

## PLEASE POST IMMEDIATELY

Dear Educator:

Please take a moment to reacquaint yourself with the Course Information Section. The Continuing Professional Education (CPE) course information and guidelines are listed in this brochure.

PDE requires all instructors to assess course participants, in order to receive CPE credits. *These credits can be used towards Act 48.* The guidelines for assessment of participants may include, but are not limited to the following:

- ◆ ASSIGNMENTS ARE COMPLETE, TURNED IN ON TIME AND SHOW CONNECTION TO COURSE MATERIALS
- ◆ PARTICIPATION IN CLASS DISCUSSIONS
- ◆ RESEARCH PAPERS
- ◆ ATTENDANCE
- ◆ ENTRY JOURNALS
- ◆ A FINAL PROJECT
- ◆ PRESENTATIONS - WRITTEN/ORAL
- ◆ QUIZZES/TESTS
- ◆ PORTFOLIOS
- ◆ FINAL COMPREHENSIVE TESTS
- ◆ ARTICLE CRITIQUES
- ◆ COMPLETION OF AN ACTION, LESSON, OR CURRICULUM PLAN(S)

*Please Note: Teachers of schools serviced by the NEIU will have 1st preference in listed courses.*

Thank you for participating in the Continuing Professional Education Program at the NEIU.

### CPE BROCHURE IS ON THE NEIU HOMEPAGE AT

[www.iu19.org](http://www.iu19.org)

- ◆ ON THE NEIU HOMEPAGE A BULLETIN BOARD BOX IS ON THE RIGHT
- ◆ IN THE BULLETIN BOARD BOX, CLICK ON CPE CREDITS AND YOU CAN VIEW AND/OR PRINT THE CPE BROCHURE
- ◆ YOU CANNOT REGISTER ONLINE – YOU MUST MAIL YOUR CHECK AND REGISTRATION FORM TO KAREN WHITE

## This Brochure has Additional CPE Classes

### ER&D DATES & TIMES ARE NOW LISTED

#### MEETING THE NEEDS OF EXCEPTIONAL STUDENTS IN THE REGULAR EDUCATION CLASSROOM

The course will provide participants with an in-depth understanding of Special Education Policies and procedures that affect them as regular education teachers. Participants will gain an understanding of the requirements of inclusionary practices as set forth through Chapter 14, with attention to the Gaskin Settlement. Participants will gain insight into social, emotional and educational needs of exceptional children through the study of specific categories of exceptionalities. Participants will learn how to adapt assignments, assessments and instructional methodology relevant to their individual classrooms.

SCHEDULE: Oct 1, 6, 8, 13, 15, 20, 22, 27, 29;  
Nov 3, 5, 10, 12, 17, 19, 2009  
TIME: 4:15 P.M. - 7:15 P.M.  
FEE: \$285.00  
LOCATION: NEIU CONFERENCE ROOM A  
CPE CREDITS: THREE (3)  
INSTRUCTOR: LORNA JOHNS  
ENROLLMENT: TWENTY-FIVE (25)

## ❖ CPE COURSE INFORMATION ❖

Continuing Professional Education (CPE) in Pennsylvania is a planned, competency-based, on-going program whereby professional educators can renew initial certification, obtain permanent certification, attain a Master's Degree Equivalency Certificate and/or to improve skills.

The Northeastern Educational Intermediate Unit and its CPE Design Team offer this CPE credit course program as a service to educators. All instructional faculty conducting the courses have demonstrated expertise in their field and are currently teaching or working in the area in which they are presenting a course. Ms. Leeta Dennebaum, Curriculum Specialist, has administrative responsibility for all courses.

All courses offered have been approved or are pending approval by the Pennsylvania Department of Education for CPE graduate credit and may be used to satisfy educational requirements. You may use CPE graduate level courses for permanent certification or Act 48. For a master's equivalency, up to 18 of your credits may come from the CPE graduate level courses. **IMPORTANT: At least 18 of the 36 required credits for a Master's Equivalency, MUST be content specific to the subjects you teach under your certification.** Individuals should check local school district policy if they wish to use CPE credits for purposes other than those outlined by the Pennsylvania Department of Education.

### ATTENDANCE

Full attendance is mandatory. Any excuses for missed classes must be reported by the participant to Karen White by e-mail at [kwhite@iu19.org](mailto:kwhite@iu19.org) or by phone at 876-9240. Instructors will not allow for early dismissals or late arrivals. This guideline is directly in concert with Act 48 requirements.

Courses have been redesigned with the rigor of a college

or university syllabus. All participants will be required to complete outside readings assigned by the instructor (text, journal articles, Internet pages, etc.). Additionally, participants will be required to complete a project for the course. All assignments will be collected and assessed by the instructor.

### PAYMENT

The basic fee for these CPE courses is **\$95.00 per Credit**; however, the fee may vary according to the materials and supplies required. Registrants should consider themselves enrolled in the course(s) unless notified otherwise, and attend the sessions as scheduled. **Send check or money order with registration (No Cash).** A separate check for each course is required. Unless specified otherwise, make checks payable to: NEIU.

### ENROLLMENT

Consider yourself registered for courses when you send in your course registration(s). The NEIU office will only notify you if a course is cancelled, filled or if any changes occur.

### RECEIPTS

Your cancelled check is your receipt.

### REFUNDS

The registration deadline is the week before a course starts. Refunds of \$75.00 per credit will be given for cancellations received at least one week before a course starts. A processing fee of \$20.00 per credit is non-refundable.

### FOR ADDITIONAL INFORMATION CONTACT:

Karen White at: [kwhite@iu19.org](mailto:kwhite@iu19.org) or (570) 876-9240.

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

### USING COMMUNITY BASED PRIMARY RESOURCES TO ENHANCE CLASSROOM INSTRUCTION (PART 1)

Northeastern Pennsylvania played a unique role in the development of the United States of America. Immigrants from Eastern Europe came to this area to build a new life, and ended up building a new nation. Their hard work in the anthracite fields of the region produced the coal that fueled the industrial revolution.

Teachers of student in grades K-12 will board a steam engine, ride an electric trolley, gain hands-on experiences in museums, and descend hundreds of feet in a coal mine to examine the potential for utilizing community based primary resources to enhance their classroom instruction. Classes will be held at various museums and historic sites throughout the region and will be enriched through guest speakers. Reading of background materials provided by individual sites is required before each class.

SCHEDULE:	SEPTEMBER 8 AND 10	STEAMTOWN MUSEUM
	SEPTEMBER 12	TROLLEY AND COAL MINE
	SEPTEMBER 15	ANTHRACITE MUSEUM
	SEPTEMBER 17	CULTURAL CENTER
	SEPTEMBER 22 AND 24	HISTORICAL SOCIETY
	SEPTEMBER 29 AND OCTOBER 1	EVERHART MUSEUM
TIMES:	4:30 P.M. - 9:00 P.M. (EXCEPT SATURDAYS* 8:30 A.M. - 4:00 P.M.)	
CPE CREDITS:	THREE (3)	
FEE:	\$335.00 (285 + \$50 MATERIALS FEE)	
INSTRUCTORS:	TOM MCHUGH AND CATHERINE CULLEN	
ENROLLMENT:	TWENTY-FIVE (25)	

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

### CLASSROOM MANAGEMENT STRATEGIES FOR MEETING THE PENNSYLVANIA ACADEMIC STANDARDS

This graduate level course is designed to provide educators with an in-depth exploration of behavior models and strategies that will enable them to maximize the on-task behavior of their students and better meet the Pennsylvania Academic Standards. The instructor will present the material through lectures, role-playing, dramatizations, group discussions, and the use of audio-visual equipment. This course is designed for all educators from grades K-12.

