Keeping Current with Educational Trends

Summer Semester 2016

STEM - Science Technology Engineering Mathematics: The participants will learn why and how STEM is important in today’s educational setting. Participants will participate in meaningful, inquiry-based, hands-on activities and lessons that emphasize the best practices of STEM. Participants will use the 4C’s of STEM (collaboration, critical thinking, creativity, and communication) to create a STEM lesson/unit. Then, participants will provide substantive feedback to their colleagues to improve these STEM lessons/units. 1 graduate credit hour • Saturdays • May 7 & 14, 2016 • 9:00 am – 4:00 pm • $234.00 • Instructor: Jenni Domo

Putting Data to Use in the Classroom: In education today, educators have access to various types of data. Most school districts are not data poor, but instead have so much data that educators can easily become overwhelmed by how to utilize data effectively in their classrooms. Unfortunately, out of frustration, data sometimes gets pushed to the side. This course is designed to provide participants with varying methods for using data in their classrooms. Participants will learn how to evaluate data for its usefulness in order to prioritize which data should be utilized. In addition, participants will learn easy-to-implement methods for tracking data and basing instruction on data-driven decisions. This course is designed to be interactive and hands-on in that participants will work collaboratively to analyze data and develop plans for how it can be used in the classroom. Varying student and class scenarios, spanning grade levels and subject areas will be utilized. Participants will learn about various assessment tools that can be utilized in their classrooms, as well as, how they can use data to inform decisions on handling student behavior. Upon completion of the course, participants will be able to evaluate and utilize both classroom data and individual student data effectively to increase student achievement and to positively affect student behavior. 1 graduate credit hour • Saturdays • May 21 & June 4, 2016 • 8:00 am – 12:00 pm • $234.00 • Instructor: Quincey Gray

Effective Classroom Management: This course is designed to provide participants with effective classroom management strategies. Instruction will focus on the management of both the whole classroom, while also incorporating strategies that can be utilized in managing behaviors of individual students. Various strategies will be reviewed with an overall integration of Positive Behavioral Intervention and Supports (PBIS). As part of the process of learning about and applying various strategies, participants will gain an understanding of how to assess the effectiveness of management strategies through data collection and observations. This course is designed to be interactive and hands-on in that students will work collaboratively to analyze the practice of effective strategies to determine appropriate implementation plans for both whole group and individual student scenarios. Participants will be able to analyze all components involved in effective classroom management including: physical layout/student location, communication/practice of expectations and procedures, providing positive reinforcement/appropriate consequences, and the educator reflection process. In addition, participants will be provided the opportunity to constructively critique the work of the other participants, allowing for positive open dialogue that will lead to the sharing of ideas on strategy implementation in the classroom. Varying student scenarios will be utilized, as well as, a variety of strategies making this an appropriate course for educators of all grades and subject levels. 1 graduate credit hour • Saturdays • May 21 & June 4, 2016 • 1:00 – 5:00 pm • $234.00 • Instructor: Quincey Gray

Archeology Workshop for Teachers: Hopewell Culture National Historical Park will host this workshop on Ohio prehistory and the methods and theories of archeology. This workshop is designed specifically for teachers and combines classroom lectures, readings, field trips, archeological fieldwork, laboratory work, and hands-on learning activities. The workshop will give teachers the firm foundation they need to effectively teach students about the science of archeology and the prehistory of Ohio. The workshop will center on archaeological field investigations at the Mound City Group, a mound and earthwork complex built nearly 2,000 years ago by Native American Indians of the Hopewell culture. Teachers will participate in an archaeological research project intended to shed light on the nature and extent of Hopewell activities conducted just outside the earthwork complex. This fieldwork will consist of mapping the area with a transit, geophysical remote sensing, conducting small subsurface tests, and feature excavation. Field instruction on archeological techniques and methods will be provided by the team of National Park Service staff. Additional National Park Service staff will work with teachers daily to demonstrate how to teach about archaeology and prehistory to all grade levels. 2 graduate credit hours • Monday - Friday, June 6 - 10, 2016 • 8:30 am – 4:00 pm • $272.00 • Instructor: Dr. Bret Ruby • To register call Dr. Bret Ruby, Melinda Repko or Susan Knisley at 740-774-1126
Forestry on Ohio’s Public Lands: Teacher Field Days: This year’s program will be held at the Vinton Furnace State Forest, southeast of McArthur, Ohio (Vinton County). On day one, the focus of the program will be “The Bad Guys Hiding in the Woods: Invasive species and how they are impacting Ohio’s woodland resources.” The afternoon is highlighted by a tour. On day two, the focus will be Project Learning Tree. In order to receive graduate credit, you must attend both days. 1 graduate credit hour • Tuesday & Wednesday, June 7 & 8, 2016 • 9:00 am – 4:30 pm • $136.00 • Instructor: Susan Wintering • To register call Greg Smith at 740-774-1596 ext. 106

