

Why Online Learning?

- **Collaboration:** You can collaborate and share ideas with a diverse mix of other educators. No one has a corner on great ideas; together we can be awesome!
- **Access:** Learning is where you are and when you are there. Learning can occur without conflicts that may be posed by extra-curricular, family, weather, distance, time, and economic factors.
- **Convenience:** You may schedule your learning sessions anytime, anywhere there is an internet connection. Learn at home without the need to adhere to a specific schedule, conform to a dress code, or be concerned about a necessary interruption.
- **Individualized Learning:** You have full control of how you will acquire information and use it. You can choose to look for additional information or move on.
- **Situated Learning:** PBS TeacherLine learners indicate that they apply what they have learned online in their daily work, acquire significant new content knowledge, and master new instructional strategies.

How do I know that I will be a successful online learner?

Try it yourself by visiting www.pbs.org/teacherline/free-orientation-course.

Registration Information

Registration

- Visit www.coursewhere.com/iu5 and click "Logon." From there, follow the on-screen instructions to log in to an existing account or to create a new account.
- Registration will open September 23, 2010 and will close at 4:00pm on November 2, 2010.

Attendance/Participation Policy

- Participants must complete all time and course requirements in order to be eligible for Act 48 credit or for graduate credit.
- Should the instructor need to remove a disruptive learner, he or she will forfeit payment and be ineligible for Act 48 hours or for graduate credit.
- Registration must be cancelled by November 2, 2010.
- The school district or employer or will be billed for each registered educator not in attendance.

Insufficient Check Refund Policy

A money order or a certified check plus a \$20.00 processing fee must be forwarded immediately upon our notification to the participant of a check that has been returned for insufficient funds in order to retain registration and to receive Act 48 hours.

*Graduate Credit Option

Graduate credits are available from Seton Hill University at a cost of \$175 per credit. For registration information contact David A. Smith, Ph.D., PBS TeacherLine Solutions Representative at (814) 217-6003 or dsmith@wqln.org.

Visit these TeacherLine partners online:

IU5 - www.iu5.org

WQLN Public Media - www.wqln.org

Regional Science Consortium - www.regsciconsort.com

WQLN Education
PBS TeacherLine®

IU5

REGIONAL SCIENCE
CONSORTIUM
at The Tom Ridge Center at Presque Isle

3 Asynchronous Online Courses
1 Blended Learning Experience

Fall 2010

Searching and Researching on the Net

Tuition: \$199 (includes all course materials)

Act 48 Hours: 30

Graduate Credits: 2 (available for an additional fee*)

Dates: November 8 - December 17

Recommended for: K-12 teachers

Learn strategies to help students develop searching and researching skills, including the use of Web 2.0 tools. Explore ways to create authentic learning environments that make use of primary resources, go beyond sites such as Wikipedia for research, and teach responsible web use. For the course project, create a research toolbox for developing searching and researching skills for a specific curriculum area.

- Recognized by the Association of Educational Publishers in its 2010 Distinguished Achievement Awards process.
- The project work in this course involves interaction with your students

Children's Authors on the Web: Online Sites that Motivate Students to Write

Tuition: \$199 (includes all course materials)

Act 48 Hours: 30

Graduate Credits: 2 (available for an additional fee*)

Dates: November 8 - December 17

Recommended for: K-6 and special education teachers

Discover the power of author studies to motivate students to read and to write. This course uses a problem-based approach to teach the techniques of conducting an author study that integrates technology and the Internet. Explore author and other web sites to collect resources that introduce your students to many genres and inspire your students to read, to write, and to use technology effectively.

- Rated as a "Teacher Favorite" by course participants
- Recommended by PBS TeacherLine as one of their "Top Five" courses for PA teachers

Curriculum Mapping I

Tuition: \$199 (includes all course materials)

Act 48 Hours: 30

Graduate Credits: 2 (available for an additional fee*)

Dates: November 8 - December 17

Recommended for: K-12 teachers

Explore how curriculum mapping will enrich school curricula and improve student performance. This course explores the history and purpose of curriculum mapping, teacher roles, map types, and the various data that are collected in the maps. You will finish the course with a complete peer-reviewed, ready-to implement plan to adjust the scope and sequence of your curriculum.

- Contains a wealth of information for a Pennsylvania classroom teacher who will be mapping curriculum using the Standards Aligned System
- Authored by Dr. Heidi Hayes Jacobs, whose work has influenced PA curriculum models

Inquiry-Based Learning/ Hands-on Inquiry Modeling

Tuition: \$249 (includes all course materials) \$5 discount for RSC member schools

Act 48 Hours: 45

Graduate Credits: 3 (available for an additional fee*)

Dates: November 8 - December 17

Recommended for: K-12 teachers

Inquiry-Based Learning in the Classroom (online)

The online course describes how knowledge that is gained through investigation produces greater student understanding and achievement. You will discover the key principles of inquiry-based learning and observe and assess its effectiveness on class lessons and student web projects. The online course includes your development of an inquiry facilitation plan for a unit to implement inquiry-based learning in your classroom.

Hands-on Inquiry Modeling (at the Regional Science Consortium at the TREC)

The hands-on experiences are designed to enrich science teachers, and others, using biological and environmental modeling. There are clear implications for social and economic research that transcend the traditional life science laboratory, providing the basis for some inter-disciplinary student activities in your school. The group will be able to use these experiences to develop a classroom inquiry facilitation plan in the online portion of the course. Inquiry-based problem-solving will use the center to:

- Make observations, develop hypotheses, and experimental design for a scientific project
- Share online journals
- Learn laboratory techniques
- Learn field sampling techniques
- Discuss local research and complementary labs for the classroom
- Conduct water quality analysis for bacterial contaminants, such as E. coli, and learn about DNA analysis using qPCR

Although individual registrations will be accepted, interdisciplinary teams are encouraged to enroll and develop inquiry-based teaching models. Science is a process that requires open inquiry and data analysis, therefore information and techniques would be applicable to other disciplines.