**SCHEDULE:** AUGUST 10, 11, 12, 13, 14, 2009  
**TIME:** 8:00 A.M. - 5:00 P.M.  
**LOCATION:** NEIU CONFERENCE ROOM A  
**CPE CREDITS:** THREE (3)  
**FEE:** \$285.00  
**INSTRUCTOR:** JOSEPH AGOLINO  
**ENROLLMENT:** TWENTY-FIVE (25)

### MUSIC AS THE MEDIUM: PROMOTING INTERDISCIPLINARY LEARNING THROUGH MUSIC

This 45 hour, 3 CPE credit graduate level course is designed to enable teachers of all grade levels to promote interdisciplinary learning through the medium of music, specifically rock & roll, folk, jazz & hip-hop. Since this is a medium to which students can relate, various methods and applications will be taught and discussed. This course will enable teachers to reach their students on a multitude of different levels learning various skills with music as the messenger.

Many of the unique strategies that will be taught, have been developed over months and years of planning by outstanding teams of teachers working to reach greater numbers of learners through alternative strategies.

Teachers will develop their own portfolio of lesson plans related to learning Social Studies, English, Writing & Communications, Science, Math and Economic disciplines.

**SCHEDULE:** JULY 20, 21, 22, 23, 24, 27, 28, 29, 30, 31, 2009  
**TIME:** 8:30 A.M. - 1:00 P.M.  
**LOCATION:** CTC OF LACKAWANNA COUNTY, SCRANTON  
**CPE CREDITS:** THREE (3)  
**FEE:** \$285.00  
**INSTRUCTOR:** AL CHOMAN  
**ENROLLMENT:** TWENTY-FIVE (25)

### CRISS-CROSS APPLESAUCE FOR ALL: TRANSITION AND BEHAVIOR MANAGEMENT STRATEGIES FOR THE CLASSROOM

Yoga Ed. Tools for Teachers is an experiential, interactive and didactic course which integrates yoga-based techniques into the K-12 classroom. These techniques, such as conscious breathing, basic yoga poses, simple movement games, and visualizations, have been proven to increase classroom learning and productivity, improve student behavior, and enhance the health and wellness of teachers and children. Integrating 5-15 minute Yoga Tool activities on a regular basis will enable both teachers and students to shift and manage their own mind-body state to reduce stress and improve focus, concentration, self-discipline and learning-readiness.

*You need to bring a yoga mat to class.*

*Dress comfortable.*

**Required manual: please indicate on your registration which level you need and add the cost of the manual to the course fee.**

<b>K- 8</b>	<b>\$35.00</b>
<b>Grades 9 - 12</b>	<b>\$30.00</b>

#### OFFERING 1

**SCHEDULE:** SEPT 28, 29, 30; OCTOBER 1, 2009  
**TIME:** 4:15 P.M. - 8:00 P.M.

#### OFFERING 2

**SCHEDULE:** OCTOBER 19, 20, 21, 22, 2009  
**TIME:** 4:15 P.M. - 8:00 P.M.

#### OFFERING 3

**SCHEDULE:** MARCH 15, 16, 17, 28, 2010  
**TIME:** 4:15 P.M. - 8:00 P.M.  
**LOCATION:** NEIU CONFERENCE ROOMS C/B  
**CPE CREDIT:** ONE (1)  
**FEE:** \$ 95 PLUS THE COST OF YOUR MANUAL  
**INSTRUCTOR:** MELISSA RUSSO  
**ENROLLMENT:** TWENTY (20)

### WRITE YOUR OWN CHILDREN'S BOOK

This is a course in which to structure and develop your own children's book. Gear it to your class level. Illustrate it yourself. Make your own creative decisions as THE AUTHOR. Take your idea to finished book. You can then teach students in K-12 to write their own books by implementing the Children Writing for Children Classroom Program attached to this course. Compare published authors before writing process begins for

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

you. Learn how the Characteristics of Effective Writing connect the art to the copy in a completed children's book. This is a unique technique for teaching writing, developing creativity, and enhancing self-confidence. Some supplies will be purchased from the instructor; the remainder may be obtained locally once the class has commenced. The course is designed for K-12 teachers including teachers of special education, foreign language and gifted. Credit will be received after the November session upon implementation in the classroom.

**SCHEDULE:** JUNE 23, 24, 25, 26; NOV 6, 2009

**TIME:** 8:00 A.M. - 4:00 P.M.

EXCEPT NOV 6, 2009 4:00-6:00

**LOCATION:** NEIU CONFERENCE ROOM A

**CPE CREDITS:** FOUR (4)

**FEE:** \$340.00

**INSTRUCTOR:** RHONDA BARON-HALL

**ENROLLMENT:** TWENTY (20)

### THE AUTOBIOGRAPHY

Preserve your memories in a book by writing your autobiography. Use words and pictures to shape your self-portrait. Then learn to teach children from grades 2-12 how to write an autobiography by implementing The Autobiography Classroom Program. The Pennsylvania Department of Education Characteristics of Effective Writing guidelines, including focus, content, organization, style and conventions, which are defined in the Writing Assessment Handbook, will be addressed with each chapter you write. Bringing your personal history into the writing process will then, in turn, allow your students to participate in the ongoing community of voices each new autobiography provides. Some supplies will be purchased from the instructor; the remainder may be obtained locally once the class has commenced. This course is designed for elementary teachers of grades 2 and above, middle school teachers, high school English and foreign language teachers, special education teachers, teachers of the gifted, and guidance counselors. Credit will be received after the November session upon implementation in the classroom.

**SCHEDULE:** JULY 7, 8, 9, 10; NOVEMBER 6, 2009

**TIME:** 8:00 A.M. - 4:00 P.M.

EXCEPT NOV 6, 2009 4:00-6:00

**LOCATION:** NEIU CONFERENCE ROOM A

**CPE CREDITS:** FOUR (4)

**FEE:** \$340.00

**INSTRUCTOR:** RHONDA BARON-HALL

**ENROLLMENT:** TWENTY (20)

### FANTASY TRAVEL

Take a character on a chapter-by-chapter journey of self-discovery to anywhere your imagination leads you. Make it an adventure both reader and writer will never forget. Then learn to teach the Fantasy Travel classroom program to your students using your newly written book as a sample. The Pennsylvania Department of Education, Characteristics of Effective Writing guidelines, including focus, content organization, style and conventions, which are defined in the Writing Assessment Handbook, will be addressed with each chapter you write. Some supplies will be purchased from the instructor; the remainder may be obtained locally once the class has commenced. This course is designed for elementary teachers of grades 2 and above, middle school teachers, high school English and foreign language teachers, special education teachers, teachers of the gifted, and guidance counselors. Credit will be received after the November session upon implementation in the classroom.

**SCHEDULE:** JULY 13, 14, 15, 16; NOVEMBER 6, 2009

**TIME:** 8:00 A.M. - 4:00 P.M.

EXCEPT NOV 6, 2009 4:00-6:00

**LOCATION:** NEIU CONFERENCE ROOM A

**CPE CREDITS:** FOUR (4)

**FEE:** \$340.00

**INSTRUCTOR:** RHONDA BARON-HALL

**ENROLLMENT:** TWENTY (20)

### NUCLEAR ENERGY SEMINAR FOR TEACHERS (NEST)

This course will provide educators with objective, up-to-date information about the fundamentals of nuclear power, related and controversial nuclear power issues, and the safe and secure operation of PPL's Susquehanna Steam Electric Station (SSES). The course is taught by Dr. David Simpson, professor, Bloomsburg University, using PPL onsite facilities at the Susquehanna nuclear plant as well as some off-site field trips. Classes include lectures, discussions, hands-on learning activities and tours with specialized staff from PPL and other nuclear industry agencies. The course is designed for K-12 educators of all disciplines. (Transportation is provided for off-site visits.)

