



**PBS TeacherLine<sup>®</sup>  
New York**

online solutions for teacher professional development

**INSTRUCTIONAL  
TECHNOLOGY**

## **INSTRUCTIONAL TECHNOLOGY FALL & WINTER COURSE LISTINGS**

**TECH145 Teaching with Webquests for Grades K-12:** Discover Internet resources that promote inquiry oriented student learning and smart use of the Web for research and class assignments. In this course, you will explore WebQuests and learn to integrate the Internet into your curriculum effectively. You will design a WebQuest to enhance a classroom unit or curriculum area to engage students in meaningful research. (30 hours: Fall, Winter)

**TECH150 Enhancing Multicultural Education with Technology for Grades K-8:** Create a learning environment where all children feel their culture can be expressed and appreciated. Discover how to build a collection of educational resources and technologies that can effectively unlock new worlds and encourage students to immerse themselves in different cultural experiences. The final assignment is to design a creative teaching unit incorporating community and Internet resources to advance multicultural studies in the classroom. (30 hours: Winter)



**TECH160: Putting Technology to Use in the Classroom: Grades K – 12:** Gain a better understanding of key issues surrounding technology integration, such as how to meet technology standards and choose the most suitable technology for a specific purpose. Identify lessons or concepts in your classroom that may benefit from technological enhancement. Learn to devise a strategy for integrating technology into your lesson plans. (30 hours: Fall)

**TECH190: Contemporary Issues - Using Technology for Discussion, Debate, and Problem Solving in the Middle School Curriculum Grades 6 – 8:** Technology can help students develop debate and problem-solving skills. This course introduces new strategies for incorporating current events, controversial issues, and pop culture into the curriculum. As a final task, create your own current events lesson plan that uses technology to foster understanding, discussion, and debate. If you want to bring contemporary issues into your social studies, humanities, or science classroom, this is your course! (30 hours: Winter)

**TECH195: Teaching and Learning with Graphic Organizers Grades K -12:** Electronic graphic organizers can help students organize ideas, convey complex concepts, progress through the steps of the writing process, and develop their mathematical and scientific thinking skills. Address different learning styles by presenting information in a visual format that shows the connections between concepts. Learn to apply such electronic graphic organizers as Inspiration© across the curriculum, throughout all grade levels, at learning stations, and in computer labs. Expand and enhance student thinking and learning for presentations and personal productivity. (30 hours: Fall, Winter)

**TECH300: The Computer for Personal Productivity: Grades K – 12:** Squeeze more time out of your day by tapping the power of technology to create teaching materials and assessments; communicate with colleagues, parents, and students; improve lesson planning; and manage information. Explore areas where the computer can increase personal productivity. Then develop and implement a personal productivity plan that makes the best use of your time and resources. (30 hours: Fall, Winter)

**TECH315: Using the Computer for Cooperative Experiences: Grades K – 12:** Expand cooperative learning through technology. In this course, you will explore three types of online cooperative experiences: tele-collaboration, WebQuests, and project-based learning. Examine the basic elements of each model and how to apply them to a project. As a final task, develop a teaching unit that employs one of the three models, including both an assessment rubric and an implementation plan. (30 hours: Winter)

**TECH320 Introduction to a One-Computer Classroom Grades K – 12:** Your computer can do more than you may know - discover how to use it as a presentation tool, a personal productivity assistant, a catalyst for creating interactive group experiences, and a student learning center. For your final assignment, choose one of these applications, then create and implement a lesson plan to apply in your classroom. (30 hours: Fall)



**TECH325: Searching and Researching on the Internet: Grades K – 12:**

This course surveys the tools and background needed to use the Internet successfully as a research tool in the classroom. Practice different methods of Internet research and learn to apply them effectively and efficiently. Review the ethical and legal issues that may arise when using these new tools in the classroom. Use your new skills and knowledge to search the Internet for appropriate lesson materials to help you build a resource library. (30 hours: Fall)

**TECH335: Publishing on the Web Grades K – 12:** Master basic knowledge and skills needed for Web publishing. Examine school-based Web sites and other Web-publishing projects to identify both effective and ineffective presentations. Address key issues to help you understand basic

requirements before embarking on Web-publishing activities in the classroom. An easy-to-use Web page template and basic HTML prompts are provided to help you complete your final task: creating an effective Web page. (30 hours: Fall, Winter)

**TECH340: Evaluating and Organizing Internet Resources and Content Grades K – 12:** Build the knowledge, skills, and insight to research, evaluate, and organize online classroom resources successfully. Explore the different types of material available online and the methods to evaluate them. Discuss some of the social and ethical issues posed by the Internet. Practice identifying appropriate online resources that support data-driven, problem-solving lesson plans. In your final assignment, gather, organize, and critically evaluate the content of several similar Web sites. (30 hours: Winter)

**TECH401 Capstone Introduction: Planning a Technology Portfolio Grades K – 12:** This course will start you on a path toward ISTE NETS-T proficiency. Through readings, examination of your own teaching practices and the ISTE NETS-T, and exploration of available technologies and sample technology-integration projects, you will increase your understanding of and comfort with the NETS-T and their practical applications in the classroom. (30 hours: Fall)

**TECH410 PBS TeacherLine / ISTE Capstone Certificate Program / Capstone I Grades K – 12:** PBS TeacherLine has teamed up with the International Society for Technology in Education (ISTE) to certify teachers who lead the way in classroom technology integration. The Capstone Program consists of three courses. In Capstone I, you will create a portfolio exhibit to demonstrate your use of technology, and to prepare you for Capstone II, showcasing your students' use of technology. (45 hours: Fall)

**TECH415 PBS TeacherLine / ISTE Capstone Certificate Program / Capstone II Grades K – 12:** PBS TeacherLine has teamed up with the International Society for Technology in Education (ISTE) to certify teachers who lead the way in classroom technology integration. The Capstone Program consists of three courses. In *Capstone II*, you will create a portfolio exhibit, showcasing your students' use of technology. (45 hours: Fall, Winter)

Fall Semester Begins October 26th

Registrations must be received by October 16<sup>th</sup>

Winter Semester Begins January 25th

Registrations must be received by January 15<sup>th</sup>

Register online at: [www.thinkbright.org/teacherline](http://www.thinkbright.org/teacherline)

For more information call: (716) 845-7000 ex 360