suffolk
- **Chemistry**: Faculty: Mark Langella; RVC
- **U.S. History**: Faculty: Alice Grant; Suffolk

**July 25 - 28, 2016**
- **Biology**: Faculty: Richard Kurtz; RVC
- **Calculus AB**: Faculty: Dr. Maxine Lifshitz; Suffolk

**August 1 - 4, 2016**
- **Chemistry**: Faculty: Mark Langella; RVC
- **English Language**: Faculty: Barbara Murphy; Suffolk
- **US Government & Politics**: Faculty: Maria Schmidt; Suffolk.

**August 8 - 11, 2016**
- **CS Principles**: Faculty: Reg Hahne; RVC
- **Physics 1**: Faculty: Jesus Hernandez; RVC
- **Spanish Language**: Faculty: Jose Diaz; Suffolk
- **Spanish Lit**: Faculty: Elizabeth Sherman; Suffolk
- **World History**: Faculty: Charles Hart; Suffolk

* College Board, AP, Advanced Placement Program, AP Vertical Teams, Pre-AP and the acorn logo are registered trademarks of the College Board. Used with permission.
Application and Registration Instructions

The Summer Institutes may either be taken for 3 graduate credits for $900 (no additional fees) or on a non-credit basis for in-service credits for $495 or $795 (for AP Summer Institutes).

You must attend each day to receive in-service credit. If you are taking the course for graduate credit, in addition to attending the institute each day, there is a project that is due within 2 weeks of the conclusion of the institute.

The registration deadline is three weeks prior to the start date of each institute. Late registration may be possible if space and materials are still available.

The application and registration process differs depending upon the type of credit that you would like to receive. Please refer to the instructions below for either graduate or non-credit (in-service) application and registration procedures.

A registration confirmation, with the classroom location will be sent upon receipt of your application and registration. If you should have any questions regarding the application or registration process, please contact Cindy Thomas at 516-323-3554 or by e-mail at cthomas@molloy.edu.

Graduate Credit: Application & Registration Procedures

Graduate tuition for teachers taking the Summer Institutes for professional development and not towards a Molloy Master's degree is a flat rate of $900 per 3-credit course (candidates who teach full time in a religious affiliated school can qualify for a 30% tuition reduction). Tuition for Molloy College graduate students who have been approved to take this course as part of their degree program will be charged: the current rate of tuition, plus fees. Molloy students currently enrolled in the Professional Certification program should check with their advisor to see if this course would be applicable towards their degree requirements.

Teachers not currently enrolled at Molloy in a degree program may register for this course as a non-matriculated student. If you wish to take the institutes on a graduate credit basis, please visit https://lionsden.molloy.edu/ics, click on the Summer Institutes’ tab at the top of the page and follow the directions. All graduate credit registration must be done online.

“Non-Credit/In-Service: Registration Procedures

Non-Credit, in-service credit tuition is $495 or $795 for each AP Summer Institute). You may register for the institutes on a non-credit, in-service basis online at: www.molloy.edu/ce/registration, or by phone by calling 516-323-3554, or by mail. Or email or fax by completing the Non-Credit Registration form on page 15. Please note that students enrolled in this course on a non-credit, in-service basis cannot opt to take this course for credit once the course has begun.

Travel Directions, Office Hours & Further Information

A list of hotels and attractions near both campuses can be found on our website at: www.molloy.edu/ce/ap. You may also call us at 516-323-3554 or email cthomas@molloy.edu.

**Rockville Centre Campus**
The campus is located at 1000 Hempstead Avenue, Rockville Centre, NY 11571. Directions to the campus can be found on our website at: www.molloy.edu/ce/directions.asp. A parking permit is not necessary and there is ample parking on campus at no charge. You will be notified of the building and room location of your course prior to the start date.

The Summer Office is located in Siena Hall, Room 106

**Office Hours:** M-Th, 8:30 am-7 pm; Fri, 8:30 am-5 pm

**Closed on Fridays in the Summer (7/8-9/2); Sat, 8:30 am-12:30 pm**

**Phone:** 516-323-3550 • **Fax:** 516-323-3560

**E-Mail:** conted@molloy.edu

**Suffolk Center Campus**
The Suffolk Center is located just off Route 110 at 7180 Republic Airport, in Farmingdale, NY. Directions to the Suffolk Center can be found at: www.molloy.edu/suffolk/directions.asp. A parking permit is not necessary and there is ample free parking directly in front of the building. There is only one building at Suffolk and classroom locations are posted in the lobby.

The main office is open Monday - Thursday from 9:00 a.m. – 7:00 p.m. (7:30 a.m. – 5:00 p.m. in the summer, 5/12-8/28) and Friday from 9:00 a.m. – 5:00 p.m.(closed on Fridays in the summer); **Phones:** (516) 323-3570 • **Fax:** (516) 323-3573

Questions?

If you should have any questions regarding the Institutes, the application process or registration, please contact:

Cindy Thomas, Assistant to the Director, Summer Sessions and Conference Services

**Phone:** 516-323-3554 • **Fax:** 516-323-3560/3561 • **E-mail:** cthomas@molloy.edu
Molloy College
Summer Sessions 2016
Non-Credit/In-Service Credit Summer Institutes Registration Form

This form is to be used only if you are taking the institutes on a non-credit/in-service basis. If you wish to take the institutes on a graduate credit basis, please visit https://lionsden.molloy.edu/ics, click on the “Summer Institutes” tab at the top of the page and follow the directions. The completed form, along with payment or purchase order information, can be mailed, faxed, scanned and emailed or presented in-person at the address or fax number as indicated on the bottom of this form. Online registration is available at: www.molloy.edu/ce/registration, under online registration.

Please type or print clearly – All information must be completed.

Name: Last ________________________________________ First ___________________________________ MI ______
School ______________________________________ District ____________________________________ Grade ______
Home Address: _____________________________________________________________________________________
Street              City              State            Zip
Home Phone (______)_________________________ Work Phone (______)____________________________________
Cell Phone (______)__________________________  E-mail ________________________________________________

I understand and agree to comply with the regulations of Molloy College and accept the terms of payment of all tuition and fees stated in the College Catalogue. I certify that all items on this application are answered correctly and completely. I understand that if I enroll in this course on a non-credit, in-service basis I cannot opt to take this course for credit once the course has begun.

Signature of Student (Required) __________________________________________ Date ______________

Registration and Tuition Information

In-Service Credit (Non-credit) Tuition: $495 per non-AP Institute; $795 per AP Institute (no additional fees)

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Tuition Total

Payment Method

Tuition or purchase order information is due at the time of registration. Your registration can not be processed without payment or PO information. Please indicate your method of payment:

_____ Check # ______________________ Please make checks payable to: Molloy College
_____ Purchase Order Please attach PO, or attach contact information for billing.
_____ Credit Card: _____ Visa _____ MasterCard _____ Discover Exp. Date (Month/Year) _________

Card Holder Name __________________________________________________________
Account Number ___________________________________________________________
Signature of Cardholder ____________________________________________________

Please either mail, email or fax the completed form to: Division of Continuing Education and Professional Development, Molloy College, 1000 Hempstead Avenue, PO Box 5002, Rockville Centre, New York 11571; Fax (516) 323-3560 or (516) 323-3561 Email: cthomas@molloy.edu