**SCHEDULE:** AUGUST 3, 4, 5, 6, 7, 2009

**TIME:** 8:00 A.M. - 5:00 P.M.

**LOCATION:** PPL'S SUSQUEHANNA ENERGY INFO CNTR  
ROUTE 11, NORTH OF SUSQUEHANNA  
PLANT ENTRANCE, BERWICK

**CPE CREDITS:** THREE (3)

**FEE:** \$60.00

**INSTRUCTOR:** DR. DAVID SIMPSON

**ENROLLMENT:** SIX (6)

❖ *CPE GRADUATE COURSES FOR CREDIT* ❖

**LEARNING INTEGRATION THROUGH THE ARTS • (*Arts Alive 2009*)**

This course will offer educators the opportunities for professional development on the four disciplines of the arts (visual art, music, dance and theatre) as specified by the Chapter 4 curriculum regulations and the Pennsylvania Standards for the Arts and Humanities. The course will include study in poetry/creative writing. The teachers will discover new media and techniques as they learn with high school students participating in a summer arts experience. Teachers will receive instruction in current assessment trends in arts education and on the Pennsylvania Standards in the Arts and Humanities. The design of the course promotes basic educators working in collaboration with higher education instructors and professional artists. Any teacher who participates in the program must be available July 6th - 31st, 2009 inclusive.

The accepted teachers will participate as students in studio classes along with the high school students. They are not required to teach, but to develop professionally, as they are immersed in the arts program. Teachers will learn the arts, assessments, and will have the ability to profoundly change their classroom curriculum to include the arts as a tool for learning.

Teachers do not need to have a background in the arts, unless they are interested in participating in music. The teachers in the music program will be involved in a choral program and are required to participate in a choir.

Teachers will also develop residency programs with Pennsylvania Council on the Arts rostered artists during the four-week period. The artists will then conduct a weeklong residency during the academic year in the school in which the teacher works. If a teacher participates in this course, the school district is required to pay a \$1000.00 residency fee during the academic year, to the artist(s) who will be assigned to the school.

Teachers will receive 12 Continuing Professional Education credits for a fee of \$600.00 (payable to NEIU from the teacher). These credits will meet the Act 48 requirements.

Teachers will work with professional artists to plan residency programs, which they are **REQUIRED** to implement during the academic year following the course. A five-day residency is mandatory during the 2009/2010 school year.

**SCHEDULE:** JULY 6TH THROUGH JULY 31, 2009  
 MONDAY THROUGH THURSDAY 9:00 A.M. – 3:00 P.M.  
 FRIDAYS 9:00 A.M. – 1:00 P.M.  
**LOCATION:** VARIOUS LOCATIONS IN DOWNTOWN SCRANTON AND KEYSTONE COLLEGE

*July 31st Final Exhibits/Performance 9:00 a.m.– 10:00 p.m.*

**CPE CREDITS:** TWELVE (12) CREDITS  
 ...TO INCLUDE A 5-DAY MANDATORY RESIDENCY DURING 2009/10 SCHOOL YEAR...

**REGISTRATION:** CALL JESSICA GILHOOLEY AT 876-9335 FOR THE ARTS REGISTRATION FORM AND INFORMATION.  
 TO REGISTER, MAIL THE ARTS REGISTRATION FORM AND A CHECK PAYABLE TO NEIU TO JESSICA GILHOOLEY, NEIU.

**FEE:** \$600  
**INSTRUCTOR:** DR. CATHERINE RICHMOND-CULLEN

**arts ALIVE**

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

### EDTECH LEADERS ONLINE(ETLO) COURSES

PLEASE SUBMIT EMAIL ADDRESS WITH YOUR REGISTRATION.

After you register for an online ETLO Course with NEIU (Karen White) you will receive an email with the ETLO website and a password.

You will need to IMMEDIATELY go to this website and login. On the course starting date or just before, the instructor will be in touch with you via email.

## Participants MUST complete All Course Work by the End Date listed for the course. This includes On-line AND Classroom Classes.

### DEVELOPING ALGEBRAIC THINKING THROUGH PATTERNS

In this course, teachers look at patterns as a way to develop algebraic thinking in their students. They will analyze their students' algebraic thinking now and develop ways to build on that thinking by using patterns and posing questions that encourage the development of algebraic thinking.

*Please include the email address you wish to use with this online class.*

SCHEDULE: JUNE 15 - JULY 24, 2009  
 FEE: \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
 LOCATION/TIME: ON-LINE (ETLO)  
 CPE CREDITS: THREE (3)  
 INSTRUCTORS: NANCY HLAVATY  
 ENROLLMENT: TWENTY (20)

### TEACHING ALGEBRA USING VIRTUAL MANIPULATIVES

This course uses virtual manipulative to get students ready for algebra. Participants learn how to use these manipulatives and other technologies to help students gain proficiency in order to be successful in algebra. Many, many useful websites are included for future classroom use.

*Please include the email address you wish to use with this online class.*

SCHEDULE: JULY 13 - SEPTEMBER 4, 2009  
 FEE: \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
 LOCATION/TIME: ON-LINE (ETLO)  
 CPE CREDITS: THREE (3)  
 FACILITATOR: NANCY HLAVATY  
 ENROLLMENT: TWENTY (20)

### PROPORTIONAL REASONING

In this course, participants study different components and levels of proportional reasoning. They learn questioning techniques that help student understand proportions, and they look at ways that students approach proportion problems. Many useful websites are included for future use.

*Please include the email address you wish to use with this online class.*

SCHEDULE: JULY 27 - SEPTEMBER 4, 2009  
 FEE: \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
 LOCATION/TIME: ON-LINE (ETLO)  
 CPE CREDITS: THREE (3)  
 FACILITATOR: NANCY HLAVATY  
 ENROLLMENT: TWENTY (20)

### PROMOTING READING COMPREHENSION IN THE ELEMENTARY CLASSROOM

In this course, participants will examine teaching practices that help students in grades three through five develop concrete strategies for constructing meaning from both narrative and expository text. The goal is prepare teachers to implement strategy instruction with students to become active and purposeful readers who think about their text before, during and after reading. Participants will also explore instructional procedures that help students learn how to coordinate key comprehension strategies.

*Please include the email address you wish to use with this online class.*

SCHEDULE: JUNE 15 - JULY 24, 2009  
 LOCATION/TIME: ONLINE (ETLO)  
 CPE CREDITS: THREE (3)  
 FEE: \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
 FACILITATOR: ROSANN MOSKEL  
 ENROLLMENT: TWENTY (20)

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

### BEST PRACTICES FOR VOCABULARY INSTRUCTION IN THE MIDDLE SCHOOL CLASSROOM

This course will expand participants' understanding of vocabulary development and instructional techniques that are effective in helping students in grades six through eight expand their vocabularies. Participants will learn how to assess students' vocabulary knowledge and select words from a text that are most useful for instruction, including those with high-frequency Greek and Latin word parts. In addition, participants will have the opportunity to explore online resources for vocabulary development and assess their own current vocabulary teaching strategies. This course is designed to help teachers and other educators learn new ways to extend the vocabularies of middle school students.

