Tech Trek: The Next Generation

Registration Info

Formal instructional sessions assume that you understand the basics and will move at a brisk pace.

To Register

Contact Your C.I.I. Representative or C.I.I. Service Participant Representative for funding options www.whro.org/cii/roster.asp and find registration info here www.whro.org/cii/tt.asp.

- Are you looking to push the "technology integration envelope" and to go where no teacher has gone before?
- Are you ready to explore new educational technology frontiers?
- Are you ready to move beyond the basics and to take your students on exciting educational adventures using technology in new, innovative and pedagogically sound ways?

*If you answered yes to **any one** of these questions,*

then Tech Trek: The Next Generation is the place for you.

JULY 30-AUG 3, 2012

OVERNIGHT ACCOMODATIONS NOT INCLUDED

VISIT WWW.WHRO.ORG/CII/TT.ASP FOR MORE INFO

Take your educational technology skills to the next level by attending
Tech Trek: The Next Generation.

For the most current information, please visit **www.whro.org/cii/tt.asp** and then contact your local C.I.I. Representative or C.I.I. Service Participant Representative for funding options (www.whro.org/cii/roster.asp for a complete list).
Tech Trek is no longer covered by the regional NCLB EdTech grant,
Tech Trek: TNG is **$599 for C.I.I. Members and C.I.I. Service Participants**, and **$799 for Non-Members**
but space is limited to register.

Registration info can be found here.
www.whro.org/cii/tt.asp

Topics that will be covered include:

- **Distance Learning** will be an exploration of asynchronous (time-delayed) course management systems (CMS) as well as an introduction to synchronous (real-time) videoconferencing technologies and the facilitation processes associated with each. We will compare and contrast traditional face to face (F2F) models of instruction and classroom management with new facilitation techniques that will help us translate the practice of teaching and learning into this new environment. We will work together in live course management systems to experiment with the concepts under discussion.
- **Web content creation technologies** will be an in depth study of methods that can be employed to produce high quality multimedia content for the Web to contribute to the teaching and learning processes. Digital Video creation and editing, Digital Photography, and Digital Audio Production (for podcasts) methods will be employed as tools to produce original high-quality instructional content. We will also work with blogs and other Internet technologies as they relate to the instructional process.
- **Multimedia** The research shows that 87% of children are either visual or kinesthetic learners. They need to see and be actively involved in their learning. Multimedia development will focus on finding, creating, manipulating, and implementing images, animation, sounds, text, and videos to help teachers develop materials for all 3 learning styles.

Special Sessions Covering:

- Advanced uses of databases and spreadsheets integrating real-world data.
- A variety of new and emerging technologies, such as wireless networking, podcasting, blogs, streaming video, and mobile devices, will also be highlighted.

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Prerequisites

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At a minimum, must be comfortable with #1 below, and at least 1 of the others (#2, #3, and/or #4).

1. Absolutely comfortable with operating systems (switching amongst several open windows and moving data between them), file management and backup procedures. Familiarity with the online course environment, website development, databases, spreadsheets, multimedia, and internet tools.

2. Able to use formulas with functions and produce graphs that compare multiple variables in MS Excel, familiar with data types and able to design basic tables and queries in MS Access.

3. Familiarity with the format of HTML tags and comfortable writing HTML code in a text editor such as Notepad.

4. Familiarity with a variety of file formats for graphics and the effects of varying format, resolution, color depth and level of compression of graphics on file size and quality.

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