Factual Prose: Incorporating Non-Imaginative Essays into the Reading and Writing Curriculum: The goal of this workshop is to better inform middle and high school teachers of any core subject area how to incorporate factual prose (informative literature) into their curriculum to inherently improve both the reading and writing skills of their students. Too often, imaginative literature overshadows important literary models found in classical essays written in traditional rhetorical patterns. Once teachers renew their familiarity with this genre of writing (or obtain a new mastery of it), they can pass this knowledge to their students, incorporating it into their curriculum at each grade level. 1 graduate credit hour • Tuesdays • June 14 & 21, 2016 • 9:00 am – 4:00 pm • $234.00 • Instructor: Elizabeth Wilson-Mason

Teaching Student-Centered Mathematics-Developmentally Appropriate Instruction: The participants will learn how to establish a student-centered environment for teaching mathematics for understanding. Participants will learn to teach mathematics through problem solving and assessing mathematics through formative instructional practices. Participants will learn to differentiate instruction as well as assessing student work that supports their learning. 1 graduate credit hour • Monday & Wednesday • June 20 & 22, 2016 • 9:00 am – 4:00 pm • $234.00 • Instructor: Jenni Domo

Reading for Comprehension-Grades K to 3: Participants will learn valuable, research-based, reading strategies that will enhance reading comprehension with students in grades K - 3. Participants will learn to gather data to guide instruction and to implement data notebooks to improve student ownership of their own progress monitoring and growth. Participants will learn strategies to increase comprehension in both the content areas and non-fiction text. 1 graduate credit hour • Friday & Saturday • June 24 & 54, 2016 • 9:00 am – 4:00 pm • $234.00 • Instructor: Jenni Domo

Reading for Comprehension-Grades 4-9: Participants will learn valuable, research-based, reading strategies that will enhance reading comprehension with students in grades 4 to 9. Participants will learn to gather data to guide instruction and to implement data notebooks to improve student ownership of their own progress monitoring and growth. Participants will learn strategies to use to increase comprehension in the content areas as well as non-fiction text. 1 graduate credit hour • Tuesday & Thursday • June 28 & 30, 2016 • 9:00 am – 4:00 pm • $234.00 • Instructor: Jenni Domo

Creating a Growth Mindset for Every Classroom: Participants will learn about educational mindsets—both fixed and growth mindsets. Participants will learn the difference between these two types of mindsets in the educational world, and the benefits of how knowledge of the growth mindset affects student learning and achievement. Participants will see what results can be attained by understanding the malleability of the brain and what can happen as a result of practice, perseverance, resiliency, and grit in the classroom. 1 graduate credit hour • Tuesday & Thursday • July 12 & 14, 2016 • 9:00 am – 4:00 pm • $234.00 • Instructor: Jenni Domo

Urban Patterns and Gentrification: A Case Study of Columbus and German Village: This workshop is centered on a field trip to Columbus, Ohio to study urban development and structural patterns of the metropolitan area. Urban areas examined will include the Central Business District, inner-city neighborhoods, and suburban commercial and residential areas. Three classic models of urban structure will be studied relative to Columbus. While touring the urban areas, maps and aerial photographs will be used to enhance an understanding of the urban patterns. Secondary data sources will be used to analyze the economic base and population trends within the city. The class will focus on German Village as a nationally recognized example of an urban “gentrification” neighborhood within Columbus. Gentrification is the process by which middle-class people move into deteriorated inner-city neighborhoods and renovate the housing. This neighborhood is famous for its rich German heritage and as an area that went through economic decline and recent renovation. Attention will be given to factors contributing to popularity of this area—place names, architectural styles, churches, business entrepreneurial activities, social organizations, restaurants and cuisine, brewery district, festivals, arts & crafts, and location within Columbus. The workshop will follow a “blended format” with the classroom activities completed during the field trip with the remainder of the work completed outside of class. 1 graduate credit hour • Wednesday, July 20, 2016 • 8:00 am – 5:00 pm • $234.00 • Instructor: Gary Haynes
**Sustainable Lifestyles: A Case Study of the Contemporary Amish:** This workshop explores the dimensions of environmental sustainability in American lifestyles. The many obstacles to living a sustainable lifestyle in our modern consumer era will be summarized and steps that can be taken to live more sustainably will be addressed. A field trip tour of Amish settlement areas of south central Ohio will be taken to draw attention to how the Amish are following sustainable lifestyles. How the Amish achieve sustainability will be analyzed by studying the three pillars that support sustainability—physical environment, social values, and the economy. A number of out of class activities will be completed by class participants online to introduce them to additional sources of information regarding sustainability. 1 graduate credit hour • Saturday, July 23, 2016 • 8:00 am – 5:00 pm • $234.00 • Instructor: Gary Haynes