*Please include the email address you wish to use with this online class.*

SCHEDULE: JUNE 15 - JULY 24, 2009  
 LOCATION/TIME: ONLINE (ETLO)  
 CPE CREDITS: THREE (3)  
 FEE: \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
 FACILITATOR: ROSANN MOSKEL  
 ENROLLMENT: TWENTY (20)

### USING OBSERVABLE PHENOMENA TO MAKE SENSE OF THE EARTH, MOON AND SUN

During this seven-week course, participants will learn how to use scientific inquiry to foster exploration and understanding of the movements of the earth, moon and sun. This course is written from an inquiry standpoint; therefore, participants will work to construct their own knowledge about natural phenomena (through the use of shadow trackers and moon journals) as they learn how to integrate inquiry strategies into classroom instruction. Specific content knowledge, such as learning the reason for day/night cycles, phases of the moon, and the reasons for seasons, will be integrated into this course. Participants will learn how to facilitate inquiry-based learning in their classroom, from thinking about why inquiry is important to posing questions that promote discovery. Content-rich articles, video clips, and online resources will form the background of the course and asynchronous discussion boards will promote participant interaction, communication, and learning. Participants will be expected to complete and submit a final product by the end of the course.

*Please include the email address you wish to use with this online class.*

SCHEDULES: JULY 1 - AUGUST 19, 2009  
 FEE: \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
 LOCATION/TIME: ON-LINE (ETLO)  
 CPE CREDITS: THREE (3)  
 FACILITATOR: ELAINE PAULISHAK  
 ENROLLMENT: TWENTY (20)

### USING TECHNOLOGY TO SUPPORT RESEARCH AND PRESENTATION

In this 3 credit course, participants will explore technology tools and resources that can support research and presentations across all subject areas at the middle and high school levels. Participants will learn about electronic tools to support brainstorming and concept mapping, locating relevant information resources, organizing and analyzing information, and preparing presentations and reports. By the end of the workshop, participants will have completed a plan that guides students through the research process and includes strategies for integrating technology into each phase of the research process, as well as a rubric for evaluating student presentations. Although this course is valuable and relevant to any content area, it is especially suited to the Inquiry and Design Process of Science content areas.

*Please include the email address you wish to use with this online class.*

OFFERING 1	
SCHEDULE:	JULY 1 - AUGUST 19, 2009
OFFERING 2	
SCHEDULE:	SEPTEMBER 15 - NOVEMBER 3, 2009
FEE:	\$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)
LOCATION/TIME:	ON-LINE (ETLO)
CPE CREDITS:	THREE (3)
FACILITATOR:	ELAINE PAULISHAK
ENROLLMENT:	TWENTY (20)

### USING TECHNOLOGY IN THE ELEMENTARY MATH CLASSROOM

In this course, participants explore new technologies that can be used in elementary math instruction in kindergarten through sixth grade. Teachers review standards and examine ways in which tools, like virtual manipulatives, calculators, online data sources, and applets can support these goals. The course also addresses ways in which technology can support elementary algebra, geometry, number and operation, and data analysis standards. Teachers complete the course with an activity that integrates new technology into instruction in their own classrooms.

SCHEDULE: DECEMBER 7, 2009 – JANUARY 22, 2010

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

**FEE:** \$300.00 (\$285 COURSE REGISTRATION  
+ \$15 ONLINE FEE)  
**LOCATION/TIME:** ONLINE (ETLO)  
**CPE CREDITS:** THREE (3)  
**FACILITATOR:** NANCY HLAVATY  
**ENROLLMENT:** TWENTY (20)

### THE COMPLEXITIES OF MEASUREMENT

This course explores common misconceptions about measurement and provides tools and strategies to help students improve their understanding of this topic. Participants also explore why it's important to study measurement in the upper elementary grades. In the final project, teachers design an activity to promote understanding of measurement that's immediately useful in the classroom.

**SCHEDULE:** AUGUST 3 – SEPTEMBER 18, 2009  
**FEE:** \$300.00 (\$285 COURSE REGISTRATION  
+ \$15 ONLINE FEE)  
**LOCATION/TIME:** ON-LINE (ETLO)  
**CPE CREDITS:** THREE (3)  
**FACILITATOR:** NANCY HLAVATY  
**ENROLLMENT:** TWENTY (20)

### A CONCEPTUAL INTRODUCTION TO FUNCTIONS – USING VISUAL MODELS

This course helps middle and high school teachers learn approaches to teaching functions using visual models. Participants become familiar with strategies to help students develop understanding with tasks that allow students to explore situations of both linear and non-linear functions. Teachers also create classroom tasks to help students make connections between multiple representations of functions. Participants evaluate a variety of applets and conduct an interview with a small group of students about their experiences using an applet. In the final project, teachers design a short activity to explore the concept of function.

**SCHEDULE:** OCT 5, 2009 TO NOV 20, 2009  
**FEE:** \$300.00 (\$285 COURSE REGISTRATION  
+ \$15 ONLINE FEE)  
**LOCATION/TIME:** ON-LINE (ETLO)  
**CPE CREDITS:** THREE (3)  
**FACILITATOR:** NANCY HLAVATY  
**ENROLLMENT:** TWENTY (20)

### GEOMETRIC MEASUREMENT

In this course, designed for middle and high school teachers, participants become familiar with relevant research in teaching geometric measurement and learning how to analyze student work to inform their instruction.

Online approaches to teaching are designed to help participants facilitate student understanding of linear measurement, surface area and perimeter. Relationships between perimeter and area, and between area and surface area, are also explored. Participants become familiar with virtual manipulatives designed to promote understanding of geometric measurement. For the final project, teachers design an activity for use in their own classroom.

**SCHEDULE:** NOV 2, 2009 TO DEC 18, 2009  
**FEE:** \$300.00 (\$285 COURSE REGISTRATION  
+ \$15 ONLINE FEE)  
**LOCATION/TIME:** ON-LINE (ETLO)  
**CPE CREDITS:** THREE (3)  
**FACILITATOR:** NANCY HLAVATY  
**ENROLLMENT:** TWENTY (20)

### ALGEBRAIC THINKING IN THE ELEMENTARY SCHOOL

This course provides elementary teachers with an opportunity to explore how activities that foster algebraic thinking can be integrated into the elementary classroom. Algebraic thinking consists of more than just learning how to solve for the variables  $x$  and  $y$ ; it helps students think about mathematics at an abstract level, and provides them with ways to reason about real-life problems. Participants explore 3 components of algebraic thinking: making generalizations; thinking about the equals sign; and being able to reason about unknown quantities. They also spend time thinking about how to integrate algebraic tasks into their own classroom instruction. The course uses readings, video, online discussion boards, a final project, and engaging mathematics problems to promote the idea that the incorporation of algebraic thinking tasks in elementary school mathematics is critical to students' future success.

**SCHEDULE:** SEPT 7, 2009 TO OCT 23, 2009  
**FEE:** \$300.00 (\$285 COURSE REGISTRATION  
+ \$15 ONLINE FEE)  
**LOCATION/TIME:** ON-LINE (ETLO)  
**CPE CREDITS:** THREE (3)  
**FACILITATOR:** NANCY HLAVATY  
**ENROLLMENT:** TWENTY (20)

### IMPROVING READING AND WRITING IN THE CONTENT AREAS

In this three-credit course, participants will use the Literacy Matters web site as an anchor throughout this online course for exploring instructional strategies. By the end of the course, participants will be able to locate web-based tools, strategies, and lessons that foster literacy

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

skills in all content areas. They will also have developed a preliminary lesson plan incorporating these tools and strategies.

*Please include the email address you wish to use with this online class.*

SCHEDULE: SEPTEMBER 15 - NOVEMBER 3, 2009  
 FEE: \$300.00 (\$285 COURSE REGISTRATION  
 + \$15 ONLINE FEE)  
 LOCATION/TIME: ON-LINE (ETLO)  
 CPE CREDITS: THREE (3)  
 FACILITATOR: ELAINE PAULISHAK  
 ENROLLMENT: TWENTY (20)

enhanced lesson plan, and collect a number of resources for immediate classroom use.

*Please include the email address you wish to use with this online class.*

SCHEDULE: SEPTEMBER 21 – OCTOBER 26, 2009  
 LOCATION/TIME: ON-LINE (ETLO)  
 CPE CREDITS: THREE (3)  
 FEE: \$300.00 (\$285 COURSE REGISTRATION  
 + \$15 ONLINE FEE)  
 FACILITATOR: MAURA FARR  
 ENROLLMENT: TWENTY (20)

### SCIENCE 2.0: USING WEB TOOLS TO PROMOTE INQUIRY-BASED SCIENCE

In this course, participants will explore the use of online data sources to enhance inquiry-based teaching and learning in the science curriculum. The National Weather Service and NASA are just two of the organizations now providing K-12 educators with both historical and real-time data from around the world. By using the Internet as a link to the data, students can participate in building meaningful models that will assist them in gaining a better grasp of both local and worldwide science issues. In many cases, students become part of a worldwide network of investigators by adding their local findings to a larger database.

*Please include the email address you wish to use with this online class.*

OFFERING 1	
SCHEDULE:	JULY 1 - AUGUST 19, 2009
OFFERING 2	
SCHEDULE:	SEPTEMBER 15 - NOVEMBER 3, 2009
FEE:	\$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)
LOCATION/TIME:	ON-LINE (ETLO)
CPE CREDITS:	THREE (3)
FACILITATOR:	ELAINE PAULISHAK
ENROLLMENT:	TWENTY (20)

### DIFFERENTIATING INSTRUCTION TO ACCOMMODATE ALL LEARNERS

Every classroom is made up of individuals with diverse strengths, backgrounds, and approaches to learning. Understanding and responding to students' individual learning styles and needs can be a challenge for teachers. The World Wide Web contains a vast number of resources to assist teachers both in understanding the differences in their students' learning styles and in differentiating their instruction accordingly. Participants in this course, Differentiating Instruction to Accommodate Learning Styles, will be introduced to learning theory related to learning styles and multiple intelligences, as well as web-based resources to assist teachers in both identifying students' learning styles and intelligences and engaging students in activities which best suit those styles and intelligences. Participants will become familiar with teaching strategies and tools targeted for each learning style and intelligence and develop a preliminary lesson plan using those strategies and tools.

*Please include the email address you wish to use with this online class.*

OFFERING 1 - FILLED	
SCHEDULE:	JUNE 14 - JULY 19, 2009
OFFERING 2 - OPEN	
SCHEDULE:	OCT 19, 2009 – NOV 23, 2009
FEE:	\$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)
LOCATION/TIME:	ONLINE (ETLO)
CPE CREDITS:	THREE (3)
FACILITATOR:	MAURA FARR
ENROLLMENT:	TWENTY (20)

### SUPPORTING LITERACY DEVELOPMENT IN LOWER ELEMENTARY CLASSROOMS

In this workshop, participants will explore how technology can support emerging literacy development in kindergarten through second grade. Participants will investigate tools that can help build phonemic awareness and word recognition. Participants will also explore strategies for integrating reading and writing with meaningful project-based activities, and learn about software tools for publishing student work and creating class books.

Participants will develop ideas for a technology-

### IMPROVING COMPREHENSION FOR STRUGGLING READERS

This course focuses specifically on supporting the academic development of students who are competent decoders but struggle to understand the meaning of what they read. Participants will explore the different

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

types of comprehension difficulties students may face and will introduce a number of research-based strategies to improve comprehension skills. Instructional strategies will focus on building vocabulary skills, using teacher modeling, having students work collaboratively, and building comprehension-monitoring skills. As a final project, participants will design and implement a lesson plan focused on improving students' reading comprehension.

*Please include the email address you wish to use with this online class.*

<b>1ST OFFERING - FILLED</b>	
<b>SCHEDULE:</b>	<b>JUNE 22- JULY 29, 2009</b>
<b>2ND OFFERING - OPEN</b>	
<b>SCHEDULE:</b>	<b>OCTOBER 5- NOVEMBER 20, 2009</b>
<b>FEE:</b>	<b>\$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)</b>
<b>LOCATION/TIME:</b>	<b>ON-LINE (ETLO)</b>
<b>CPE CREDITS:</b>	<b>THREE (3)</b>
<b>FACILITATOR:</b>	<b>DANIELLE PELLEGRINO</b>
<b>ENROLLMENT:</b>	<b>TWENTY (20)</b>

### TEACHING WRITING IN THE MIDDLE SCHOOL CLASSROOM

In today's middle school writing classroom, the pressures to achieve state and national standards are overwhelming for students and teachers alike. Many classrooms focus so completely on writing the perfect essay that the fun of writing wanes. In this workshop, participants will examine two common essay types-informative and persuasive-as they are approached in several non-traditional ways. To complement these alternative ways of teaching these two essay types, this workshop will also re-examine the writing process, writing motivation for teachers and students, and formative evaluation methods for writing progress. The end result of this work is a final lesson plan for an informative or persuasive essay that utilizes a creative approach in its instruction. It is the overall goal of this workshop to rekindle motivation and creativity in middle school writing instruction to help teachers and students have some fun on their journey toward the perfect essay.

*Please include the email address you wish to use with this online class.*

<b>OFFERING 1</b>	
<b>SCHEDULE:</b>	<b>JUNE 14 - JULY 19, 2009</b>
<b>OFFERING 2</b>	
<b>SCHEDULE:</b>	<b>SEPTEMBER 21 - OCTOBER 26, 2009</b>
<b>FEE:</b>	<b>\$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)</b>
<b>LOCATION/TIME:</b>	<b>ON-LINE (ETLO)</b>
<b>CPE CREDITS:</b>	<b>THREE (3)</b>
<b>FACILITATOR:</b>	<b>IAN FARR</b>
<b>ENROLLMENT:</b>	<b>TWENTY (20)</b>

### EFFECTIVE SKILLS FOR FINDING THE BEST EDUCATIONAL RESOURCES ON THE WEB

The World Wide Web provides rich resources for educators, but they are useful only if educators know what resources are there and how to find them. Participants in this course will explore the range of educational material available on the Internet and learn time-saving skills to search the Web more effectively for useful curricular resources. Participants will become familiar with popular search engines and subject directories and will learn techniques to use each one appropriately and efficiently. The course will also examine the importance of critical evaluation of web resources and consider how to develop evaluation skills in the classroom. Participants will leave the course with a collection of web resources appropriate for their own classroom use.

The World Wide Web provides a lot of resources for educators, but they are useful only if educators know what resources are there and how to find them. Participants will explore educational material on the Internet and learn time-saving skills to search the Web more effectively. Participants will become familiar with popular search engines and subject directories and will learn techniques to use each one appropriately and efficiently. The course will also examine the importance of critical evaluation of web resources and consider how to develop evaluation skills in the classroom.

*Please include the email address you wish to use with this online class.*

<b>OFFERING 1</b>	
<b>SCHEDULE:</b>	<b>JUNE 14 - JULY 19, 2009</b>
<b>OFFERING 2</b>	
<b>SCHEDULE:</b>	<b>OCTOBER 19 - NOVEMBER 23, 2009</b>
<b>FEE:</b>	<b>\$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)</b>
<b>LOCATION/TIME:</b>	<b>ON-LINE (ETLO)</b>
<b>CPE CREDITS:</b>	<b>THREE (3)</b>
<b>FACILITATOR:</b>	<b>IAN FARR</b>
<b>ENROLLMENT:</b>	<b>TWENTY (20)</b>

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

### CLASSROOM ASSESSMENT ENHANCED BY TECHNOLOGY

This workshop introduces participants to numerous ways that technology can support classroom assessment. Classroom assessment at its best can be a powerful catalyst for informing instruction and improving learning. Participants will explore a range of online tools and resources for finding, designing, and incorporating effective classroom assessments into their daily teaching practices.