**Project Wet: Highlighting Local Water Resources:** Ohio University is partnering with Project Wet, a nationally recognized educational environment program, to train educators in using the Project Wet Manual to conduct learning activities about the many interrelationships between human activities and water resources. This workshop will focus on local water resources and discuss issues relating to water such as public policy, economics, pollution, population growth, public water systems, land use changes, flood control efforts, and examination of cultural history. The class will be conducted at Buzzard’s Roost Nature Preserve (about 10 minutes west of Chillicothe) on the first day. The second day will consist of a kayak float on Paint Creek to give hands on experience with water quality testing, studying land use patterns, and a number of human and physical environment interrelationships regarding water resources. Included in the program will be presentations by Judi Mannion, a certified Project Wet Facilitator with Ross County Litter Control & Recycling and the Ross, Pickaway, Highland, Fayette Solid Waste District, Julie Kyle, Soil Conservation Technician with the US Department of Agriculture and Joe Letsche, Naturalist with Ross County Park District. Participants are required to purchase a Project Wet Manual. Kayaks for the float trip (day two) will be available from a local livery for a fee or participants may provide their own canoes or kayaks. 1 graduate credit hour • Tuesday & Thursday • July 26 & 28, 2016 • 8:30 am – 5:30 pm • $234.00 • Instructor: Gary Haynes

**Investigating Solid Wastes and Climate Change:** Ohio University is partnering with Ross County Litter Control and Recycling and the Ross, Pickaway, Highland, Fayette Solid Waste District to offer a dynamic touring lecture of solid waste management facilities including a modern sanitary landfill, a large urban waste separation & recycling center in Cincinnati, and a manufacturer that makes exclusive use of glass obtained from litter and trash for its raw material production inputs. The focus of the class and field trip will be to give educators a true “sense of place” regarding these quite different facilities, and at the same time illustrate how they each play a role in managing our solid waste. Special attention will focus on global climate change and how solid waste management is related to climate change. The role of the consumer and how shopping patterns influence the solid waste stream will also be examined. 1 graduate credit hour • Wednesday, July 27, 2016 • 8:00 am – 5:00 pm • $234.00 • Instructor: Gary Haynes

**Environmental Education Literacy Training:** This workshop is designed specifically to train local educators in techniques for using local information/data for teaching environmental education—focusing on environmental literacy in the areas of air, water, solid waste, land use, and natural resources and instruments used to study these subjects. Topics will be approached in a comprehensive manner providing educators with competency in subject matter content and resource materials necessary to teach the key environmental themes regardless of the location of their school district of employment. A field trip to Ohio University’s Charles & Daisy Black Farm will demonstrate methods for interpreting a local landscape and developing a true “sense of place” regarding the physical landscape. Human-environmental interactions will be examined to understand how the physical environment influences human activities and how human activities affect the physical environment. In addition to training in environmental literacy, this workshop will assist local educators develop curriculum materials to implement or expand environmental education in their classrooms. Major emphasis will be given to synthesize environmental science topics with Ohio Department of Education curriculum standards. The workshop requires no prerequisite training—content is such that no specialized training is necessary in order to complete the workshop. 1 graduate credit hour • Monday, August 1, 2016 • 8:00 am – 5:00 pm • $234.00 • Instructor: Gary Haynes

**Advanced Placement® Summer Institutes 2016**

- AP Calculus AB July 25-28, 2016, $595.00
- AP English Literature & Composition July 25-28, 2016, $595.00
- AP European History July 25-28, 2016, $595.00
- AP Statistics July 25-28, 2016, $595.00
- AP US Government & Politics July 25-28, 2016, $595.00
- AP World History July 25-28, 2016, $595.00

(Optional: Two hours of graduate credit will be available—additional fee of $468.00)
To Register:

By mail, send Registration Form to: Ohio University-Chillicothe, Continuing Education, 101 University Dr., Chillicothe, OH 45601

By phone, call the Office of Continuing Education at 740.774.7226  By fax, dial 740.774.7280

Walk-in, come to Office of Continuing Education, Ohio University-Chillicothe, Technology & Business Development Center, Room 139

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ALL CLASSES ARE PENDING APPROVAL

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Email Address

Please register me for:

| Archeology Workshop for Teachers – call 740-774-1126 |
| Forestry on Ohio’s Public Lands: Teacher Field Days – call 740-774-1596 ext. 106 |

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___ Effective Classroom Management
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