Participants will review notions of formative and performance assessment, backwards design, and various online tools for designing quizzes, rubrics, and electronic portfolios. Throughout the workshop, participants will focus on an existing curriculum unit and reshape it using the new tools and ideas about assessment explored in these 6 sessions.

**SCHEDULE:** JULY 13 – AUGUST 12, 2009  
**FEE:** \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
**LOCATION/TIME:** ONLINE (ETLO)  
**CPE CREDITS:** THREE (3)  
**FACILITATOR:** DORI SABATELLI  
**ENROLLMENT:** TWENTY (20)

### SPECIAL STUDENTS IN REGULAR CLASSROOMS: TECHNOLOGY, TEACHING AND UNIVERSAL DESIGN

This workshop, co-developed by EDC and CAST (Center for Applied Special Technologies), provides an introduction to the concept of Universal Design for Learning (UDL), and strategies for implementing a UDL approach in instructional settings. Universal Design for Learning is a new approach to teaching and learning and the development of curriculum and assessment that draws on current brain research and new media technologies to respond to individual differences. UDL curricula, teaching practices, and policies are inherently flexible and therefore may reduce the demand on educators to develop and implement modifications and accommodations to meet individual differences within general education learning environments. The basic premise of UDL is that a curriculum should include alternatives to make it accessible and applicable to students, teachers, and parents with different backgrounds, learning styles, abilities, and disabilities in widely varied learning contexts.

This workshop is designed to acquaint students with UDL principles, and provide practical, hands-on experience using software tools and digital media for learning support. Students will explore how these tools can be incorporated into their classroom practice, and

begin preliminary steps to design a curriculum unit that utilizes these tools.

**SCHEDULE:** JULY 13 – AUGUST 12, 2009  
**FEE:** \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
**LOCATION/TIME:** ONLINE (ETLO)  
**CPE CREDITS:** THREE (3)  
**FACILITATOR:** DORI SABATELLI  
**ENROLLMENT:** TWENTY (20)

### SUPPORTING LITERACY DEVELOPMENT IN UPPER ELEMENTARY CLASSROOMS

In this three-credit course, participants will learn about technologies that can be used to strengthen teaching and learning in many aspects of literacy development in upper elementary classrooms. The content covered includes many ways to use technology to support a variety of approaches to developing students' literacy, including developing vocabulary, framing ideas for writing, promoting critical research skills, facilitating revision processes and teacher and peer editing, and publishing final products. During this course, participants will develop a technology-enhanced lesson that addresses national and local literacy standards. To support this lesson development process, participants will examine a sample lesson plan that incorporates several ways technology can support reading and writing across the curriculum. Participants will also discuss strategies for the ongoing assessment of students' literacy development.

**SCHEDULE:** JULY 13 – AUGUST 12, 2009  
**FEE:** \$300.00 (\$285 COURSE REGISTRATION + \$15 ONLINE FEE)  
**LOCATION/TIME:** ONLINE (ETLO)  
**CPE CREDITS:** THREE (3)  
**FACILITATOR:** DORI SABATELLI  
**ENROLLMENT:** TWENTY (20)

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

### ESL Courses - English As Second Language

#### REQUIRED COURSES FOR ESL PROGRAM CERTIFICATION

Please contact Karen White with any questions or concerns at [kwhite@iu19.org](mailto:kwhite@iu19.org) or 876-9240.

*-Please submit email address with your registration-*

- Directions to the CTC of Lackawanna County -

Take I-81 to the Main Ave Exit (exit 190), turn left onto Main Avenue, go past Schiffs and Johnson College; turn right onto Greenbush Street (about 2 or 3 blocks past Schiffs), continue up Greenbush Street and that will take you to Rockwell Avenue, turn right and go up the hill until you see the Career Technology Center.

### LANGUAGE ACQUISITION (ENGLISH USAGE AND DEVELOPING LINGUISTIC AWARENESS)

This course is designed for teachers of English Language Learners. Educators taking this course will develop knowledge and skills in the areas of structure of the English language, grammar, and pronunciation, including lexical, morphological, syntax, phonological and pragmatic components. They will develop knowledge of the process of first and second language acquisition, including developmental issues in verbal, non-verbal skills, and vocabulary. They will also develop knowledge and skills to assist ELLs to communicate using verbal and non-verbal language. They will develop knowledge of the process of literacy development for second language learners and strategies to assist ELLs in the different stages of second language usage. Required text: "Making It Happen". (Same book used in Instructional Materials I & II)

**SCHEDULE:** JUNE 18, 19, 22, 23, 24, 25, 26, 2009  
**TIME:** 8:00 A.M. - 3:00 P.M.  
**LOCATION:** CTC OF LACKAWANNA COUNTY  
**CPE CREDITS:** THREE (3)  
**FEE:** \$340.00 (\$285.00 + BOOK \$55)  
**INSTRUCTOR:** KRISTEN PETRUCCI  
**ENROLLMENT:** (25) TWENTY-FIVE

### DEVELOPING CULTURAL AWARENESS/ SENSITIVITY

This course explores the behaviors, beliefs and attitudes that are necessary for a multicultural approach to learning. Participants will move from a basic level of cultural awareness to a deep understanding and sensitivity. Participants will develop the cultural competence necessary to overcome language and cultural barriers when working with ELLs. (Book cost is included in the fee "Understanding Your International Students...")

**SCHEDULE:** JULY 20, 21, 22, 23, 24, 27, 28, 29, 20, 31, 2009  
**TIME:** 8:00 A.M. - 12:30 P.M.  
**LOCATION:** CTC OF LACKAWANNA COUNTY

**CPE CREDITS:** THREE (3)  
**FEE:** \$318.00 (\$285 + BOOK \$33)  
**INSTRUCTOR:** NATALIE LUCKE  
**ENROLLMENT:** (25) TWENTY-FIVE

### ASSESSMENT AND SUPPORT FOR ENGLISH LANGUAGE LEARNERS

This is a 45-hour course designed to provide specific knowledge specified by the Pennsylvania Department of Instruction in its requirements for ESL training. Specifically, the course will address part three: English Language Learners (ELLs) Language & Support Services Knowledge. It is designed to expand participants' knowledge of effective assessment practices and support services available for ELL students. In addition to effective assessment practices, purposes for assessment, multiple assessment models, use of evaluation techniques, scaffolding of assessments, and formal/informal assessment tools will be discussed. Participants will learn the availability of school support services to assist ELLs in language acquisition and content learning and ways to promote parental/family involvement with their children's educational program. Participants will gain hands-on experience in test administration, interpretation, and reporting. Individualized Education Plans for ELLs identified as special education students will also be discussed. Required text: "Authentic Assessment for English Language Learners".

**SCHEDULE:** AUGUST 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 2009  
**TIME:** 8:00 A.M. - 12:30 P.M..  
**LOCATION:** CTC OF LACKAWANNA COUNTY  
**CPE CREDITS:** THREE (3)  
**FEE:** \$326.00 (\$285.00 + BOOK \$41)  
**INSTRUCTOR:** NATALIE LUCKE  
**ENROLLMENT:** (25) TWENTY-FIVE

❖ *CPE GRADUATE COURSES FOR CREDIT* ❖

## INSTRUCTION MATERIALS I & II - PROGRAM DESIGN AND MATERIAL & STRATEGIES FOR ENGLISH LANGUAGE LEARNERS

Part 1 is designed for teachers of English Language Learners. Because ELL students come to us with a variety of backgrounds and at diverse levels of language acquisition, it is important for ESL teachers to have the knowledge and skills necessary to create and implement a developmentally appropriate curricular program for all students. Upon completion of this course, teachers will be expected to be able to: design and implement an ESL program tailored to meet the needs of each student. Participants will be able to identify appropriate materials and resources to be used with children at each level of English Proficiency.

This course will enable teachers to assist ELLs in the process of acquiring English and cognitive academic language skills, select and design teaching resources for ELLs according to their language proficiency, native language development and literacy development, and develop, implement, and evaluate a variety of curricular and instructional activities for diverse ELLs. Additionally, teachers completing this course will be able to accomplish the following: 1. Identify the qualities of a standards based instructional program; 2. Define BICS (Basic interpersonal communication skills or conversational language); 3. Define CALP (Cognitive Academic Language Proficiency or academic language); 4. Recognize that students who understand spoken English may not be able to comprehend content area or academic instruction; 5. Identify and design resources that address individual needs of students; 6. Evaluate resources to determine appropriateness of their use; 7. Align classroom instruction to the state standards in Reading, Writing, Listening, and Speaking; 8. Align classroom instruction to the national TESOL (Teachers of English to Students of Other Languages) Standards; and 9. Utilize the resources available in the PAELL Kits. Required text: "Making It Happen". (Same book used in Language Acquisition)

Part 2 requires a demonstration of knowledge of the fundamental concepts and practices of ESL instruction, with emphasis on instructional materials and strategies. This course will address the following competency areas: Knowledge of methods, strategies, research, and resources that address the educational needs of ELLs in their learning process, including the use of computer technology (6 hours in-class).

Discuss and model best practice for English language acquisition. Increase the relevance of technology through

the integration and use of internet and software based resources. Expose participants to technology resources (internet based, software, cultural diversity) for English language acquisition. Select and design teacher resources for ELLs based on individual student learning styles and language proficiency (4 hours out-of-class). Research and evaluate technology resources (both internet and software) that assist in English language acquisition. (2 hour out-of-class)

Required text: "Making It Happen". (Same book used in Language Acquisition)

**SCHEDULE:** SEPTEMBER 17, 24; OCTOBER 1, 8, 15,  
22, 29; NOVEMBER 5, 12, 19, 2009  
**TIME:** 4:15 P.M. - 8:45 P.M.  
**INSTRUCTOR:** KRISTEN PETRUCCI  
**LOCATION:** CTC OF LACKAWANNA COUNTY  
**FEE:** \$340.00 (\$285 + BOOK \$55)  
**CPE CREDIT:** THREE (3)  
**ENROLLMENT:** TWENTY-FIVE (25)



❖ *CPE GRADUATE COURSES FOR CREDIT* ❖

**ER & D PROGRAM OFFERINGS**  
**2009-2010 SCHEDULES FOR THE ER & D COURSES WILL BE POSTED IN**  
**MAY 2009 CPE BROCHURE.**

*Check the NEIU homepage - CPE Credits [www.iu19.org](http://www.iu19.org)*

**FOUNDATIONS 1: ORGANIZING THE CLASSROOM ENVIRONMENT FOR TEACHING AND LEARNING**

This course has been identified by ER&D participants over the years as critical to successful classroom practice. It presents participants with proven practices from research on classroom management, effective classroom and group management; effective use of learning time; questioning and feedback skills; homework assignments; and interactive direct instruction strategies. The connection between standards-based education initiatives and improved student achievement will be explored. (Implementation Required)

**SCHEDULE:** FEBRUARY 1, 3, 17, 22, 24; MARCH 1, 3, 8, 10, 15, 2010

**TIME:** 3:30 P.M. - 6:30 P.M.

**LOCATION:** SOUTH SCR INTERMEDIATE SCHOOL RM 113

**INSTRUCTOR:** TBA

**FEE:** \$285.00

**CPE CREDIT:** THREE (3)

**ENROLLMENT:** TWENTY (20)

**SCRANTON TEACHERS HAVE 1<sup>ST</sup> PREFERENCE FOR ER&D COURSE**

**FOUNDATIONS 2: BUILDING ACADEMIC SUCCESS/DELIVERING EFFECTIVE INSTRUCTION**

This course presents additional foundational aspects of effective teaching. It is designed to provide more in-depth training in complex research-based concepts and strategies, e.g. developing cognitive coaching and scaffolding skills, planning and implementing both simple and complex cooperative small group activities, developing positive social influences, effective communication practices in the classroom, and learning how to use case studies and educational literature to enhance professional development sessions. (prerequisite is Foundations 1 - Implementation Required)

**SCHEDULE:** FEBRUARY 23, 25; MARCH 2, 4, 9, 11, 16, 18, 23, 25, 2010

**TIME:** 3:30 P.M. - 6:30 P.M.

**LOCATION:** SOUTH SCR INTERMEDIATE SCHOOL RM 113

**INSTRUCTOR:** LOUISE KURPIS

**FEE:** \$285.00

**CPE CREDIT:** THREE (3)

**ENROLLMENT:** TWENTY (20)

**SCRANTON TEACHERS HAVE 1<sup>ST</sup> PREFERENCE FOR ER&D COURSE**

**INSTRUCTIONAL STRATEGIES THAT WORK**

This course provides practical applications of instructional strategies that are outlined in the research base on effective instruction and have been proven to support student learning. At the center of this course are cognitive strategies that foster critical thinking and the transferability of skills learned. Course participants will learn how to evaluate curriculum materials for any content area, organize content for learning, and develop or evaluate scoring guides for student tasks. These strategies can be applied in K-12 settings.

**SCHEDULE:** JANUARY 19, 21, 26, 28; FEBRUARY 2, 4, 9, 11, 16, 18, 2010

**TIME:** 3:30 P.M. - 6:30 P.M.

**LOCATION:** SOUTH SCR INTERMEDIATE SCHOOL RM 113

**INSTRUCTOR:** ANN GREBECK

**FEE:** \$190.00

**CPE CREDIT:** TWO (2)

**ENROLLMENT:** TWENTY (20)

**SCRANTON TEACHERS HAVE 1<sup>ST</sup> PREFERENCE FOR ER&D COURSE**

❖ *CPE GRADUATE COURSES FOR CREDIT* ❖

### MANAGING ANTI-SOCIAL BEHAVIOR

The anti-social actions of a small but powerful number of students in school not only put their own academic success at risk but threatens the learning environment for everyone. This course presents research on emotional and behavioral problems of students who consistently act out. Participants will learn strategies to reduce and/or prevent the occurrence of disruptive or dangerous outbreaks.

SCHEDULE: SEPTEMBER 22, 24, 29; OCTOBER 1, 6, 8, 20, 22, 27, 29, 2009

TIME: 3:30 P.M. - 6:30 P.M.

LOCATION: SOUTH SCR INTERMEDIATE SCHOOL RM 113

INSTRUCTOR: HOLLY MEADE & NANCY CANGEMI

FEE: \$190.00

CPE CREDIT: TWO (2)

ENROLLMENT: TWENTY (20)

**SCRANTON TEACHERS HAVE 1<sup>ST</sup> PREFERENCE FOR ER&D COURSE**

### THINKING MATHEMATICS: VOLUME 1

This course focuses on research about how children learn mathematics and how these findings can be applied in the classroom. Ten Principles capture practices that lead to a better understanding of math for all students and are applicable at all levels. In this course, they are exemplified through the research on counting, addition and subtraction. The course takes a broader look at the importance of patterns and relationships throughout math, addresses the kind of questioning that promotes thinking in math class, and provides a framework for thinking about curriculum and lessons.

SCHEDULE: SEPTEMBER 21, 23, 28, 30; OCTOBER 5, 7, 19, 21, 26, 28; NOVEMBER 2, 4, 9, 16, 2009

TIME: 3:30 P.M. - 6:30 P.M.

LOCATION: SOUTH SCR INTERMEDIATE SCHOOL RM 113

INSTRUCTOR: TBA

FEE: \$285.00

CPE CREDIT: THREE (3)

ENROLLMENT: TWENTY (20)

**SCRANTON TEACHERS HAVE 1<sup>ST</sup> PREFERENCE FOR ER&D COURSE**

### THINKING MATHEMATICS: VOLUME 2

This course presents research-based strategies for teaching and learning multiplication, division and beginning proportional reasoning. Teachers can see how children in the earliest grades can build a foundation of understanding as they begin to deal with problems that are typically reserved for later years. Teachers of older students learn how to promote understanding of basic mathematical properties and laws that used as students study algebra.

SCHEDULE: NOVEMBER 3, 5, 10, 12, 17, 19; DECEMBER 8, 10, 15, 17, 2009; JANUARY 5, 7, 12, 14, 2010

TIME: 3:30 P.M. - 6:30 P.M.

LOCATION: SOUTH SCR INTERMEDIATE SCHOOL RM 113

INSTRUCTOR: ANN NICASTRO & KATHY MCINTYRE

FEE: \$285.00

CPE CREDIT: THREE (3)

ENROLLMENT: TWENTY (20)

**SCRANTON TEACHERS HAVE 1<sup>ST</sup> PREFERENCE FOR ER&D COURSE**

## ❖ CPE GRADUATE COURSES FOR CREDIT ❖

### Keystone College Environmental Education Institute (Kceel)

#### TO REGISTER

**For any of the Kceel courses, please register on-line at <http://kceei.keystone.edu>** Once on the homepage click on 2009 workshops, scroll down to the course you wish to sign-up for and click on pre-register now.

Please complete the information on-line, *print the confirmation page that is displayed after you submit this form, and mail it to the address printed on the confirmation page along with a \$100 registration fee.* This pre-registration form does not officially hold your seat for the workshop; official registration will occur once the commitment fee is received. The balance is due two months prior to the start of each course.

If you registered for CPE or Wilkes credit, you will receive more information once your registration is received. Cancellations must be made two weeks prior to the start of the course for a full refund. Failure to attend the course will result in a forfeiture of your fee.

**Please note, the \$100 fee WILL NOT be refunded upon completion of the course as in past years.**

#### MAKE CHECK (\$100) PAYABLE TO KEYSTONE COLLEGE/KCEEL.

Participants, note that this \$100 check is to be mailed to Keystone College, Kceel 2009, One College Green, LaPlume, PA 18440. Also, note on the check, which course you are registering for.

#### WATERSHED EXPLORERS (3 CREDITS)

*Grades K-6 June 21-26, 2009*

Watersheds are among the most basic units of natural organization in landscapes. Consequently, processes or activities occurring in one portion of the watershed will directly impact downstream areas (land or water). Given the essential role of water, the management practices will, in one form or another, affect every organism living in the watershed. This hands-on, science-based course will explore watershed concepts and the interdisciplinary nature of environmental issues.

Key topics will include: human impact on the watershed; water movement in the forest; applied stream ecology; water quality monitoring; groundwater; watershed strategies; global water issues; case study - Glenburn Pond; lake ecology; wetlands; and teaching tools and strategies.

#### FORESTS AND SOCIETY (3 CREDITS)

*Grades 7-12 July 12-17, 2009*

Forest Stewardship challenges us to look at how our personal needs can be met and ensures renewable resources will be available to future generations through proper management. Stewardship is concerned with all components of the forest, living and non-living. This hands-on, science-based course will explore the concepts of forest stewardship, providing an understanding of the importance of forest literacy in education.

Topics include: tools of forestry/forest inventory; national and Pennsylvania forest resources; conservation history; forest products; tree identification; forest challenges; pests; white-tailed deer; invasive species; forested watersheds and riparian buffers; urban forestry; and forest sustainability.

MORE KCEEL COURSES ➔

**❖ CPE GRADUATE COURSES FOR CREDIT ❖****FLORA AND FAUNA OF PENNSYLVANIA (3 CREDITS)**

*Grades K-12 July 19-24, 2009*

What bird was that? What frog is croaking? Is that critter dangerous?

Knowing the wild world around you is the first step towards understanding nature and sharing it with your students. Teachers who are comfortable with the outdoors easily transfer their enthusiasm and knowledge to their students. This hands-on field and lab course will prepare you to identify the common plants and animals to be expected in NEPA. This course will offer an intensive study of the interrelationships, behaviors, and adaptations allowing for the biological success of plants and animals. Through the combination of laboratory investigations, field studies, class discussions, and reading assignments participants will gain an understanding of how living things adapt and adjust to maintain themselves as they balance the influences of nature and man.

Topics may include birds (including banding), mammals, insects, amphibians, flowering plants, 'lower' plants, mushrooms, and aquatic organisms. Brief introductions will blend into extensive time in the field. Collecting, photographing, preparing, and curating specimens will be demonstrated.

**CLIMATE CHANGE AND THE ENERGY CHALLENGE (3 CREDITS)**

*Grades 7-12 July 26-31, 2009*

Climate change and alternative energy are increasingly prevalent topics in today's society. We are constantly bombarded with information about global warming and the consumption of non-renewable resources. The threat is real; however, separating facts from assumptions is a daunting task. This course will focus on the science behind climate change and explore ways we can reduce our carbon footprint through the use of alternative energy sources.

This course will engage participants to understand the natural trends in climate change over geologic history; investigate the parameters and assumptions involved in climate prediction; explore alternative energy sources; and outline energy conservation practices that can be used in your schools.

Field experiences will include site visits to the following facilities: wind turbine, hydro-electric, geothermal and biomass.

❖ *CPE REGISTRATION FORM* ❖  
**ONE COURSE PER REGISTRATION**

Return Registration and Check to:  
Karen White  
NEIU  
1200 LINE STREET • ARCHBALD, PA 18403  
(570) 876-9240  
Email: [kwhite@iu19.org](mailto:kwhite@iu19.org)

**TO OBTAIN YOUR PROFESSIONAL PERSONNEL ID#:**

- Log on to [www.pde.state.pa.us](http://www.pde.state.pa.us)
- On the left hand side of the PDE homepage, click on "Act 48 Reporting System"
- Enter your name, social security number and birthdate, then click on "Get Your Professional Personnel ID".
- You will need to keep a record of this number for future reference.
- When completing paperwork for Act 48 hours or CPE credits please use your new ID#

**Payment MUST be SENT with REGISTRATION FORM!!!  
For any On-line Course - Please Clearly Print your E-mail Address**

NAME \_\_\_\_\_

SS# \_\_\_\_\_ PROFESSIONAL PERSONNEL ID# \_\_\_\_\_

HOME ADDRESS  (*check if change of address*) \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

HOME TELEPHONE \_\_\_\_\_ WORK PHONE \_\_\_\_\_

EMPLOYED BY \_\_\_\_\_ POSITION \_\_\_\_\_

SCHOOL(s) IN WHICH YOU WORK \_\_\_\_\_

SUBJECT AREA(s) \_\_\_\_\_ GRADES \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

**Do you have a Pennsylvania Teaching Certificate?**

(please circle one)

Yes      No

PAYMENT AMOUNT \$ \_\_\_\_\_ CHECK # \_\_\_\_\_

Make checks payable to NEIU unless specified otherwise. **Payment is due with registration.**  
Know your district/employer tuition reimbursement policy. Make a copy of your check and registration form for reimbursement from your district. Some courses have additional materials/books fees.

**Please send one check for each course registration. Payment is Due with Registration.**

COURSE TITLE \_\_\_\_\_

COURSE DATES \_\_\_\_\_

COURSE TIMES \_\_\_\_\_ COURSE SITE \_\_\_\_\_



**KAREN WHITE**  
**NEIU**

1200 Line Street • Archbald • PA 18403

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